Product Short	Case ID	Occurrence	Human or Animal	Species	Age	Treatment Start Date	Most Recent Info Date	Number	Number Nu	mber Date of	Recommended	Signs (Veddra)	Off Label	Narrative	Breed	Weight	Reported Product List, Dosage Information Treatment Regime	Causality Assessment	Causality Conclusion NCA
NOBIVAC L4	AT-NLINTVINT-2013-AT-00117	Austria	Animal	Canine/dog	6 Month(s)	20/11/2013	21/11/2013	1	1	0 20/11/20	13 Not Known, SRXSBRXSBR		Other	SAR: On 20 Nov 2013 one dog was vaccinated concurrently with Nobivac L4 and Merial SHPP1.5-10 minutes after vaccination the dog showed projectile womiting, lateral recumbency and unitation. The mucous membranes were pale and the dog was non response. The owner (is also a veterinary nurse) brought the dog into a clinic, where it was treated first with NaCI-divisions and an antiemetic (Cerenia). As the health condition of the dog worsened after Abour sagain the dog received 250 mg. Solo-Decortin (Cortisone). 15, hours later the dog was fine again. Additional information: The dog had received Merial SHPP before (age 8 and 12 weeks), but basic immurization was not completed, as the dog was if. IN o more information is expected. [Reason for use for product: Generic: LETPO*4(CT.CAMGEPP BART) & BRITA MOSINIVA LA ISLAND S540 Reason: Vaccination Generic: Brand: Merial SHPPI Reason: Vaccination) [State of health: Good]	Other Canine/dog		EURICAN CHP92 - N/A.N/A.N/A 24.Jurknown (20/11/2013- 20/11/2013/ERS-BRN-Obbivac L4 - 1.N/A.N/A, 2.4.1 Dose Once 1 Animal (20/11/2013-20/11/2013)-BR~BR>	B - Possible	
NOBIVAC L4	AT-NUNTVINT-2014-AT-00099	Austria	Animal	Canine/dog	Not Known	01/11/2013	11/02/2014	6	6	0 01/11/26	13 No, < R> No	Facial swelling (see also Sain) Weakness, Breathing difficulty	Other	Sapperted adverse reaction. Animals reacted allegically 10 minutes after vaccination with Nobine. Life and Nobious. 15th you willing at the head occurred within 15 minutes. In total far aimsite [5 papples], a diult dog) were vaccinated on different days since Nov 2013. Always the same adverse reactions occurred. The vot not administered the half dose of Nobious Let with Nobious. 15th Pini a mixed syringet(LIU). Besides the owellings, the animals showed difficult breathing and faintness. The 5 pupples were over a months of all 5 pupples had been per-vaccinated with Nobious. 15th Pini a mixed between over 3 months of all 5 pupples had been per-vaccinated with Nobious 15th. The adult do plad been vaccinated in 2013 with Versican (Incl. Lepto) and had never received Polibious. All animals are received prediction as therapy, the propriors ablated quickly. All animals are reactions again. The vet sees a relation with Nobious Life because in the meaning, several Chilubahus were boostered only with Nobious 15th Pini and howelf no symptoms. 30art / Duration of symptoms. 10 minutes after vaccination (Reson to ruse for product. General Lord 17-4)CT. 20art, (Henrip Agn, N) no reind mitodion (Reson to ruse for polatic. General Lord 17-4)CT. 20art, (Henrip Agn, N) no reind mitodion (Reson to Henrill. Cool)	Chihuahua	Not Known	Nobwet L4 - S,WA,N/A, 10.5 ml Once (0.11/120)-3. 0.0ce (0.11/120)-3. 0.1/0/2014-SRPBRP-Nobwe SPPP- 1.N/A,N/A, 2-1 Vas/Ampoule(s) Once (0.1/11/2013- 01/0/2014)-BRPBRP-	B - Possible	
NOBIVAC L4	AT-NLINTVINT-2014-AT-00018	Austria	Animal	Canine/dog	Not Known	22/02/2014	25/02/2014	2	2	0 22/02/20		Vomiting.Comvulsion,Trembling.Foa R ming at the mouth	Other	SAR: On 22 Feb 2014 two dogs were vaccinated concurrently with Noblvac L4 and Eurican SHPPI. One dog showed 1,5 hours and the other 3 hours after vaccination the following symptoms: trenbling, floward 1,5 hours and two fitting. Both dogs were treated symptomstically with Valium and infusions with NaCI. The dogs were sent to a nearby clinic for over-night observation. On 32 Feb both dogs were sent home completely recovered. The vest suspected the dogs to be poisoned, as other dogs showed the same symptoms without receiving vaccination before. Other vest form this region reported the same kind of poisoning was also reported to the police and official veterinarian. No more information espected. [Reason for use for product: Generic LEPTO*AUCT.CAM.GPR.BART.\NB Brank. NGBW.CL 12 NGDS*54 Reason: Vaccination Generic: Brand: Eurican SHPPI Reason: Vaccination] [State of health: Good]	Labrador Retriever	Not Known	Eurican SHPPI - N/A,N/A,N/A 24, Unknown Urknown (27/02/2014 22/02/2014/BRS-BR-NOBSWAC L4 10XIDS 540 - N/A,N/A,N/A 24,Unknown Urknown (22/02/2014 22/02/2014) 	O1 - Inconclusive	
NOBIVAC L4	AT-NUNTVINT-2014-AT-00146	Austria	Animal	Canine/dog	8 Week(s)	03/09/2014	02/10/2014	9	2	0 08/09/26		Increased skin sensitivity Walking stiffcully allegies - neurological disorder /vc-alias iton, Epileptic seiture, Disorderation-typerpensitish aly to light, Pain NOS, Foaming at the mouth	,	SAR: Don Step 14 rine puppies (German Pinscher) were vaccinated with Nobiasc SIEPP and Nobiasc LO nor of the puppies had an epileptic section with foram at the month hele's Says after vaccination (IS-Sep 2014). The dag was presented to a vet clinic. All blood tests and aliquor examination for craime distingers were without findings. The dag was hopsitizated for a few days first restriction unknown). No further seleutes or other reactions were seen. Another puppy woke up during the night of 13 Sep 2014 and was howling. He was very enstitle to light and was in pain. He could not waik stain, was disorientated and showed hyperemithility of the skin. This puppy was presented to the vet in the same right and treated with analgetic Meldoxiscan). On he next diy the down selegate paid, on a 15 Sep 2014 he was completely recovered. No further reactions since then The breeder and the vet have never seen such signs after vaccination before. No further formation expected. [Reason for use for product: Generic DiPert IV Brandt NOBIVAC SHPP 1001DS 127 Reason: Vaccination] (State of health: Good) (State of health: Good)	German Pinscher	Known	Nobwac Ld SUSPINSION FOR HIMECTION - 1.04/A/A/A, 2.4.1 Dose Once 1. Animal (83/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-03/09/2014-0	O - Unclassifiable/unassessa ble	
NOBIVAC L4	AT-NLINTVINT-2014-AT-00152	Austria	Animal	Canine/dog	15 Month(s)	15/10/2014	16/10/2014	1	1	0 15/10/20	14 Yes, >BR>P FYE >BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C	B Facial swelling (see also 5, Skin'), Itching, Breathing difficulty (SAR: Dn.S. Dct. 2314.4 dag laugh wat vaccinated with Nobinsc SIP plus. Nobinsc Lib by the set (Booster vaccination) and directly afterwards treated by the owner at home with Boreactin (Dirt teatment). Approximately 4.5 minutes post treatment with Broverto/Nocine high-grade facial swelling, Irching, difficulty to breath Treatment. Controls the , Immediate improvement of signs. The animal owner did not contact the vet again, therefore dag probably recovered. Further information the dog has an altergy to grain. Case closed. Reason for use for product. Generic: DHP U. Read. KORINIC SIP IDIXID 512. Reason: Vaccination Generic: THURALAMER CHEW TABLETS Brand: BRAVECTO 250MG INITIAL SUL REASON: Expansion for Generic: LEPU / AIGCT, CAMGRIP, BRAT) KIS Brand: NOBINAC 14 10X1DS 540 Reason: Unknown.] (State of health: Good)	Pug		Bravecto 250 MG - N/A,N/A,N/A 2,4 Jinknown Lifshown Lifs (1)(2024 15/10/2014;8-RB-Noblwac L4 - 1,N/A,N/A, 24,1 Dose Once 15/10/2014;RB-RB-Noblwac SHP, Lyophilisat und L6 sungsmittel zur Herstellung einer Injektion - 1,N/A,N/A, 24,1 Dose Once (L5/10/2014-15/10/2014)-GR>-GR>-	B - Possible	
NOBIVAC L4	AT-NLINTVINT-2014-AT-00155	Austria	Animal	Canine/dog	3 Month(s)	23/10/2014	24/10/2014	1	1	0 23/10/20		B Anaphylaxis, Facial swelling (see s also 'Skin'), Weakness	No Data	Sappeted Adverse Reaction: Approximately on 3 Oct 2014, a puppy was vaccinated with a section for pupples against disemper/pany (on interesty ASSD-podutin in a foreign country), 0r 32 Oct 2014, to puppy was vaccinated with Nobbac SitPP and Nobbac 14 (the vaccines were administered at the same time, but at different injection sizes). 5 Firmities after his vaccination, the dogs drowed anaphysias with high-grade swelling at the head and was languid. The dog received 0.3 mil Desa-Vana and the swelling ob better after apport. 20 minutes. Apport. 3 hour after the vaccination, the dog was without special findings again. No more information espected. [Reason for use for product: Generic: OPPPT UV Branch MORIVAC SIPP DISING 312 Reasons: Vaccination Generic: LEPTO*4(CTC,AN,GRIPP,BRAT) is Branci NOBIVAC L4 10X1D5 540 Reason: Unknown.] [State of health: Good!	Chihuahua		Nobivac L4 - 1,N/A,N/A,24,1 Vial/Ampoule(s) Once 1 Animal (23/10/2014)-BR>-BR>-Nobivac SHPP I Lyophitas und Lösungsmittel zur Herstellung einer Injektionssupension für Hunde - 1,N/A,N/A,24,1 Vial/Ampoule(s) Once 1 Animal (23/10/2014- 23/10/2014/BRP-c)BR>	B - Possible	

NOBIVAC L4	AT-HUNTVINT-2014-AF-00172	Austria	Animal	Canine/dog	18 Month(s)	18/11/2014	21/01/2016	1 1	0	22/11/2014	R> Not Known, <br< td=""><td>Aggression, Anwiery, Restlessness, Sie geness-neurological disorder, Je- geness-neurological disorder, Jes- ensenses, Epilepte, Seture (Trillag- rens-topical disorder (Sea alix Petahvioural disorder (Sea alix Pathvioural disorder), Mirany Madder disorder NOS, Urinany Urindere, Petahvioural disordering of the skin, Weakness, Allergy to food Localised Istin, Temporary blindness, Tiredness</td><td>Other</td><td>Seapected Asterse Reaction: A dog was vaccinated on 18 Nov 2014 with Nobivac SHPPI and Nobival 14 na mixed syringe (setra-bable use) and with Nobivac Cat the same time, but at another injection 50: 00.2 Nov 2014 in the evening, the dogs per delegation male suburs, agrova. every 2 hours one seluture of 5 - 10 minutes (duration). After the seluture, the dog is tired, but otherwise normal. On 18 Nov 2014, beginder the excitation, additionally an utrasound-examination or the surprise performed, because a cardiac sound was suspected. The utilization examination was without specifings. Selutures contrared on 22 Nov 2014 in the evening, and 30 Nov 2014 in the originary and not 4 Nov 2014 in the evening, and 50 Nov 2014 in the evening, and 50 Nov 2014 in the evening, and 50 Nov 2014 in the evening and on 24 Nov 2014 in the evening. The owner came to the practice with the dog for an examination on 25 Nov 2014. The frequency and the strength of the selutures is permanently informations in septend. Follow-up from 36 Nov 2015: Phone call with the owner: the dog had arriady been vaccinated with pinchet vaccinety), the vaccination on 18 Nov 2014 was a booster vaccination with selutures and the strength of the morning and not 4 Nov 2014 in the morning before one on an in the evening and in the reject. How one 25 Nov 2014 in the morning and not the vening before one and in the revening and in the reject. The morning before one on an in the evening and in the right, then one 25 Nov 2014 in the morning and not the vening before one and in the regist, then one 25 Nov 2014 in the morning and the vaccination of 30 Nov 2014 was a doubter vaccination disages syndrom and of the vaccination of a Nov 2014 was a doubter vaccination disages with an examination of the proper of the properties of an anternet website which critics vaccinations and where a "vaccination dimage syndrom of longs" is described and suspects such a vaccination damage and one of dogs" is described and suspects such a vaccination damage and one of the properties of t</td><td>s s</td><td>5.5</td><td>NOBIVAC SHPPI-1.NI/A.NI/A.24.1 Val/Ampoule(s) 1. Dose (18)11/2014-1 [INI/A.24.2 INI/A.24.2 INI/A.24</td><td>O - Unclassifia ble/unassessa ble</td><td></td></br<>	Aggression, Anwiery, Restlessness, Sie geness-neurological disorder, Je- geness-neurological disorder, Jes- ensenses, Epilepte, Seture (Trillag- rens-topical disorder (Sea alix Petahvioural disorder (Sea alix Pathvioural disorder), Mirany Madder disorder NOS, Urinany Urindere, Petahvioural disordering of the skin, Weakness, Allergy to food Localised Istin, Temporary blindness, Tiredness	Other	Seapected Asterse Reaction: A dog was vaccinated on 18 Nov 2014 with Nobivac SHPPI and Nobival 14 na mixed syringe (setra-bable use) and with Nobivac Cat the same time, but at another injection 50: 00.2 Nov 2014 in the evening, the dogs per delegation male suburs, agrova. every 2 hours one seluture of 5 - 10 minutes (duration). After the seluture, the dog is tired, but otherwise normal. 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NOBIVAC L4	AT-NLINTVINT-2014-AT-00177	Austria	Animal	Canine/dog	2 Year(s)	12/08/2014	27/11/2014	1 1	0	13/08/2014	Not Known,
 >Not Known</br 	Facial swelling (see also 'Skin')	Not Known	the dog hasn't been treated at the reporting practice anymore, but at another well in the neighbornow who also uses homeopathy. According to the feed-back of the owner, the dog seems to be doing better. So the dog can probably be considered as recovered, but the definition outcome is unknown. Note: the dog's weight and age was given by the reporting vet as 25, kg 1/ year, but by the owner as 5.5 kg / 13 months. It is unclear which data are (more) correct. For the case entry, the owner's data were coded. No more information expected, case closed Follow-pir form 15 pec 2014. Powe call with the owner: the owner object homeopathic medicaments. Until 13 not 2014, no seizures SARI: Dog was vaccinated on 12 Aug 2014 in the evening, in the night serious swelling of eyes and fact the pet owner brought the dog to a clinic. The dog was treated with cortisione and inflicions. The dog recovered quickly, Dog was fully normal again. Case closed. [Reason for use for product: Generic: DMF U Branch NOBMAC SPE DINDES 125 Reasons Vaccination Generic:	e. French Bulldo	g 12.7	NOBIVAC SHP - 1,N/A,N/A, 24,1 Dose Once (12/08/2014- 12/08/2014/sBr-sBr>Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once	B - Possible	
NOBIVAC L4	AT-NLINTVINT-2015-AT-00030	Austria	Animal	Canine/dog	9 Year(s)	14/03/2015	23/03/2015	1 1	0	14/03/2015		Pale mucous membrane,Circulatory collapse (see also 'Neurological' and 'Systemic disorders').Yomiting,Allergic reaction,Weak pulse	No Data	LEPTO*4[CT_CAM_GBIPB_BAT] IX B Fand: NOBIN/AC L 10XLDS 540 Reason Chrinkown.] (State of health. Unknown) Suspected Adverse Reaction: On 14 Feb 2015, a dog was vaccinated with Nobiwac 5HPR and Nobiwa Suspected Adverse Reaction: On 14 Feb 2015, a dog was vaccinated with Nobiwac 5HPR and Nobiwa 14 without symptoms (both for the linst time, before product from another company had been used) On 14 Mar 2015, the booster-accination with Nobiwac L4 was performed and approx. 15-20 minute after the succination the dog vowerflow once and then collapsed, obwed massive allegic reactions: circulatory collapse, weak pulse, dog was pale. Therapy venous entry, infusion, prednizolon, dipherhydramin (= arthitistaminic), Cerenia. The deep responded well to this treatment. The dog was doing fine again and is could be released home without further symptoms after approx. 30 minutes (education of symptoms), No more information expected. [Reason for use for product: Generic. LEPTO*4(LTC,NAGP/BRAT) (B B Tank LOWINEAL ALL MIXEDS Add Beason to observa-centation for	Canine/dog	6	(12/08/2014-12/08/2014)-BR>~BR> Nobivac L4 - 1,N/AN/A,24,1 Dose Once 1 Animal (14/03/2015- 14/03/2015)-BR>~BR>	A - Probable	
NOBIVAC L4	AT-NLINTVINT-2015-AT-00031	Austria	Animal	Canine/dog	12 Week(s)	02/04/2015	03/04/2015	1 1	0	02/04/2015	Yes, <b R> Not Known</b 	Facial oedema	No Data	Lell States of heath: Goodl Suspected Adverse section. On DZ Apr 2015, a bitch was vaccinated at the same time, but at differs application sites with Notivac Let and with a SPIPP-vaccine from Merial. One hour after the vaccination, a facial observation are set of the properties	nt Labrador Retriever	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/04/2015- 02/04/2015/sBR-sBRS-SHPPI- vaccine (Merial) - N/A,N/A,N/A ,N/A,unknown (02/04/2015- 02/04/2015) sBR> 		
NOBIVAC L4	AT-NLINTVINT-2015-AT-00032	Austria	Animal	Canine/dog	3 Month(s)	27/03/2015	24/04/2015	5 1	1	29/03/2015	No, No, RR> BR> BR> BR> BR> BR> BR> Known	Dygmea.Lung eedema_Deaphylactic sheck_Asphysia_General Illness	Other	Supported Afterior Reaction. A puppy was vaccinated in the 5th week of life with Nobbas SP without adverse reactions and on the 8th week of life with Nobbas SP without adverse reactions. In the 12th week of life is was vaccinated with Nobbas SP without adverse reactions. In the 12th week of life is was vaccinated with Nobbas SPPPI and Nobbas Life is a mixed strange (set at abile up on 7 Mar 2015 fifty and termono). First, no adverse reaction courred, the log up with fund 12 Net 2015. On 29 Mar 2015 in the affirm of SPPPI and Nobbas Life is a mixed place of the strange of the 10 Mar 2015. On 29 Mar 2015 in the affirm of SPPPI and Port	98	Not Known	NOBINE SHPFI - 1.N/A.N/A. 24.1 Doso Grea 1. Animal (27/03/2015): 27/03/2015): 48P-48P-Nobivac 1.4 - 1.N/A.N/A. 24.1 Dose Once 1. Animal (27/03/2015): 48P-48P-48P-48P-48P-48P-48P-48P-48P-48P-	N - Unlikely	
NOBIVAC L4	AT-NLINTVINT-2015-AT-00035	Austria	Animal	Canine/dog	10 Week(s)	19/09/2014	15/04/2015	1 1	0	21/09/2014	Yes	Cystitis, Urinary incontinence	No Data	SAR in 2014. A dag was vaccinated with Nobivac L4 (pricher if vaccinated in Germany or Austria) on Apr 2015. On 21.0 pt. 2015 the day was presented to the Austrian ext with blodoy, cytolis (diagnostic visus) "stick"), incontience. Homeopathic treatment, after 3 days cystilis improved, but the incontience continued for approximately a month. [Reseato for use for product. Genetic: LEPTO*4ICT.CAM_GRIPP_BRAT] KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination] [State of healths Good!		5	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once (19/09/2014- 19/09/2014) 	N - Unlikely	
NOBIVAC L4	AT-NLINTVINT-2015-AT-00047	Austria	Animal	Canine/dog	2 Year(s)	06/05/2015	07/05/2015	1 1	0	06/05/2015	Yes, Yes, 4BR> Yes, 4BR> 	Urticaria,Panting,Pruritus,Facial oedema.Respiratory sound	No Data	Sizing Adverse Reaction: On 06 May 2015 at 11.30 am a dog was vaccinated with Nobivac SIPP, Nobiv T and Riobkie LL Alt. 250 m on the Same day the dog lad shown massing purtuus, and urticant an the whole body as well as a strong facial celemen. The dog was treated with Predisionlouse and after 1. hours was ob again. According to the vet the dog had not shown signs of sufficiation, but had been parintig strongly and had shown strong responsive yousset. The Gog May derivensive yellow ruccinated twice with the same combination of vaccines approx every half a year (approx May 2014 and approx Nov. 2014; EUL: treatment program). In approx May 2014 the dog had additionally been uncleased the Cappt and shown similar reactions. No reaction was seen after the following vaccination in approx NOS 2014. No more information expected. [Reason for use for product. Generic: EPP VB stand: NOSIWAC 591 DOLIDS 127 Reason: Vaccination Generic: RABLES IN ALU ADJUVANT KV Brandt. NOSIWAC 1541 AUZ Dessoru Linknown.] [State of health: Good]	5	ig 12	NOBIVAC SIP - 1.N/A.N/A, 24.1 DOSE ORCE 1 Animal (06/05/2015)—8.05 06/05/2015)—8.05—805—06/05/2015 1.N/A.N/A, 24.1 DOSE ORCE 1 Animal (06/05/2015)—8.05—8.05—06/05/2015)—8.05 06/05/2015—06/05/2015)—8.05—06/05/2015 06/05/2015—06/05/2015)—8.05 06/05/2015—06/05/2015)—8.05 06/05/2015—06/05/2015)—9.05 06/05/2015—06/05/2015)—9.05	B - Possible	

NOBIVAC L4	AT-NLINTVINT-2015-AT		Austria .	Animal	Canine/dog	2 Year(s)	21/04/2015	07/05/2015	1 1	0 01/05/20	14 Not Known, <br< td=""><td>Urticaria,Pruntus,Facial oedema,Respiratory sound,Panting</td><td>No Data</td><td>Sizip Adverse Reaction: While reporting a current reaction post vaccination in a dog (see linked case 2015A-7.00037 He wet mentioned that the dog had previously reacted in a similar way one year before (approx May 2014). The dog had been vaccinated with Nobinac SIP, Nobinac T and Nobinac L4 and additionally treated with Expost Into "Mymptoms approx and he hours later massive puritus, and utilization on the whole body as well as a strong facial edema. According to the vet the dog had not shown sign of sirlocation, but had been parinting strongly and had shown strong respiratory sounds. It is not known if and how the dog was treated, but it had recovered similar to the current case, so approx on the same day. The dog had subsequently been vaccinated again with the same combination of vaccines approx half a year later (approx Nov 2015, EUL: treatment program) without reaction. No more information as pecket di. Reason for one for product: Generic: DIPLY IS reand: NOBINAC SIP 1001DS 122 Reason: Vaccination Generic: RABIES IN ALU ADILIVANT VS Brand: NOBINAC TIOXIMA. 2012 Reason: Unknown. Generic: ERFEMETHRIN SPOT-ON Brand: EXSPOT OXIMI. 120 Reason: Extoparsist control [] [State of health: Good]</td><td>ic</td><td>g 12</td><td>ESSPOT - N/AN/AN/A 24 Jufnorow Uninnova 1 Anima (10/15/2014- 01/05/2014)-RB-N-BB-N-001WAC SPF - 1.1/AN/A 2.41 Dose Once 1 Animal (01/05/2014- 01/05/2014)-RB-N-BB-N-001WAC - 1 1.N/AN/A 2.41 Dose Once 1 Animal (01/05/2014)-RB-N-BB-N-001WAC - 1 1.N/AN/A 2.41 Dose Once 1 Animal (01/05/2014-BB-N-010-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014)-RB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05</td><td>B - Possible</td><td></td></br<>	Urticaria,Pruntus,Facial oedema,Respiratory sound,Panting	No Data	Sizip Adverse Reaction: While reporting a current reaction post vaccination in a dog (see linked case 2015A-7.00037 He wet mentioned that the dog had previously reacted in a similar way one year before (approx May 2014). The dog had been vaccinated with Nobinac SIP, Nobinac T and Nobinac L4 and additionally treated with Expost Into "Mymptoms approx and he hours later massive puritus, and utilization on the whole body as well as a strong facial edema. According to the vet the dog had not shown sign of sirlocation, but had been parinting strongly and had shown strong respiratory sounds. It is not known if and how the dog was treated, but it had recovered similar to the current case, so approx on the same day. The dog had subsequently been vaccinated again with the same combination of vaccines approx half a year later (approx Nov 2015, EUL: treatment program) without reaction. No more information as pecket di. Reason for one for product: Generic: DIPLY IS reand: NOBINAC SIP 1001DS 122 Reason: Vaccination Generic: RABIES IN ALU ADILIVANT VS Brand: NOBINAC TIOXIMA. 2012 Reason: Unknown. Generic: ERFEMETHRIN SPOT-ON Brand: EXSPOT OXIMI. 120 Reason: Extoparsist control [] [State of health: Good]	ic	g 12	ESSPOT - N/AN/AN/A 24 Jufnorow Uninnova 1 Anima (10/15/2014- 01/05/2014)-RB-N-BB-N-001WAC SPF - 1.1/AN/A 2.41 Dose Once 1 Animal (01/05/2014- 01/05/2014)-RB-N-BB-N-001WAC - 1 1.N/AN/A 2.41 Dose Once 1 Animal (01/05/2014)-RB-N-BB-N-001WAC - 1 1.N/AN/A 2.41 Dose Once 1 Animal (01/05/2014-BB-N-010-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014-01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014)-RB-N-010-05 BB-N-010-05-05 CPC 1 Animal (01/05/2014)-RB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05 BB-N-010-05	B - Possible	
											R> Yes	vated liver enzymes	No Data	was handed out to the owner which the owner applied approx. on 24 Apr 2015. On 28 Apr 2015, the dog showed wonling and elevated the revalues of 380 IUI, GPT; reference range 55 IUI, JPI and test paracreatilist was diagnosed (exact values not reported). In the following days, / weeks, the dog showever diarrhoes and vomiting fluctuating; increasing decreasing etc. Since 09.4 In 2015, it showed again diarrhoes and vomiting and is currently under therapy with infusion in the practice. The vet assumed that the situation will stabilize, but will constant self worsering should occur. Otherwise on more information expected. Case closed. [Reason for use for product: Generic FILURALNER CHEW TABLETS Brand: BARYCTO 2500M SLITAR EUI Reasons Cetoparasitic control Generic: LEPTO*4[ICT_CAN_CRIPP_BRAT] KB Brand: NOBIVAC L4 50X105 540 Reason: Vaccination] [State of healths. Good!	d		Tableto Once 1 Animal (24/04/2015- 24/04/2015)-GBR->BR>-Nobivac L4 - 1N/AN/A/2 AL Dose Once 1 Animal (21/04/2015-21/04/2015)-GBR>-≺BR>	Unclassifiable/unassessa ble	
	AT-NLINTVINT-2015-A1		Austria .	Animal	Canine/dog		11/06/2015	12/11/2015	1 1		15 Not Known	Non-regenerative anaemia, Weakness, Fatigue	Not Known	Sispected Adverse Reaction: One dog (Wire-haired Dischhand) was succinated with Nobbuc L4 approx. on 11 Jun 2015 at another ver. to napprox. 11 Jul 2015, the dog was presented to the attending ver. due to fatigue, dog was languid and floppy, since 3 weeks (so onset of symptom approx. 1 week port succination, approx. 20 Jun 2015). Upunt galby jogging with Its owner, the days showed visible physical degradation of performance. Cardac, faceal and examination of blood only revealed very midl non-regenerative anaemia. Treatment with analgesics bowed almost no improvement and so was stopped again. Since Aug 2015 the dog showed time periods where problem had improved and in CC 2015 the dog was the same as before. No more information expected. (Resson for use for product: Generic: LEPTO*4[CT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X1D5 540 Resson: Vaccination () State of health: Unknown.	Other g Canine/dog	8.7	Nobivac (4 - N/AN/AN/A ,N/A,unknown (11/06/2015- 11/06/2015)-BR×-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	AUT-MERCKMSD-2016-	-AT-00015	Austria	Animal	Canine/dog	9 - 12 Week(s)	01/01/2016	22/02/2016	4 4	0 01/01/20	16 Yes, <e R> >BR>Yes</e 	Allergic oedema, Anaphylactoid reaction, Allergic reaction	No Data	SAR: 4 dogs had been vaccinated with Noblwac SHPPI (Booster vaccination) and Noblwac L4 (1st vaccination) in 2015. All 4 dogs showed laepicy/anaphylactic reaction (neck, ears and face swollen): A 4 recovered quickly after treatment with cortisone. Case closed. [Reason for use for product. Generic: DHPR L7 (Brant. NOBIVAC L8) (Brant. NOBIVAC L4 10X105 S40 Reason: Vaccination) [State of health: Good!	Other II Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (01/01/2016- 01/01/2016):BR>-BR>Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose (01/01/2016-01/01/2016) 	B - Possible	
	AUT-MERCKMSD-2016		Austria	Animal	Canine/dog	1.5 Year(s)	08/04/2016	11/04/2016	1 1	0 09/04/20	16 Yes, <e R>SR>SR>Yes GR>SR>SR>Yes BR> Yes</e 	Central nervous system disorder NOS, Ataxis, Jindi Ilimb ataxis, Sensory abnormality NOS, Unsteady gait	No Data	Suspected adverse reactions: On 08 Apr 16 in the revening a dog was vaccinated with hobbus CSIPP, Nonbianc L4 similarious CSIPP, Nonbianc L6 similarious CSIPP, Nonbiance CSIPP,		31	NOBINACT - 1.N/A.VIA, 24,once (0g/04/2016; 0g/04/2016; 0g/04/2016	B - Possible	
	AUT-MERCKMSD-2016-		Austria	Animal	Canine/dog		06/04/2016	02/05/2016	1 1	0 06/04/20	R> Yes	Facial swelling (see also 'Skin'),Generalised rash,Hypersensitivity reaction	No Data	Suspected adverse reaction: One dog (Pointer, German short half) was booster vaccinated with Nobbuca SHPP and Nobbuc Let simulationsoil. 30 minutes later the dog showed a hypersensibility reaction with facial swelling and a rash covering the whole body. The dog received treatment with cortisone (lobs unknown) and recovered within 30 minutes. Case closed. (Reason for use for product: Generic 19PP LV Brand: NOBVICS-SHPPI XDISIZ 122 Reason: Vaccination Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) XB Brand: NOBVIVAC L4 10X1D5 540 Reason: Vaccination) [State of health: Unknown].	German Short haired Pointing Dog	- 9.5	Nobivac L4 - 1,N/A,N/A ,24,once (06/04/2016- 06/04/2016-BR> Nobivac SHPPI - 1,N/A,N/A ,24,once (06/04/2016-06/04/2016) 	B - Possible	
	AUT-MERCKMSD-2016-			Animal	Canine/dog	Week(s)	02/05/2016	03/05/2016	1 1		R×BR>Yes BR>BR>BR>F BR>F	oedema, Respiratory distress	No Data	Suspected adverse reaction: On DI May 2016 a 11.5—week-old puppy was vaccinated with Noblava SPIFP and Noblava Cst immulaneously and Noblava C noncurrently, Approx 1. hour after vaccination the dog showed massive facial swelling (especially eyes and flews) and strong pruritur at the head and vominted several time. Respiratory involvement (ocean) could not be excluded. The owner treated the dog with one Predissione tablet (5mg) after consultation with the vet and approx 30 minutes last the symptoms had improved. Until the next day the dog had fully recovered. Note: At the time of vaccination the owner had first said the dog was 12 weeks old; therefore also rables vaccine was applied, but according to the vaccine care the dog was 10 x11 seeks old [LIU. treatment propound pulse), but according to the vaccine care the dog was 10 x11 seeks old [LIU. treatment propound pulse). As a careford from the control of the control of the control of the control of Reason vaccination Generic: LEPTO*4[ICT_CANCEIPP.RRAT] KB. Brandt NOBIVAC 1 SOXIDS 540 Reason: Vaccination Generic: RABIETS in ALU ADJUVANT KV Brandt NOBIVAC T SOXIML 120 Reason Vaccination] [State of health: Good]	Flat-coated e Retriever		NOBHACT - 1.N/A/N/A 24.0nce (02/05/2016- (02/05/2016-BRBR-Nobivac 14- 1.N/A/N/A 24.0nce (02/05/2016- 02/05/2016-BR->-BR->Nobivac 5/PP1 - 1.N/A/N/A 24.0nce (02/05/2016-02/05/2016)-BR->-BR->	B - Possible	
	AUT-MERCKMSD-2016-		Austria	Animal	Canine/dog	1 Year(s)	24/05/2016	25/05/2016	1 1		16 No, <b R> No, >BR> BR> No</b 	, , , , , , , , , , , , , , , , , , ,	Other	SAR: A dog was vaccinated with Nobixac SHPPI and Nobixac L4 and Nobixac T (all together in mixed syringe, EUL), Apport. I hour after the vaccination, an assive swelling in the facili area occurred. Cortisone treatment and infusion was applied and the swelling then abated quickly (log recovered). Ni more information espected. [Reason for use for product. [Generic: LEPTO*QICT_CAM, GIRPPBART) Brands NOBIVAC L4 IOXID5550 Reason: Vaccination Generic: DHPPI LV Brand: NOBIVAC SHPPI IOXID5122 Reason: Vaccination Generic: RABLES IN ALU ADJUVANT KV Brand: NOBIVAC T IOXIML 120 Reason: Vaccination] [State of health: Good]	Other Canine/dog		NOBIVAC T - N/A,N/A,N/A,N/A,N/A (24/05/2016)-BR> Nobivac L4 - 1,N/A,N/A,24,1 Dose (24/05/2016- 24/05/2016)-BR> Nobivac SHPPI - 1,N/A,N/A,24,1 Dose (24/05/2016-24/05/2016)-BR> 	B - Possible	
NOBIVAC L4	AUT-MERCKMSD-2016-	-AT-00066	Austria	Animal	Canine/dog	3 Year(s)	26/06/2015	09/06/2016	1 1	0 16/08/20	15 Not Known, 	Abnormal test result,Blood in urine,Haematuria	No Data	Suspected adverse reaction: One dog was vaccinated on 26 Jun 15 with Nobwac IBRI intransal, Nobbac Ld and Nobwac T and on 30 Jul 15 booter vaccinated with Nobbac Ld by the reporting vet. On 16 Aug 15 owner reported that the dog has blood in her urine. A SNAP test for Borrella and Anaplasma was tested positive, so the dog was started with Nobbac Ld Noboycelin. No improvement occurred, so the dog was transferred to the vet university clinic and after various diagnostics (total blood count, urine examination, intrasonud, yologol sa imple examination, a witwort infolings plenformed, the dog was diagnosed with idiopathic renal hermatura. The general health status of the dog is good. Vet was concerned for the vaccinet with Nobel vet 16 his year gaing. Case closel. Notes care was classified was concerned for the vaccinet with Nobel vet 16 his year gaing. Case closel. Notes care was classified (CANNEY PI IS/IV Brand Y NOBIVAC BBR 7XIIS-9XIIS DIL 122 Reason: Vaccination Generic RABIES IN ALU ADUVANT KV Brand: NOBIVAC LBR XIIS-SVIIS DIL 120 Reason: Vaccination [State of health: Good!]	Portuguese Water Spanie	19.9	NOBINACT - 1.N/A,N/A 24 once (26/06/2015)-(28R-e-8R-Nobivac BBP - 24/06/2015)-(3R-e-8R-Nobivac BBP - 24/06/2015)-(3R-e-8R-Nobivac L4 - 1.N/A,N/A 24,wice (4 Week(s) 26/06/2015-30/07/2015)-(3R-48R-	O - Unclassifiable/unassessa ble	

					_													
NOBIVAC L4	AUT-MERCKMSD-2016-AT-000		Animal	Canine/dog	Not Known	06/06/2016	28/06/2016	1 1	0 10/06/20	16 Not Known, <bi > <br Not Known</br </bi 	Injection site t swelling Inappetence, Fever	Not Known	Suppercial adverse reaction: One dog was vaccinated with Noblava SHPP and Noblava L (a (inknown if concurrently or aimteneously) on 60 to an 16 by the reporting eV. On 10 Jun 16 s swelling with 7 min diameter occurred after vaccination at injection site. The dog showed fever with 40° degrees, inappetence. The swelling was purctured and the purs was party removed. Therepy with Amoxicilin, Clavidian acid and Carporfen. Case closed [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPI 10105 122 Reason: Vaccination Generic: EPETO*4[CT,RAM,GRIPP,BRAT] KB Brand: NOBIVAC LV 10XLD 540 Reason: Vaccination] [State of health: Unknown]	Crossbred	13	Nobivac L4 - 1,N/A,N/A ,24,once (06/06/2016-06/06/2016)-BR> >BR>Nobivac SHPPI - 1,N/A,N/A ,24,once (06/06/2016-06/06/2016)-BR> 	B - Possible	
NOBIVAC L4	AUT-MERCKMSD-2016-AT-000	4 Austria	Animal	Canine/dog	2 Month(s)	12/07/2016	5 12/07/2016	1 1	0 12/06/20	16 No, R> No 		Not Known	Suspected adverse reaction: On 12 Jun 15 one puppy (Parson Terrier) was vaccinated with Nobivac SPI and 14 and by accident with Nobivac BPSI advokanceous (FLET route). 2 She later the doy was presented to the vet again with vomitus (5x, every 30 min), loose stools, reduced general health and fever 40.1°C (before 38.8°C). Treatment by infusion, stomach protector, pain reliever performed. The next day the owner reported the dojs to doing better. Not presented to the vet again. Case closed, [Reason for use for product: Generic 8B CANINE / PL IS/IV Brand: NOBIVAC BBP 3X155-XXLD SILL 272. Reason: Vaccination Generic: IPU F Isrand: NOBIVAC SPI DIGITO 127 Reason: Vaccination] Generic: LEFTO*4[CT,CAM,GRIPB/BBAT] KB Brand: NOBIVAC 14 SOXIDS 540 Reason: Vaccination] (State of health Code)	Other Canine/dog	Not Known	NOBIVAC BBPI - 1,N/A,N/A, 24,once (12/07/2016- 12/07/2016-)RN-SR>NOBIVAC SHP - 1,N/A,N/A, 24,once (12/07/2016- 12/	B - Possible	
NOBIVAC L4	AUT-MERCKMSD-2016-AT-000	7 Austria	Animal	Canine/dog	13 Year(s)	12/07/2016	13/07/2016	1 1	0 12/07/20	16 Yes, GR> R>BR>BR>Ye		No Data	Supercited adverse reaction: On 12 Jul 16 a dag was vaccinated with Noblava: SIPPI and Noblava: L18 simultaneously, Agrox 5 to 10 ministed after vaccination theog showed symptoms of an anaphylacit: shock: the dog collapsed, was howling! screaming, showed convolsions and uncontrolled stool (disturbea) and unne loss, later vorniting. The vet immediately applied a Controlled (Author) and drip influsion. Approx half an hour later the dog had stabilized, was still a listle weak. Dog released from, vet expects that the dog has recovered meanwhile. Case closed. Note: Same dog had reacted before to other vaccinations (see linked one 2016-AT-00088 and 2016-AT-00088) in (Reson for one for product. Generic: DIPPI V) Want AN (DRIVA VETPI OLITIS 1218-Reason: Vaccination) [State of health: Good]	Other Canine/dog	6.5	Nobiwa L4 - 1,N/A,N/A,24,once (12/07/2016 12/07/2016)-BR->BR->Nobiwac SHPPI - 1,N/A,N/A,24,once (12/07/2016-12/07/2016)-BR>>BR>	B - Possible	
NOBIVAC L4	AUT-MERCKMSD-2016-AT-000	2 Austria	Animal	Canine/dog	2 Month(s)	27/07/2016	27/07/2016	1 1	0 27/07/26	16 Yes, RXBRXBRXYe		No Data	Supported Adverse Reaction: A Bitch had received the basic immunisation in another practice on an unknown date in the past with the vaccine Bocan Novel DHPA/IR (company Boversi). On 27 Jul 2016, the blick was vaccinated with Nobloxs SHPPI and Nobloxa L4 (mixed, fresh sterile needle). After this vaccination, approx 15 minutes later, the eyes have swollen, first one eye, then both, and then the whole face has swollen. The dog also showed litching /scratching at the eyes. No dyspnose occurred. The vet administerated a cortisione to the dog. Whith a 30-48 minutes, improvement occurred. The vet handed out Bethesol-N-Augentropfen (eye dropp) for the Irching/scratching at the eyes. In the evening of the same day, the dog was obay again. The vet described the reactions as "swere?" and is sure that dyspnose would have occurred for immediate treatment and been applied. Case Occine. (Pleason for use for produce, Generic CHPP II V Frame N. ORBIVAC (14 10/1035 540 Reason: Vaccination) (State of health. Good)	Crossbred	2.2	Nobbact 1.4 - 1.N/A,N/A, 24,1 x 1 dose (27/07/2016) 27/07/2016)-BR>-CBR>-Nobbac SHPP - 1.N/A,N/A, 24,1 x 1 dose (27/07/2016-27/07/2016)-BR>-GBP>	B - Possible	
	AUT-MERCKMSD-2016-AT-001		Animal	Canine/dog		21/10/2016		4 1		16 Yes, GR> R>BR>Ye	I. Leucopenia, Haematemesis, Epilepti. c. seizure, Linable to stand, Death by euthanasia, Lateral recumbency, Apathy, Generalised weakness, Regurgitation	No Data	Suspected adverse reaction -6 pupples were vaccinated with Nobbus SIPM and Nobbus L18 simultaneously on 2 Dot 16 as part of basic immunization by the reporting vet . Dot 2 Dct 2 Dist one of these vaccinated pupples was presented to the reporting vet due to intense weakness. According to the attending vet was the pupple very apartitic and in lateral recumbency, the dog could barely state us. The log showed regurgation, and had an epileptic seizure. Blood analysis showed high-grade leukoperia. After another 12 hours the diog showed bloody menis. Due to his general health condition the puppy was estimated on 2 Dct 16. The dog is no longer available for further pathological sondorts. Generic: Defen IV B and ANDING SIEPH SIDDIS 22. Reason. Basic immunization Generic: LEFTO*4(Drt_CAM_GRIPP_BRAT) KB Brand: NOBIVAC L4 IOXIDS 540 Reason: Basic immunization IC species not health foods.	Chihuahua f		Nobivac L4 - 1,N/AN/A, 24,once (21/10/2016 21/10/2016)-BR->BR->Nobivac SHPPI - 1,N/AN/A, 24,once (21/10/2016-21/10/2016)-BR>>BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	AUT-MERCKMSD-2016-AT-001	O Austria	Animal	Canine/dog	19 Month(s) 27/09/2016	09/11/2016	1 1	0 10/10/20	16 No, R>SBR>SBR>CBR>No, SBR>SBR>SBR>BR>BR>SBR>No		e Other	SAI: On 27 Sep 2016 a dag was vaccinated with Nobivac SIPPI, Nobivac L4 and Nobivac T simultaneously mixed in one syringe and applied on the left flank. On 10 Oct 2016 the dag was presented again with a granuloma at the left flank (not sure if injection site, but assumed by owners). The attending vert commended to monitor it without further treatment. On 50 Ctt the dag was brought to a vet clinic due to pain at the left flank. In ultrasound an accumulation of fluid was seen. The dag was operated on 21 Cott. Surger revealed necrosis of the fatty tissue which reached to the abdominal wall (muscles?). This was sight and a drainage was inserted. On 02 Not the wound had healed without complications and the sturture were removed recovered. The vest 3 assessment to 3 unclassified to N unitably. Case closed. [Reason for use for product: Generic: DHPP] LV Brand: NOBINYL E1 100105 127 Reason's Coveration Generic: EUTO*4(CFC.AM/DRP) RATO*1 NB Brand: NOBINYL E1 100105 127 Reason's Coveration Generic: EUTO*4(CFC.AM/DRP) RATO*1 NB Brand: NOBINYL E1 100105 L1010 Flaces NOBINYL E1 100	Crossbred	21.3	Nobbact 14 - 1.N/A,N/A, 24.1 Dos Not applicable 1-A Inimal (27/09/2016-27/09/2016)-8RS-RBN-Nobbac Rabies - 1.N/A,N/A, 24.1 Dose Not applicable 1 Animal (27/09/2016- 27/09/2016)-8RS-Nobbac SHPP1 - 1.N/A,N/A, 24.1 Dose Not applicable 1 Animal (27/09/2016- 27/09/2016)-8RS-Nobbac	O - Unclassifiable/unassessa ble	
	AUT-MERCKMSD-2016-AT-001		Animal		1 Year(s)	01/09/2015	11/11/2016	1 1	0 01/09/20	Known, <bi> <br< td=""><td>></td><td>Known</td><td>SAR: The vet's own dog (Blewer Yorkshire Terrier, female, 1,1 was vaccinated with Nobius cs 19FP and Nobius C4 forcurrently in Sep 2015. Soon after the vaccination the dog but an anaphylactic restorior with weakness, vomitus, diarnhoea. Treated with influsions, recovered after about 2 days. Case closed Case Include to acts 2016-AT-00135 and 2016-AT-00135 (inmiter advener reactions in the same dog after subsequent vaccinations in Sep/Oct 2016). [Reason for use for product: Generic: DHPPI UV Branch NOBIVS PSPPI 10/LID 122 Reason Vaccination Generic: EEPT0*4(ICT,CAN,GRIPP,BRAT) XB Branch NOBIVS C41 10/LID 540 Reason: Vaccination [State of health: Good]</td><td></td><td>Not Known</td><td>Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (01/09/2015- 01/09/2015)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (01/09/2015- 01/09/2015)-BR> </td><td></td><td></td></br<></bi>	>	Known	SAR: The vet's own dog (Blewer Yorkshire Terrier, female, 1,1 was vaccinated with Nobius cs 19FP and Nobius C4 forcurrently in Sep 2015. Soon after the vaccination the dog but an anaphylactic restorior with weakness, vomitus, diarnhoea. Treated with influsions, recovered after about 2 days. Case closed Case Include to acts 2016-AT-00135 and 2016-AT-00135 (inmiter advener reactions in the same dog after subsequent vaccinations in Sep/Oct 2016). [Reason for use for product: Generic: DHPPI UV Branch NOBIVS PSPPI 10/LID 122 Reason Vaccination Generic: EEPT0*4(ICT,CAN,GRIPP,BRAT) XB Branch NOBIVS C41 10/LID 540 Reason: Vaccination [State of health: Good]		Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (01/09/2015- 01/09/2015)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (01/09/2015- 01/09/2015)-BR> 		
	AUT-MERCKMSD-2016-AT-001		Animal		2 Year(s)	15/09/2016	11/11/2016	1 1		16 Not Known	Anaphylactic-type reaction, Bloody diarrhoea, Vomiting, Weakness	Known	SAR: The vet's own dog had shown an advense reaction after vaccination in Sep 2015 (see linked case 2016A-70.0134) and was re-succination with Noblouc L4 alone about 1 year late (pagnor. 15 Sep 2016B, 30 minutes post vaccination the dog showed an anaphylactic reaction with massive vomitus, high gade weakenses, low grade blood darrhoea. Testiment with furtion. Do grecovered after 12 days. Case closed. Case is also linked to case 2016.4-7.00136 (similar reaction in the same dog after subsequent vaccination with Noblous Sep Plan alone Into 21.0016). [Reason for our for product: General LEPTO*4(CT_CAN_GRIPP_BRAT) RB. Brand: NOBIVAC L4 10X1D5 540 Reason: Vaccination] [State of health: Good!	Yorkshire Terrier	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (15/09/2016-15/09/2016) 	A - Probable	
	AUT-MERCKMSD-2016-AT-001		Animal		Not Known	01/01/2015	15/11/2016	1 1		15 Yes, BR>BR>Pes	and 'Systemic disorders')	' No Data	SAR: While reporting other cases [Cases 2016-AT-00134/135/136, Cases linked], the vet mentioned, that a similar reaction happened in another small dojn in 2016. A Chilbahuba was uccinated with Nobbac SHPPI and Nobiacs L4 and collapsed after 1-2 minutes. Treatment with glucose infusion. Vets assessment: vet was unsure if an anaphylactic reaction happened or if the dog collapsed because of stress/hypogylecumia. No further information is available, the case happened about one year ago. Case closed. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC SHPPI IDXIDS 122 Reason: Vaccination Generic: EEPT OLIC CANGRIPP,BRAT] XB Brand: NOBIVAC L4 10X1DS 540 Reason: Vaccination] [State of health: Good]	Chihuahua	Not Known	Nobivac 14 - 1,N/A,N/A, 24,1 Dose (01/01/2015- 01/01/2015/BR> Nobivac SHPFI - 1,N/A,N/A, 24,1 Dose (01/01/2015-01/01/2015)	O - Unclassifiable/unassessa ble	
NOBIVAC L4	AUT-MERCKMSD-2016-AT-001	4 Austria	Animal	Canine/dog	11 Week(s)	19/12/2016	5 02/02/2017	1 1	0 20/12/20	16 Not Known	Convulsion, Stiffness limb, Head tremor	Not Known	SAR: One puppy (breed Bawrian mountain scenthound) was vaccinated with Nobivac LE and other Nobivac vaccine, Gledish not yet know, will be provided in JUSI approx. 19 Dec 2016 at an age of 1 weeks. The same day the breeder gave away the puppy to the new owner. The next day lapprox. 20 Dec 2016) the new owner recognized that the dog plowed kind of comusions in Standing position, the legs strongly extended and the head was moving back and forth. This condition lasted for approx. 10 seconds and was observed once or markall wive a day PL pending Note: according to vet this breed shows a preligiosition for comusions when they are puppies. FU 2 Feb 2017. The owner started to feed the animal very periodically and this has reduced the symptoms to a very rank refrequency (plimos) completely disappeared). No further diagnostic was performed. Case closed. [Reason for use for product: Generic: ELFOTVALIC, EAK, GREPD RRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination] [State of health: Unknown)	Other 1 Canine/dog	Not Known	Nobhac L4 - N/A/V/A/N/A ,24,Unknown Unknown (19/12/2016 19/12/2016) -BR~BR>	O - Unclassifiable/unassessa ble	

NOBIVAC L4	AUT-MERCIMISD-2017-AT-00003	Austria	Animal	Canine/dog	7 Year(s)	27/12/2016	03/01/2017	1		27/12/2016	Yes, <br< br=""> R×BR>KBR>Yes, </br></br<>	Facial swelling (see also 'Sikin'), Reddening of the skin, Dyspnoea Respiratory signs, Swollen	No Data	SARI. A 7-year-old pag was vaccinated with Nobwac SHPPL, Nobloac T and Nobwac L 4 on 27 Dec 2016. It's vaccination history is unknown, but here vishowed an abever exection after vaccination hefore. 20 minutes after this vaccination the owner presented the dog to the vet again with high grade facial swelling, reddering of the skin and a very mild dyppnea. Treatment with Predrisione and Diphenhydramine and dog recovered soon. Case closed. (Reason for use for product; Generic: DHPP UR Branch, NOBINAC SHPPI 100155 122 Reason: Vaccination Generic: RBMES IN ALU ADILIVANT KV BRANCH NOBINAC SHPPI 100155 123 Reason: Vaccination Generic: ERDPG*QICT_ANGRIPPBART KB Branch. NOBINAC L4 10X1DS 540 Reason: Vaccination Generic: ERDPG*QICT_ANGRIPPBART KB Branch. NOBINAC L4 10X1DS 540 Reason: Vaccination Generic: Branch SHPAC L4 NOBINAC L4 Approx. 1	Pug	Not Known	Nobivac 14 - 1.N/AN/A, 24.1 Dose Not applicable 1.Animal (27/12/2016;-8R>-8R>-Nobivac Rabies - 1.N/AN/A, 24.1 Dose Not applicable 1.Animal (27/12/2016;- 27/12/2016;-8R>-4RP-Nobivac SHPPI - 1.N/AN/A, 24.1 Dose Not applicable 1.Animal (27/12/2016;- 27/12/2016;-8RS-4BR-Nobivac Nobivac 14 - 1.N/AN/A, 24.1 Dose Not Nobivac 14 - 1.N/AN/A, 24.1 Dose Not Nobivac 14 - 1.N/AN/A, 24.1 Dose Not	B - Possible	
NOBIVAC 14	AU1-WERCAWSU-2017-A1-00018	ALSTI	Animai	Canine/dog	a rear(s)	15/02/2017	15/02/2017			15/02/2017	R×BR×BR>Yes	respiratory signs, swonen eye, Allergic pruritus	NO Data	Section 13 rete 2017 of the gas was vectorized concurrently with recovers 1 and r	Pug	Known	Notivet L4 - 1,N/A,N/A, Z4,1 U05e 1 Animal (15/02/2017- 15/02/2017)-RBRRBR-Nobivac Rabies - 1,N/A,N/A, 24,1 Dose 1 Animal (15/02/2017- 15/02/2017)-RBRKBR>	p - kozzinie	
NOBIVAC L4	AUT-MERCHASO-2017-AT-00034	Austria	Animal	Canine/dog	16 Month(s)	07/03/2017	09/03/2017	1		07/03/2017	Not Known, BR SRS-SRS Not Known, BR SRS-SRS Not Known, BR Not Known	Behavioural disorder NOS/Pale mucous membrane, lateral recumbency, Facial swelling (see also 'Skin'), Reddening of the skin, Vomiting	Not Known	Supected adverse reaction: On 7 Mar 17 one dog was vaccinated with Nobbac SHP, Nobbac L4 and Nobbac Tunknown if immulaneously or concurrently. The dog was very anxious and fleged during vaccination, so intramuscular injection cannot be excluded. A few minutes after vaccination the dog vomited and got very quiet. The vert treated the dog substurdenceusly with infiviation and cortisione. Despite of that the dog started to show lateral rectumbency and pale mucous membranes, so intravenous infivious was given. The dog started to improve and vais sent home. After 30 minutes the dog was presented again (with visibly improvement, eating and drinking) but showed reddening and swelling of the flews and eyes. Until the next day the dog pale completely recovered. Attending verts elect of suspicion is probable – A. Note: the dog already showed SNA after vaccination one year before, entered in limited case 2017—470033. Case closed, Reason for use for product. Generic: RABIES NA LUJ ADILIVANT IV Brand NOBINACT IDIXIMI. 120 Reason: Vaccination Generic: DHPLV Brand. NOBINACT LOXIMI. 120 Reason: Vaccination Generic: DHPLV Brand. NOBINACT LOXIMI. 130 Reason: Vacci	Maltese	3.5	NOBINIX SHP - 1N/N/N/A 24 once (07/03/2017 - 07/03/2017)+RR->RR->Nobiwac L4 - 1N/N/N/A 24 once (07/03/2017 - 07/03/2017)+RR->RR->Nobiwac Rabies - 1N/N/N/A 24 once (07/03/2017)+RR->RR->Nobiwac Rabies - 1N/N/N/A 24 once (07/03/2017)+RR->RR->Nobiwac Rabies - 1N/N/N/A 24 once (07/03/2017)+RR->RR->NOR(03/2017)+RR->RR->RR->NOR(03/2017)+RR->RR->RR->NOR(03/2017)+RR->RR->RR->RR->RR->RR->RR->RR->RR->RR-	B - Possible	
NOBIVAC L4	AUT-MERCKMSD-2017-AT-00061	Austria	Animal	Canine/dog	2 Year(s)	01/04/2017	05/04/2017	q.	L O	01/04/2017	Yes, <b R> Yes</b 	Panting, Face and neck swelling (see also 'Skin'), Anaphylactic-type reaction, Pruritus	No Data	Supected Afverse Reaction: A fog (Chhuahua, about 2 yeans old) was vaccinated with hobbus SIPP and hobbus L1 in Agri 2012. One hour post vaccination the dog came back a emergency case with anaphylacit signs: strong swelling of the head/neck, general pruritus and panting. Successful treatment with Croinson-Euriber information: Owner reported, that the dog did show an anaphylacit reaction with vomitus one year ago, but other vaccine. Case closed. [Reason for use for product: Generic: DHPP I V Brant. NOBIVAC-SIPP JBRAT] NB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination [State of health: Good]	Chihuahua c	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose 1 Animal (01/04/2017- 01/04/2017) Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (01/04/2017- 01/04/2017) 	B - Possible	
	AUT-MERCRASO-2017-AT-00118	Austria	Animal	Canine/dog	8 Week(s)	17/05/2017	19/12/2017	8			No, RP BR> BR> BR>	Unsteady gail, Vocalisation, Seizure NOS, Death by euthanasia, Foaming at the mouth		SAR. Aver reported that she seccinated about 8 German Princhers (born 27.3.2017) with Nobious SMPPI and Nobbout 6.1 on 17 May 3017 75 weeks old; ELI, treatment program, object to young! 9 days post vaccination (26 May 17) one of the dogs showed unsteady gait, floaming, settures, oscillatation and had been esthanized in a neighbor vet clinic on the same day. The dog was forwarder to autopy and intensive investigation will be performed. Note: The vet reported that she noticed about 2-5 other fearman Princher pupples in former times, which showed similar signs after vaccination, only after the first vaccination, never after a re-vaccination (noc ase details available, unknown product). Vet persumed that there are interferences with material articuloset. Furly pending. Furl from 19 Dec 2017. The vet practice was contacted several times, however, the initially reporting vedoes not work there any more and the other vet cannot remember the case. Therefore, no more information was received. Case closed. [Reason for use for product: Generic-DiPPI LV Brand: NOBIVAC LPI J0001512 TR Besson: Vaccination Generic-LPTO*4(ICT,AM,GRIPP,BRAT) KB Brand: NOBIVAC LPI J0001540 Resson: Vaccination] [State of health: Good]	German Pinscher d	Not Known	Nebwa (14 - 1.N/AN/A 2.41 Dose Not applicable 1-Animal (17/08/2017- 17/08/2017-18R-S-BR-Neblwac SHPH - 1.N/AN/A 2.41 Dose Not applicable 1-Animal (17/08/2017- 17/08/2017)-BR-S-BR-	O - Unclassifiable/unassessa ble	
	AUT-MERCRASO-2017-AT-00148	Austria	Animal	Canine/dog	9 Year(s)	21/04/2017	25/07/2017	1	1	28/04/2017		Thrombocytopenia, Profuse bleeding, Epitski, Death by euthanasia, Weakness, Increased percentage reticulocytes, Pasthy, Mucosa preticulocytes, Pasthy, Mucosa preticulocytes, Pasthy, Mucosa spetchiela, Coalide doedema (not application stig), Pytopolibumiae mis, Petechiae NOS, Regenerative anaemia	No Data	SAR: One dag was vaccinated twice with Nobbac Li in Jun 2017. Two weeks after vaccination the dog showed bleeding, spetchiae and thromboryopena. FU percept Li 192 Jul 2017. One dog vaccinate with Nobbac Li on 21 Apr and 18 May 2017. Since middle/end of April lapprox. 7-10 days after first vaccination) the dog showed weakness, pastby, petchelae not the togue, gum bedeing and epitatasic. CT of the skull and thorax was performed without abnormalities. The dog was treated with antibiotics and beristepe. On 22 Jun 2017 the dog additionally received northine. On 27 Jun 2017 the dog and beristepe. On 22 Jun 2017 the dog additionally received northine. On 27 Jun 2017 the dog spresented to vet clinic. Examinations: Hemogram, blood chemistry, travel profile and ultrasound of the abdomen. Results: high glade thromboryopenia (22 Jun; rectudocytes) 253. Z Kymizro liter (reference range) 10-110, high glade bleeding in subcribers (12 Jun; rectudocytes) 235. Z Kymizro liter articular); travel disease tested negative (E. cans, Kyme disease, heart worms). Treatment: blood transfusion, Precinionoler 2 mg/kg initial told after two dogs sub, Cyclospoin Sing/gla oil. Heristocrit increased by 10 percent and dog was able to keep it stable, but still bleeding was observed. So consistent of the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, no the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, no temporary of the proposition of the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, no temporary of the proposition of the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, no temporary of the proposition of the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, no temporary of the proposition of the dog worstened (high grade hippotalbuminema (inassive perpheral edemi), further bleeding, not the dog worstened (high grade hippotalbuminema (inassiv	German d Shepherd Dog d h	244	Noblwac L4 - 1.N/A/M, A2A, 10 se 1 Animal (27 Joly) 2/10/4/2017 - 18/05/2017) - 18/05/2017) - 18/05/2017	O - Unclassifiable/unassessable	
	AUT-MERCXMSD-2017-AT-00175	Austria	Animal		18 Month(s)	14/09/2017	18/09/2017	1	0		Yes, KBR>KBR>Yes, KBR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>K	Tiredness,Facial swelling (see also 'Skin')	No Data	SAR: On 14 Sep 2017 a dag was vaccinated with Nobivac SIPP and Nobivac L4 simultaneously, and Nobivac T. Nobivac L5 simultaneously, and Nobivac T. Nobivac A strong facial swelling including mouth and cheeks. The dog received veterinary treatment with a Cortisone and Calcium. Over right the swellings subsided and after being a little tired the next morning the dog had completely reconvend. Periosus vaccinations had been tolerated well (unknown products). The vets suspicion is possible. Case closed. [Reason for use for product: Generic CHPPI LV Brand: NOBIVAC THORNING TERMONING TRANSPORT (NOBIVAC TRANSPIR) (NOBIVAC THORNING TRANSPORT (NOBIVAC TRANSPIR) (NOBIVAC TRANSPIR) (NOBIVAC TRANSPIR) (NOBIVAC TRANSPIR) (NOBIVAC TRANSPIR) (NOBIVAC TRANSPIR) (NOBIVAC L4 TOXIDS 540 Reason: Vaccination) [State of health: Good]	Shetland Sheepdog		Nobivac 14 - 1,N/A,N/A, 2,41 Dose Not applicable 1 Animal (14/09/2017- 14/09/2017)-BR>-BR>-Nobivac Rabies - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (1 Day(s) 14/09/2017- 14/09/2017-BR>-BR>-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (14/09/2017- 14/09/2017-BRSBRS-NOBIVAC	B - Possible	
NOBIVAC L4	AUT-MERCIONSD-2017-AT-00180	Austria	Animal	Canine/dog	1 Year(s)	09/10/2017	10/10/2017	1	0	09/10/2017	Yes, <b R> Yes</b 	Swelling NOS,Anaphylactic-type reaction	No Data	Supected adverse reaction: On 09 Cst 17 approx at 8 p.m. 1 dog was sectinated with Nobius CSIPFI and Nobius CSI Similaneously for the first time. A approx 1,0 m. the dog was speciented to a vet clinic. (eacut reaction and temporal relation are unknown, because the attending wet was only informed by the owner on the next day, Reporting vets supports an anaphylactic reaction, since the owner reported that the dog was all swollen. Kind of treatment in the vet clinic is unknown. The next day 100 cct) the dog har recovered. Attending vet's level of suppicions in possible = Note: Previous vaccination(s) had been performed with non-company vaccines. Case closed. [Reason for use for product: Generic OPPHI UT shared. NOWING XSIPPI SINDIZE PRESS INDICES 22 Reason: Vaccination Generic: EPPTO*4(CT_CAN_CRIPP_BRAT) KB Brand: NOBIVAC L4 10X105 540 Reason: Vaccination) [State of health; Good!]	French Bulldo	g 10-Dec	Nobivac L4 - 1,N/A,N/A, 24,once (09/10/2017- 09/10/2017- 09/10/2017/SRR>-BR>Nobivac SHPPI - 1,N/A,N/A, 24,once (09/10/2017-09/10/2017)-BR>-BR>-	B - Possible	

Inches Inches			1			Landania							1		In the second		L		
NOBIVAC L4 AUT-MERCK9		Austria	Animal	Canine/dog	1 Year(s)	06/10/2017	18/10/2017	1 1	0	05/10/2017	Yes, <br< br=""> R>BR>BR>BR>No, BR> BR>Yes Yes, Yes, Yes,<br< td=""><td>Anaphylactic shock Facial swelling (see also</td><td>No Data</td><td>Suspected adverse reaction: 1 dog was vaccinated with Nobbuc 5:9PP and Nobbuc 7 simultaneously IELU: simultaneous used and Nobbuc 1 concurrently not 60 cto 11 by the reporting vet. Thereafter, this day showed symptoms of an anaphylactic shock which was seen and treated with a high dose Coctionse injection by another vet. The dog recovered approx. the same day, Previous vaccination wit Nobbuc 5:PPP and Nobbuc Letpo on 19 Oct.15 and Nobbuc 1 and Nobbuc 1.4 on 14 Nov. 15 was tolerated well. Attending vet's level of assign ion is probable. A Note: case lineto 2017.A-F. 2018 (same practice, same vaccines). Case closed. [Reason for use for product: Generic: DHPP I UP Brand NOBINAC 1910.11.2 12? Reason: Vaccination Generic: RABIES IN ALU ADJULVANT KV Brand: NOBINAC 1910.11.1.2 3 Reason: Vaccination Generic: LETPO*4(ICT, CAN, GRIPP, BRAT) NS Brand: NOBINAC 14.00.1105.540 Reason: Vaccination Generic: LETPO*4(ICT, CAN, GRIPP, BRAT) NS Brand:</br></br></br></td><td>French Buildog h French Buildog</td><td></td><td>Nobiwa L4 - 1.N/A,N/A, 24,once (06/10/2017 - 06/10/2017)-8B><8B>-Nobiwa Rabies - 1,N/A,N/A, 24,once (06/10/2017 - 8B>-Nobiwa CRABES - 1,N/A,N/A, 24,once (06/10/2017 - 06/10/2017)-8B>-SB>-Nobiwa SHPFI - 1,N/A,N/A, 24,once (06/10/2017-06/10/2017)-8B>-SB>-Nobiwa C4 - 1.N/A,N/A, 24,once</td><td>B - Possible B - Possible</td><td></td></br<></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br<>	Anaphylactic shock Facial swelling (see also	No Data	Suspected adverse reaction: 1 dog was vaccinated with Nobbuc 5:9PP and Nobbuc 7 simultaneously 	French Buildog h French Buildog		Nobiwa L4 - 1.N/A,N/A, 24,once (06/10/2017 - 06/10/2017)-8B><8B>-Nobiwa Rabies - 1,N/A,N/A, 24,once (06/10/2017 - 8B>-Nobiwa CRABES - 1,N/A,N/A, 24,once (06/10/2017 - 06/10/2017)-8B>-SB>-Nobiwa SHPFI - 1,N/A,N/A, 24,once (06/10/2017-06/10/2017)-8B>-SB>-Nobiwa C4 - 1.N/A,N/A, 24,once	B - Possible B - Possible	
NOBIVAC L4 AUT-MERCK®	MSD-2017-AT-00184	Austria	Animal	Canine/dog	3 Year(s)	01/03/2017	18/10/2017	1 1	. 0	01/03/2017	R> No,	Facial swelling (see also Sikin), Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Vomiting	No Data	Suspected adverse reaction: I dog was succinated with Noblack SHPPI and Noblach T simultaneously ELUS simultaneous used and Noblack Lat Concurrently in Art 7. Thereafter, on the god valucanism (exact time to onset symptoms unknown) the dog started womiting and was close to a collapse (almos unconcious). The veri legicated pid noble Cortisione and the dog recovered but his face was still swollen. The swelling disappeared on the same day but the vet dosent know when exactly. Attending vet's level of suspicion is probable = A Note Previous vaccination in this combination was tolerated with. The case is linked to 2017-AT-00183 (same practice, same vaccines). Case closed. (Reason for use for product: Generic LOMPIY I Dark MONIVAC 1000M 2 2010 SE212 Reason Vaccination center of the Control of the Contro	French Bulldog	14.8	Nobiwa C4 - 1,N/A,N/A, 24,once (0,10/33/2017-01/03/2017)-eBR-Nobiwa Rabies - 1,N/A,N/A, 24,once (01/03/2017-01/03/2017)-eBR->BR>Nobiwa SHPPI - 1,N/A,N/A, 24,once (01/03/2017-01/03/2017)-eBR->BR>Nobiwa SHPPI - 1,N/A,N/A, 24,once (01/03/2017-01/03/2017)-eBR->BR>	B - Possible	
NOBIVAC L4 AUT-MERCK		Austria	Animal	Canine/dog		03/11/2017	22/11/2017	1 1	0	03/11/2017	NO, BR>KBR>KBR>NO, KBR>KBR>KBR>NO, KBR>KBR>KBR>KBR>KBR>KBR>KBR>NO	Vomiting.Facial swelling (see also 'Skin'),Itching.Tiredness	Other	SAR: On 31 Nov 2017 the set vaccinated the dog with Nobwac T, Nobwac SHPP and Nobwac L4 simultaneously mide on one syringe (earth-able use: simultaneous use of all three excines). As soon as the owner arrived at home they called the vet and reported that the dog vomited and was very treel, Later the dog knowed strong Exchines and the face was heavily swollen. The vet treated the dog with Cortisone and the dog recovered right away. No further information expected. Note: This case is likeded periodic sea 2017A7-00358 (cilister of reports forms ame vets). [Resonor for use for product: Generic: DHPPI LV Brand: NOBINAC SHPPI DXIOS 122 Resson: Vaccination Generic: LEPTO*4[ICT_CAM_REP_BRAT] is Barnat. ROBINAC SHPPI DXIOS 540 Resson: Vaccination (Seneric: RABIES IN ALU ADIUVANT KV Brand: NOBINAC STPI DXIOS. 120 Resson: Vaccination) [State of health: Good!	Beagle	13.65	Nobiwa (4 - 1,N/A)/A, 2,41 Dose Not applicable 1 Animal (03/11/2017- R-BR-Nobiwac Rabies - 1,N/A,N/A, 2,4,1 Dose Not applicable 1 Animal (03/11/2017- 03/11/2017-BR-P-BR-Nobiwac SHPPI - 1,N/A,N/A, 2,4,1 Dose Not applicable 1 Animal (03/11/2017- 03/11/2017-BBR-SBR-SBR- 03/11/2017-BBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR	B - Possible	
NOBIVAC 14 AUT-ZZELAN		Austria	Animal	Canine/dog	12 Week(s)	11/04/2016	09/11/2016	1 1		13/04/2016	Not Known-(BR>-GR >-GRA-GRA-GRA- Not Known-(BR>-GR >-GRA-GRA-GRA- Not Known-(BR>-GR >-GRA-GRA- Not Known	Leucopenia, Dierrhoea, Vomiting, Not id rinfing, Lack of efficery, Not eating, Abnormal test result, Sickness, Elevated liver enzymes, Hyperglycaemia	Not Known	case received from national authority. On 11-Ap-1-8 the owner went with his/her bitch to the attending vet for boots vaccination and devorming. The doys was vaccinated again with Nobbac L4 Nobbac SHPP. The vet gave two Milbernax tablets for 5 kg dogs and advised that the tablets should be administered to the dog in the evening. The dog was treated with Milbernax in the evening of the 11-Apr. On 13-Apr in the morning the first signs of sickness and womtling occurred. In the evening the dog showed diarrhes (partly also mucous) and do not want to eart and first. The dog received a solution water, sugar and saft. After a short recovery the dog got worse again and therefore the dog west to decide the same of the same signs in another dog lift is unknown of this After same of the same of the same signs in another dog lift is unknown of this After same of the same day, the dog received 2 labels to Milberas S [for one) of the same of th	Staffordshire Bull Terrier f	7	Drontal Plus Tablets - N/A,N/A/N/A 24,Unknown Unknind (S Weekls) 0,1/02/2016- 0/703/2016-8-R-B-Milleman 70/32/2016-8-R-B-Milleman Tablet Dog 2.5 mg - 2,N/A,N/A 2,40mc (1 10)4/11 11/04/2016-11/104/2016-8 11/04/2016-8-RB-Motholisa L4- 1/104/2016-8-RB-Motholisa L4- 1/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/104/2016-11/04/2016-8-RB-Motholisa L4- 0/104/2016-8-RB-Motholisa L4- 0/	O - Unclassifiable/unassessable	
NOBIVAC LA BE-FAGG-DVA	V-N2015-133	Belgium	Animal	Canine/dog	1.83 Year(s)	01/03/2015	21/05/2015	1 1		01/04/2015	> Not Known, <br< td=""><td>Pancytopenia/Petechiae NOS,Dull/Amemia NOS,Blood and Nymphatic system disorder NOS,Leucopenia/Peter murmur/Digestive tract disorder NOS,Vomiting, Decreased appetite,Hyperthermia,Chewing -oral cavity disorder (see also 'Purufus),Swalliouving difficult,Swollen lymph node,Bone marrow disorder NOS,Ecchymosis</td><td>Not</td><td>SAR imported from BE authority on 21 May 2015. Several VexDDRA codes added End of March, the do had problems southway and shelving. April 11, the vet thought that a near infection was the cause are treatment with antibiotics was given during 10 days. After these 10 days, the vet was consider again and the idea was that the inflammation of the ear was caused by problems in the throat since the submandbluar hymph nodes were swollen. Gentamycin and predissiolone were administered and tablets were given to continue treatment during 3 days. After a bort improvement in the morning, the situation worsened. One day later, a urine sample was collected and inflammation cells were detected. Unitation was normal. A few days later, granthayctin and predissiolone were reapted. That day, abnormal fasces were noted, first part black and harry, the second part normal with mouse. On 21/04 the vet was conculied again and the dog showed a temperative between 04 and 4/12. Blood analysis showed anemia (first 11/), leucopenia, escinopenia, hymfocytosis, increased Air, 7.x higher Aff. Bightly increased ureum and mild hypocalciens. During one month the day downed see appetit and is dull. The weekend before the dog somitted. Occasionally the dog drinks from puddies, buth does not swim in open water. The owner grows fruit and it is not excluded that the dog ingle house papetite and is dull. The weekend before the dog somitted. Occasionally the dog drinks from puddies, buth does not swim indom was a few laters of the dog in house that right, of the desiration of the desiration of the dog in the dog in house that right, of the desiration of the desiration of the day of the dog in house that right, of the desiration of the desiration of the desiration of the day of the dog in house that right, of the dog in the dog does not swim in dogs and substitute of the dogs in house that right, of the dogs and the dogs in the dogs and the dogs in house that right, of the dogs and the dogs in the dogs and problems and the dogs in the dog in house that</td><td></td><td>13.1</td><td>NOBINAC DHP 10X105 130 - NA/NA/NA/A 24/Infinown (01/03/2015- 01/03</td><td>O1 - Inconclusive</td><td></td></br<>	Pancytopenia/Petechiae NOS,Dull/Amemia NOS,Blood and Nymphatic system disorder NOS,Leucopenia/Peter murmur/Digestive tract disorder NOS,Vomiting, Decreased appetite,Hyperthermia,Chewing -oral cavity disorder (see also 'Purufus),Swalliouving difficult,Swollen lymph node,Bone marrow disorder NOS,Ecchymosis	Not	SAR imported from BE authority on 21 May 2015. Several VexDDRA codes added End of March, the do had problems southway and shelving. April 11, the vet thought that a near infection was the cause are treatment with antibiotics was given during 10 days. After these 10 days, the vet was consider again and the idea was that the inflammation of the ear was caused by problems in the throat since the submandbluar hymph nodes were swollen. Gentamycin and predissiolone were administered and tablets were given to continue treatment during 3 days. After a bort improvement in the morning, the situation worsened. One day later, a urine sample was collected and inflammation cells were detected. Unitation was normal. A few days later, granthayctin and predissiolone were reapted. That day, abnormal fasces were noted, first part black and harry, the second part normal with mouse. On 21/04 the vet was conculied again and the dog showed a temperative between 04 and 4/12. 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Occasionally the dog drinks from puddies, buth does not swim indom was a few laters of the dog in house that right, of the desiration of the desiration of the dog in the dog in house that right, of the desiration of the desiration of the day of the dog in house that right, of the desiration of the desiration of the desiration of the day of the dog in house that right, of the dog in the dog does not swim in dogs and substitute of the dogs in house that right, of the dogs and the dogs in the dogs and the dogs in house that right, of the dogs and the dogs in the dogs and problems and the dogs in the dog in house that		13.1	NOBINAC DHP 10X105 130 - NA/NA/NA/A 24/Infinown (01/03/2015- 01/03	O1 - Inconclusive	
NOBIVAC L4 BE-FAGG-DVV		Belgium	Animal	Canine/dog	Not Known	09/02/2016	26/05/2016	1 1	l.	09/02/2016	Not Known,
 Not Known</br 	Pruritus, Pain NOS	Not Known	Poison Center - Call from a veterinarian on a dog with tearfulness (pain NOS) and pruntus after IM Nobwac DNP and Nobwac L4 . The delay mentioned between the incident and the phone call (09/02/2016) was 12 hours. A follow up is expected. On 6 JULY 2016-No follow up was received. Cas closed	Not Applicable	Not Known	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (09/02/2016- ,N/A)-SBR>SBR>Nobivac L4 - ,N/A,N/A,N/A,N/A,N/A (09/02/2016- ,N/A) 	O - Unclassifiable/unassessa ble	Association in time , possible signs and too succinct information to can draw an appropriate conclusion
NOBIVAC L4 BE-FAGG-DV	V-N2017-058	Belgium	Human	Human	Not Known	14/12/2016	01/02/2017	1 1	. 0	14/12/2016	Not Known,
 >BR></br 	Injection site oedema	Not Known	Poison Center - Public call on a woman with injection site oedema after SC of NOBIVAC DHPPI and NOBIVAC L4. No delay between the incident and the phone call (14/12/2016). Additional information from Poison Center: the owner had injected himself. Local swelling Case closed.	Human	Not Known	NOBIVAC DHPPI - ", NOBIVAC L4 - ", 	No assessment performed	Association in time , Off label use, sign is compatible after self injection. Two products were used

NOBIVAC L4	BE-FAGG-DVV-N2017-212	Belgium .	Animal	Canine/dog	4 Year(s)	07/03/2017	12/05/2017	1 1	07/03/201	7 Not Known,
 Not Known</br 	Pale mucous membrane,Low blood pressure,Loss of consciousness,Weakness,Anaphyla ctic shock,Apathy,Prolonged capillary refill time,Decubitus,Weak	Not Known	Form from a veterinarian received on 12/05/2017 on a dog (Pug-male neutered -4 years -10.5 kg) affu vaccination (SC) with Nobius CDHPPI and Nobius cl. 1. Time to onset reaction - 1.0 minutes. The dog showed some apartly weakness on the parking lot of the center. Mucous membranes whites / Jules weak / low blood pressure +++/weakness +++/sternal decubitus / loss of consciousness / increased capillary refit limes*-i-Treastrent: decamentasione file 4-102 - always not better. Adventillar 4-ngt.	er Pug	10.5	NOBIVAC DHPPI - N/A,N/A,N/A N/A,N/A (07/03/2017- N/A)>BR> NOBIVAC L4 - N/A,N/A,N/A,N/A,N/A (07/03/2017- N/A) 	B - Possible	Strong association in time and signs fit in the pharmacological profile of the product. Two vaccines were used .Therefore the case is assessed as B
											puise		Recovery in 3 - 4 hours. The dog had been vaccinated with Eurican CHPPI + Istolept +canigen cHP+I without reaction. The assessment of veterinarian: the dog was healthy before: probably anaphylactic book.	:				
	BE-FAGG-DVV-N2017-318	Belgium .	Animal	Canine/dog	Not Known		25/07/2017	1 1		7 Not Known	Hind limb paralysis,Anorexia	Not Known	Complaint received from an animal owner on an At after administration of Nobback L4: one week after vaccination to dep fland on strength in the hind legs, could not stand up on wails. And Ill blood examination was performed, scan of neck, back and hind legs, bone marrow purcture and ultrasound of the abdomen. No indication of the paralisk was found. In the previous years the dogs had receive the 'old vaccine and newer experienced problems. After 2 months and weekly fysiotherapy there is improvement. The dag last obnewed anomesia. [Reason for use for product: Generic: LEPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 IDXIDS 545. Reason: Vaccination] [State of health: Unknown).	Not Applicabl	Known	NOBIVAC L4 10X1D5 545 - N/A,N/A,N/A, 24,Unknown Unknown 1 Animal (01/01/2017- 01/01/2017) BR> BR>	O - Unclassifiable/unassessa ble	Awaiting further information. Analyses were performed but no results were communicated.
	BE-FAGG-DVV-N2017-394		Arimal	Canine/dog	7 Year(s)	28/08/2017	20/09/2017	1 1	1 29/08/201	Yes, GBP-GBP-GB P-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GB	Groaning Lamenes, Death Anorexia, Lumbar pain, Letharpy (See also Central nervous system depression in 'Neurologica'), Fever-Skin haematoma, Prostration	a No Data	From from a vet received on 32/08/2017 on a dog (5 lsh Tau-male neutered- 7) - 8.4 kg) after S.C of Nobbox cri (A ASBO) and Nobbox cat (A ASBO) and No	n L	8.4	NOBINAC L4 IDXLIDS 545 - NA/NA/NA/N 24 Juhinown Unknown I Animal (28/08/2017- 22/08/2017)- 22/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 23/08/2017- 28/08/2017- 28/08/2017- 28/08/2017- 28/08/2017- NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	O.1 - Inconclusive	Association in time. Lameness, Feer, Limitar pain could be post vaccine reactions, however, no blood test was performed and the results of necropay remain inconclusive. Multiple drugs were used.
NOBIVAC L4	BE-FAGG-DVV-N2017-565	Belgium	Animal	Canine/dog	7 Week(s)	17/05/2016	15/01/2018	1 1	1 02/04/201	5 Not Known,-BR> -CBR No,-GR>-GR No,-GR>-GR Not Known	Seiture NOS. Death, Neurological symptoms NOS. Status epilepticus	Other	Case received from NCA Form from an owner received on 24/11/2012 on a dog (born on 100/2/2016) a free vaccination with Nobuse 1.4. First injection on Nobiese 1.4 on 25/30/2/2017 [of number: A041A01] and the second injection on 17/05/2017 (lof number: A041A01]. Neurological dendereds (further to the first injection) evolving into the epileppoy of great out (lastus epileptoxis) and 04/05/216 affect the second injection. Criscs of 4 / 2 minutes, at the rate of several a month [1-20] an three during 19 months. The dog is dead Other tests: blood sets: normal- brain sean normal-Analysis of cerebrospinal fluid: normal-magnetic Bioresonance. Treatment:Phenoleptil high dose, essay of criscas, homeopathy, acquancture. Follow up on 39/11/2017, the death of the animal on 3/11/2017 following to several crises. The dog Pepsi was a Belgian Shepherd Tervueren, female - 136g; Treatment: Phenoleptil 2007 per dept in two administrations during August 2016 in November 2011 and Crissa, 4 tablets per day from June 2016 till August 2016. 15.10A/2018 Clarification received from the NCA. Vaccination dates of Nobies Let. 25.70AAC2016 and TANAY2016, (Noz 2017) This was already corrected in the product screen before. 2nd clarification: Phenoleptil and Crissa are to be registered as concomitant because MCA informed us they did not not receive information concerning the frequence of the criss and on the use of Phenoleptil. A request has been sent to the veterinarian by the NCA, but no response was reselved. Event narrative and product screen upstated. No administrational information awalted. Case closed. [Reason for use for product: Generic: Error 2(ICT,CAN,GRIPP,BRAT) to Rean NoblaNCL at 201015545 Research and product screen upstated. No administrational information awalted. Case closed. [Reason for use for product: Generic: Branch Pernoleptil Reason: Epilepsy Generic: Branch Crissa Reason: Epilepsy [State of health: Unknown]	Belgian Shepherd Dog Tervueren d	-	Crissa - AJ/AL Dsys_24,4 Tables 1 Dsys_1 Animal (Dio/K)2016- 01/08/2016-RRRB-N001WAC L4 DXID5 55-3 - NA/ANA/A 2-8,Unknown Not applicable 1 Animal (17/05/2016)-RBRBRBRBRBRBRBRBRBRB	O - Unclassifia ble/unassessa ble	Stress, excitation and medication in general may possibly trigger an epileptic seture in epileptic avitation in general may possibly trigger an epileptic seture in epileptic variants. Epilepsy is more often seen in this dog breed
NOBIVAC L4	BE-FAGG-DVV-N2017-586	Belgium	Animal	Canine/dog	4 Year(s)	24/11/2017	05/12/2017	1 1	0 24/11/201	7 Not Known,
 <kr> Not Known</kr></br 	Angioedema, Urticaria, Pruritus	Not Known	Case received from NCA. Form from a veterinarian received on 29/11/2017 on a dog. (French buildog male-14,8 kg-4 years) after vaccination with Nobbax L6 (batch a074a02) administered SC in the flank. Within one hour after administration the 60g showed utricain and angleedem in the region of the injection and severe pruritus in the flank and the head. The signs lasted for 16 h. (Reason for use for product: Generic: EUFO*40(FC.XA/BRP.RBAT) NB BRATN ROBEATOR NOBNAC L4 (2010/5545 Reason: Vaccination Generic: Brand: Supreborin Reason: Unknown.) [State of health: Unknown]	- French Bulldo	g 14.8	NOBIVAC L4 10X1DS 545 - N/A,N/A,N/A, 24,Unknown Not applicable 1 Animal [24]:11/2017- 24/11/2017-BR->BR-Suprelorin - N/A,N/A,N/A,N/A,N/A (N/A- N/A) -BR>	A - Probable	Associative connection in time and Adverse event fits the pharmacological/toxicological profile of the product and No other equally plausible explanation and No indication of insufficient/unreliable information.
NOBIVAC L4	BE-NLINTVINT-2013-8E-00151	Belgium	Animal	Canine/dog	14 Week(s)	19/10/2013	18/11/2013	1 1	1 19/10/201	3 No, <br< td=""><td>Diarrhoes.Gastroenteritis.Vomiting Licterus,Anuria,Renal disorder NOS,Death by euthanasia.Appette loss.Accles_Active renal failure.General illness,Organ petechiae_Liver degeneration</td><td>Other</td><td>Suspected adverse reaction. Vomitting and diarrinoses was observed in a 14 week old pp 30 minutes after vaccination with Vangaund ADR-FEV and Noblexet 6 and 19 Oct 2013. 2 doisy later the day suppresented to the vet clinic with loss of appetite and yellow membranes. The pup was kept in loservation with Viding and amokeling hollogeness on 20 Cet 2013 acute rear fall after (loss of Vital functions). No results from blood or urine analysis are available at this moment. The pup was reviewly already accinated with a CPV and DFIP vaccine from its unknown, and an altergic reaction against these antigenes is not suspected according to the attending vet. Further examination pending, Follow-up 24 Oct 2013. Dog has been entermined on 32 Oct 2013 because of blooder kidneys (no urination in spite of Insistion) and decline of general health status. The body has been sent for autopin currently pending; 1980/VOV/2013 follow up autopin year of Usal Decision (accident films) and exception of the present pending 1980/VOV/2013 follow up altopy report Usal Decision (accident films) and accident of the present pending 1980/VOV/2013 follow up acceptance of the present pending 1980</td><td>Shiba Inu</td><td>3</td><td>NOBINAC L4 IDXLIDS 545 - JA/NA/N.2.43 Dose Once 1 Animal [19/10/2013- 19/10/2013- 19/10/2013- 19/10/2013- IDAPF-CPV - L1N/NA/N.2.41 Dose Once 1 Animal [19/10/2013- 19/10/2013)-BR>-BR></td><td>O1 - Inconclusive</td><td>Clinical symptoms, histological picture, positive serology and PCR make it most likely that the dog suffered from a Leptospirosis infection prior to vaccination fewer hough the vomiting and diadricea could be related to a hypersensitivity reaction post vaccination, they calcine were used so it is impossible to distinguish the vaccine responsable for these signs. PCR Pancy pending. Valling additional information. For the moment NCA assess as O.1.</td></br<>	Diarrhoes.Gastroenteritis.Vomiting Licterus,Anuria,Renal disorder NOS,Death by euthanasia.Appette loss.Accles_Active renal failure.General illness,Organ petechiae_Liver degeneration	Other	Suspected adverse reaction. Vomitting and diarrinoses was observed in a 14 week old pp 30 minutes after vaccination with Vangaund ADR-FEV and Noblexet 6 and 19 Oct 2013. 2 doisy later the day suppresented to the vet clinic with loss of appetite and yellow membranes. The pup was kept in loservation with Viding and amokeling hollogeness on 20 Cet 2013 acute rear fall after (loss of Vital functions). No results from blood or urine analysis are available at this moment. The pup was reviewly already accinated with a CPV and DFIP vaccine from its unknown, and an altergic reaction against these antigenes is not suspected according to the attending vet. Further examination pending, Follow-up 24 Oct 2013. Dog has been entermined on 32 Oct 2013 because of blooder kidneys (no urination in spite of Insistion) and decline of general health status. The body has been sent for autopin currently pending; 1980/VOV/2013 follow up autopin year of Usal Decision (accident films) and exception of the present pending 1980/VOV/2013 follow up altopy report Usal Decision (accident films) and accident of the present pending 1980/VOV/2013 follow up acceptance of the present pending 1980	Shiba Inu	3	NOBINAC L4 IDXLIDS 545 - JA/NA/N.2.43 Dose Once 1 Animal [19/10/2013- 19/10/2013- 19/10/2013- 19/10/2013- IDAPF-CPV - L1N/NA/N.2.41 Dose Once 1 Animal [19/10/2013- 19/10/2013)-BR>-BR>	O1 - Inconclusive	Clinical symptoms, histological picture, positive serology and PCR make it most likely that the dog suffered from a Leptospirosis infection prior to vaccination fewer hough the vomiting and diadricea could be related to a hypersensitivity reaction post vaccination, they calcine were used so it is impossible to distinguish the vaccine responsable for these signs. PCR Pancy pending. Valling additional information. For the moment NCA assess as O.1.
NOBIVAC L4	BE-NLINTVINT-2013-BE-00167	Belgium .	Animal	Canine/dog	10 Week(s)	28/10/2013	20/11/2013	1 1	0 30/10/201	Known, <br< td=""><td>Leucopenia, Haemorrhagic diarrhoea, Enteritis, Vomiting, Fever, Dehydration, Abnormal test result</td><td>Not Known</td><td>2 days after vaccination with Nobivac L4 a pup presented with fever 31 1°C, omitting diarrhoea, dilated intestinal loops, 4 days after vaccination dehydration, slimy wornt, hemorrhagic diarrhoea, dilated intestinal loops, 4 days after vaccination dehydration, slimy wornt, hemorrhagic diarrhoea, feres posither for CPV, white blood cell depletion, hospitalistion, infusion, antibioticis, primperan, cerenia, whogen; Kernel owner accuses vaccination with Nobivac L4. Remel vet has no information on senious health problems in kernel. Vaccinations in kernel 21.5 epp Primode paid 30 CH Vanjand DIPPPC-PV-Preumodog, 28 Oct vaccination with Nobivac L4 and deworming, 20 Nov 2013: No more information expected. Comments Not-The use of vangand-DIPPPC-PV had been confirmed by interveit [Reason for use for product: Generic: LEPTO*4(ICT,CAN/GRIPP,BRAT & Branch NOBIVACL 1 d10XID5 545 Resons: Prophylaxis Generic: Branch Primodog (Mervilla) Resons: Prophylaxis Generic: Branch Primodog (Mervilla) Resons:</td><td>Staffordshire Bull Terrier</td><td>Not Known</td><td>NOBIVAC L4 10X1D 5.45 - 1 ,1/A/A/A, 2.4, 1 Dose Once 1 Animal (12/A/A/A, 2.4, 1 Dose Once 1 Animal (12/A/A/A), 2.4, 1 Dose Once 1 Animal (28/A/A/A), 2.4, 1 Dose (Merial) - N/A,N/A, 2.4, 1 Inknown Once (15/09/2013)-6RR-6RR-Vanguard DAZPI-CPV (Zoetis) - N/A,N/A,N/A ,2.4, 1 Inknown (15/10/2013) 15/10/2013)-6RR-6RR-Vanguard DAZPI-CPV (Zoetis) - N/A,N/A,N/A ,2.4, 1 Inknown (15/10/2013) 15/10/2013)-6RR-6RR-Vanguard</td><td>N - Unlikely</td><td>clinical picture of CPV and positive identification make it clear that dog was in incubation of CPV infection at moment of vaccination with Nobivac L4</td></br<>	Leucopenia, Haemorrhagic diarrhoea, Enteritis, Vomiting, Fever, Dehydration, Abnormal test result	Not Known	2 days after vaccination with Nobivac L4 a pup presented with fever 31 1°C, omitting diarrhoea, dilated intestinal loops, 4 days after vaccination dehydration, slimy wornt, hemorrhagic diarrhoea, dilated intestinal loops, 4 days after vaccination dehydration, slimy wornt, hemorrhagic diarrhoea, feres posither for CPV, white blood cell depletion, hospitalistion, infusion, antibioticis, primperan, cerenia, whogen; Kernel owner accuses vaccination with Nobivac L4. Remel vet has no information on senious health problems in kernel. Vaccinations in kernel 21.5 epp Primode paid 30 CH Vanjand DIPPPC-PV-Preumodog, 28 Oct vaccination with Nobivac L4 and deworming, 20 Nov 2013: No more information expected. Comments Not-The use of vangand-DIPPPC-PV had been confirmed by interveit [Reason for use for product: Generic: LEPTO*4(ICT,CAN/GRIPP,BRAT & Branch NOBIVACL 1 d10XID5 545 Resons: Prophylaxis Generic: Branch Primodog (Mervilla) Resons: Prophylaxis Generic: Branch Primodog (Mervilla) Resons:	Staffordshire Bull Terrier	Not Known	NOBIVAC L4 10X1D 5.45 - 1 ,1/A/A/A, 2.4, 1 Dose Once 1 Animal (12/A/A/A, 2.4, 1 Dose Once 1 Animal (12/A/A/A), 2.4, 1 Dose Once 1 Animal (28/A/A/A), 2.4, 1 Dose (Merial) - N/A,N/A, 2.4, 1 Inknown Once (15/09/2013)-6RR-6RR-Vanguard DAZPI-CPV (Zoetis) - N/A,N/A,N/A ,2.4, 1 Inknown (15/10/2013) 15/10/2013)-6RR-6RR-Vanguard DAZPI-CPV (Zoetis) - N/A,N/A,N/A ,2.4, 1 Inknown (15/10/2013) 15/10/2013)-6RR-6RR-Vanguard	N - Unlikely	clinical picture of CPV and positive identification make it clear that dog was in incubation of CPV infection at moment of vaccination with Nobivac L4

NOBIVAC LA	BE-NLINTVINT-2014-BE-00022 BE-NLINTVINT-2014-BE-00061	Belgium	Animal	Canine/dog	5 Year(s)	01/01/2014	21/01/2014	1	1 0	01/01/2014	Yes. <br×br×b< td=""><td>Hypersalivation,Convulsion Impaired vision.Uveltis.Eve disorder</td><td>No Data</td><td>tetanic convolisions and excessive salivation. I day after vaccination with Nobivac L4. No loss of consciousness. Several crises lasting 30 seconds at intervals of simulates. Treated with 1 vial valuation and continone (Lings)(a) After a few minutes the crises stopped and after 30 minutes the dog was normal again. Dog in good health with the history of epilepsy vaccine stored in friging and injected secundum artem. Other dogs vaccinated with the same batch and packaging did not present any symptoms. Report for standled to emaldiness and mail health communications L50 on 2LIAM and transmitted to MSDAH Belgium on 22JAN2014 at 3-51pm. [Reason for use for product. Generic: LEPTC 4]CIT, CAM, CRIPP, BAR11, VB. Branch. NOBINYAC L4 IDXLDS 545 Reason. Prophylaxia) [State of health. Good)</td><td>Other Canine/dog</td><td>Not Known</td><td>NOBINAC L4 IDXIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/01/2014-01/01/2014)-BR~BR></td><td>O - Unclassifiable/unassessa ble B - Possible</td><td>Weak temporal association for an anaphylactic reaction. Symptoms not specific for an anaphylactic reaction. NCA agrees with MAH assessment</td></br×br×b<>	Hypersalivation,Convulsion Impaired vision.Uveltis.Eve disorder	No Data	tetanic convolisions and excessive salivation. I day after vaccination with Nobivac L4. No loss of consciousness. Several crises lasting 30 seconds at intervals of simulates. Treated with 1 vial valuation and continone (Lings)(a) After a few minutes the crises stopped and after 30 minutes the dog was normal again. Dog in good health with the history of epilepsy vaccine stored in friging and injected secundum artem. Other dogs vaccinated with the same batch and packaging did not present any symptoms. Report for standled to emaldiness and mail health communications L50 on 2LIAM and transmitted to MSDAH Belgium on 22JAN2014 at 3-51pm. [Reason for use for product. Generic: LEPTC 4]CIT, CAM, CRIPP, BAR11, VB. Branch. NOBINYAC L4 IDXLDS 545 Reason. Prophylaxia) [State of health. Good)	Other Canine/dog	Not Known	NOBINAC L4 IDXIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/01/2014-01/01/2014)-BR~BR>	O - Unclassifiable/unassessa ble B - Possible	Weak temporal association for an anaphylactic reaction. Symptoms not specific for an anaphylactic reaction. NCA agrees with MAH assessment
NOBIVAC L4	BE-HUNTVINT-2014-BE-00001	Belgium	Animal	Canine/dog	7.5 Year(s)	17/03/2014	05/05/2014	1	1 0	25/03/2014	Yes, GRX-GRX-B K-SRS-No, GRX-GRX-GRX-BRX- BRX-GRX-NOT Known	Impaired vision, Uvetis, Eye disorden Nos (for photophola see Theurological'), Spileen Ingelieve (for photophola see Description (for photophola see Jessen Charge, Albonomal test result, Bruising, Swollen lymph node	r Unauthori sed dosage - other	SAR. On 27 Mar 2014 vet nortifies eye pathology and bumping against objects, swollen lymph nodes, swollen spleen and bue disclosoration of the groin area after excincation with Mobiace Land Mobiace. PL Dog was vaccinated 17 Mar 2014. 25 Mar 2014 dog bumps against every object and owners have the impression the dogs blind. After examination vet sees be line around the eye, contissions in the eye, swollen symph nodes, swollen spleen and blue discoloration of the groin area. Blood sample was taken, no indication for turnor. Flaul disaffer from Imph princh Results availed. Together with the vaccination vet gives along to the owner Contralac (formone, Metergoline) which he has to give to the dog from 18 Mar 2014 for 4 days. Researce of preudopregnancy, Follow-up received from the agency on 29/04/2014: 09 Air 2014 follow-up 25 Mar 2014. Uveits was also diagnosed. At moment of vaccination on sewing of ymph nodes, to beleding in groin area. 25 Mar 2014 sevelling in abdomination; activity Result of punction biopsy of axillar lymbnode: Cytology suggestive for reactive lymphnode. 29 Mar 2014 Heamstology. Strong elevation of 0-dimers S0 Apr 2014 Follow-up 2014 Repeated of 0-dimers 80 Apr 2014 Follow-up 2014 Follow	Dutch Spitz - Keeshond	10	CONTRACE 2- N/AN/A/A/A M/AG. Tables in D(8)0/3/2014- N/AG. STANES in D(8)0/3/2014- N/AG. STANES IN AGE 10/AG. TABLES IN AGE 10/AG.	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00063	Belgium	Animal	Canine/dog	8 Week(s)	01/04/2014	01/04/2014	2	2 0	01/04/2014	No, <b R> No</b 	Facial swelling (see also 'Skin')	Other	03.Apr 2014 a ver reports swelling of the head in 2 dogs after vaccination with Nobivac DHPPI and Nobivac Lt. The 2 chimishum pupples belonged to the same next. Treatment: Controlateroids. 2 pupples recovered. [Reason for sue for product. Generic. LEPTO*4[ICT_CAN_CRIPP_BRAT] vib. Brand: NOBIVAC.4.10.0105-545. Reason. Vaccination Generic: DHPPI LV Brand: NOBIVAC DHPPI 10x1DS 130 Reason: Vaccination] [State of health: Unknown]	Chihuahua	Not Known	NOBIVAC DHPPI 10XIDS 130 - N/A,N/A,N/A,24,Unknown Unknown (01/04/2014- 01/04/2014)-BRBR-NOBIVAC L4 10XIDS 545 - N/A,N/A,N/A 24,Unknown Unknown (01/04/2014- 01/04/2014)-BR>-SR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00098	Belgium	Animal	Canine/dog	Not Known	01/05/2014	28/05/2014	1	1 1	01/05/2014	Not Known	Found dead	Not Known	D6 May 2014 Dog found dead after administration of Nobivac L4. According to owner dog died following administration of Nobivac L4. Until now no other information available, follow-up is expected. 25 MAYOJA Follow-up No more information review, case lost to follow-up. [Reason for use for product: Generic: LEPTO*4[CT_CAM,GRIPP_BRAT] KB Brand: NOBIVAC L4 JOXLDS 545 Reason: Vaccination] [State of health: Unknown.	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 545 - N/A,N/A,N/A,24,Unknown Unknown 1 Animal (01/05/2014- 01/05/2014) 	O - Unclassifiable/unassessa ble	No information on time range between vaccination and reaction. No information on other symptoms or other products used, if any. Other underlying pathologies not excluded. No necropsy was performed
NOBIVAC L4	BE-NLINTVINT-2014-BE-00121	Belgium	Animal	Canine/dog	5 Year(s)	26/05/2014	27/05/2014	1	1 0	26/05/2014	NO, <br< td=""><td>Bloated_Lethargy (see also Central nervous system depression in 'Neurological'),Anorexia, Vomiting, S hock_Intestinal stasis</td><td>Other</td><td>Suspected adverse reaction reported 27 MAY 2014. Dag sick after vaccination with Nobius CHPPA and Nobius CL Maccinette on 28MAY 2014. According to evel day, showed lethurgy and voniting after vaccination. 27MAY 2014 Dog has been hospitalised because of shock symptoms. Treatment: controsteroids and indisson. Until now not further information received. No information on concurrent or simultaneous use. 03UM 2014 NEW INFORMATION From telephone call with vet colleague: Male Labrador Systems of some time (not specified) after vaccination reported with bely ache, wornting and inability to pass faeces, no fever. Hospitalised on suspicion of leptopriosis, but no specific speripromatology, it read with IV din, appleciena, Artiblistics. Dog set from bee because not warning to eat in hospital. Day after again brought to vet practice with lieus, much intestinal gas. Supery and massage of Intestination to remove gas freed from the importance of the product: centeric Division for suggery in every of vaccination Assumed and the product center of product: centeric Division for suggery in Variance (Markott Derivis OLDIS 130 Reason: Vaccination Generic LEPTO*QLICT_CAN_GRIPP_BAAT) NB Branck NDBVAL L4 10XLIDS 545 Reason:</td><td>Labrador Retriever</td><td>Not Known</td><td>NGBIVAC DHPPI DXIDIS 130 - NI/AN/AN/A JA/AU/ANDOWN ON-C A A A A A A A A A A A A A A A A A A A</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<>	Bloated_Lethargy (see also Central nervous system depression in 'Neurological'),Anorexia, Vomiting, S hock_Intestinal stasis	Other	Suspected adverse reaction reported 27 MAY 2014. Dag sick after vaccination with Nobius CHPPA and Nobius CL Maccinette on 28MAY 2014. According to evel day, showed lethurgy and voniting after vaccination. 27MAY 2014 Dog has been hospitalised because of shock symptoms. Treatment: controsteroids and indisson. Until now not further information received. No information on concurrent or simultaneous use. 03UM 2014 NEW INFORMATION From telephone call with vet colleague: Male Labrador Systems of some time (not specified) after vaccination reported with bely ache, wornting and inability to pass faeces, no fever. Hospitalised on suspicion of leptopriosis, but no specific speripromatology, it read with IV din, appleciena, Artiblistics. Dog set from bee because not warning to eat in hospital. Day after again brought to vet practice with lieus, much intestinal gas. Supery and massage of Intestination to remove gas freed from the importance of the product: centeric Division for suggery in every of vaccination Assumed and the product center of product: centeric Division for suggery in Variance (Markott Derivis OLDIS 130 Reason: Vaccination Generic LEPTO*QLICT_CAN_GRIPP_BAAT) NB Branck NDBVAL L4 10XLIDS 545 Reason:	Labrador Retriever	Not Known	NGBIVAC DHPPI DXIDIS 130 - NI/AN/AN/A JA/AU/ANDOWN ON-C A A A A A A A A A A A A A A A A A A A	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-8E-00157	Belgium	Animal	Canine/dog	3 Month(s)	02/07/2014	04/07/2014	1	1 0	02/07/2014	Not Known, BR>BR > BR>BR>BR>BR> Not Known, BR>BR > BR > Known Not Known	Lameness, Recumbency, Fever, Intest inal stasis, Apathy, Stiffness NOS, Urine abnormalities NOS	t Not Known	SAR OR JUL 2014 Resiction in a deg after vaccination with Nobroc L. 6, DNP and BBP. CD JUL 2014 The same day as vaccinated, dog aboves free (JBR -CL), sive yellowing and ablows lameness at one sitz. Treatment. KSAIDs and monitoring GB JUL 2014 Fever has gone, dog is less lethangs and seems improving. Until once no further information. O SUL 2014 Globow-up No information in Nobrobac DNP and Nobbac were mixed or not. Dog was vaccinated GD JUL 2014. The day after dog lays down, no unitating, no defeaction. Clinical examination Fever: 387, c. 2, pathst. No other abnormalities. Treatment. Metacam (MSAID) and Rimady tablets (SSAID) for 5 days., O SUL 2014 Owner nordifies the vet that the day shows lameness as it hand leg and stifflers. 3. SBC. C. Clinically selfer. No further information. [Reason for use for product: Generic: LEPTO*40TC_KDAIRP.BRATA] SER. The Visit of the Commission of t	American Bulldog	Not Known	NOBINYA CBRF SXIDS+SXIDS DIL 130 - 1,N/A.N/A ,24,1 Dose Once 1 Animal (02/07/2014 02/07/2014;eRF-4BF-NOBINYA DIP 10XIDS 130 - 1,N/A.N/A ,24,1 Dose Once 1 Animal (02/07/2014- 02/07/2014;eRS-BR-NOBINYAL L 10XIDS 545 - 1,N/A.N/A ,24,1 Dose Once 1 Animal (02/07/2014- 02/07/2014;eRS-←BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00162	Belgium	Animal	Canine/dog	12 Year(s)	08/07/2014	11/08/2014	1	1 1	08/07/2014	Not Known, BR > BR>CBR Not Known	Intestinal congestion,Pancreas disorder,Dyspnoea,DeathLateral recumbency,Apathy,Liver disorder NOS,Splenic neoplasm	Not Known	5 Jul 2014 a vet reported that a dog died shortly after vaccination with Nobhac L4 and Nobhac DHP. 8 Jul 2014: I.1 h: Dog vaccinated, general examination on it 21: to Dog is more apathic and for recumbent. General examination to 1.8 h: Owner clash that the dog is in agon, stays in lateral recumbency and does not breathe anymore. 18 h15: Owner brought dead dog to the vet. General examination ok. Further information is expected. 15/LIU/D45 follow-up Residue of autopsy communicated by vet: Congestive, red aspect. Liver and pancreas doesn't seem well-Tumor of the spleen. No more information expected. (Reason for our for product: Generic. EEPTO-4/IE/CTA, MRRP-BRAT) KB Branch NOBIVAC L4 IDUID5545 Reason. Vaccination Generic: DHP LV Brand: NOBIVAC DHP 10XID5 308 Reason. Livenom. I State of health: Cood!	Other Canine/dog	23	NOBIVAC DHP 10X1D5 130- 1,N/AN/A Years,24,1 Dose Once 1 year(s) (08/07/2014- 08/07/2014-GRN-BR>NOBIVAC L4 10X1D5 545 - 1,N/AN/A Years,24,1 Dose Once 1 Year(s) (08/07/2014- 08/07/2014)	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00174	Belgium	Animal	Canine/dog	3.5 Month(s)	07/07/2014	28/07/2014	1	1 1	17/07/2014	Not Known	Digestive tract disorder NOS,Death	Not Known	SAR: Brottweller pup reported dead from leptosprioss 12 days after first vaccination with Nobbac L4 on 7 JUL 14, On 17 JUL 2014 purp reported with digesties emprovem and delew without 2 days. No lesions or diagnostic method reported. Pup suffered Canine Parvovinus infection 6 weeks before the vaccination, which could have weakness the immure system. Ved saked if vaccine could have been the origin of leptospriosis infection, and therefore reported this case as SAR. Follow-up 6 AUG 2014: PV form received from vet, with only limited information cincle we was on holiday when the dag got sick and died, and has no more information in the course of the disease, the diagnosis, possible treatments or autopsydata. No more information is expected. [Reason for sufer profractic Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB. Brand: NOBIVAC L4 10X1D5 545. Reason: Prophylaxid] [State of health: Unknown)	Rottweiler	9	NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (07/07/2014-07/07/2014)-BR~BR>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-8E-00177	Belgium	Animal	Canine/dog	2 Year(s)	27/06/2014	09/09/2014	1	1 0	30/07/2014	Yes	Polydipsia Jnappetence, Lethargy (see also Central nervous system depression in Neurological'), Lack of efficacy, Abnormal test result, Elevated liver enzymes, J-typokalemic condition, Billirubinuria	No Data	SAET ZAUGUSTA, Ver northin obg with signs of Leptospirosis and positive serology for Leptospirol Audratisal Shirolgy in Accurated with Nobleau C.1. Dog precisely activations with Nobleau C.1 and Discover Lot 100 per collection of the Nobleau C.1 and Discover Lot 100 per collection of the Nobleau C.1 and Discover Lot 100 per collection of the Nobleau C.1 and Discover Lot vell and lot service before the north service and lot of per collection of the North Service and lot of per collection of the North Service lot vell and lot of per collection of the North Service lot	English Springer Spaniel	Not Known	NOBINO: 14 DXIDS 545 . IA/AN/A/A 24 DISDEA P. AREA Arimal (27/05/2014) - BR>- BR>-	O1 - Inconclusive	NCA agrees with MAH assessment

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	BE-NLINTVINT-2014-BE-00196	Belgium	Animal		Not Known	01/08/2014		1 1		014 Not Known	Haemolytic anaemia, Pale mucous membrane, Haemorrhagic diarrhoea, Death, Anorexia, Lack of efficacy, Decubitus	Not Known	SAR SLEE Dog was first vaccinated, age unknown, on 15 Jin 2014 Dog was then vaccinated with Nobbacc Li Ain Jag 2014 (after unknown), he was more quite prior to vaccination than the first time, but nothing abnormal was found on clinical examination. 4 to 5 days later: dog eating less, no diarrhose, no wornling. 2 Days later dog has to go to the pension. There he shows haemorrhagic diarrhose, he lars down and shows ancrexis. Blood examination; pale, hearenlytic anaemia, elevated tidney values (no further information, Treatment: Blood transfasion. Dog died during perfusion. Owner recluses autops; Follow-yor ZeEFFD2014 No more information expected. Case closed. (Reson for use for product: Genetic LEFTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10X1D5 545 Reason:	Other Canine/dog	Not Known	NOBINAC L4 10X1D 5 45 - N/A,N/A,N/A, 24,Unknown As needed 1 Animal (01/08/2014- 01/08/2014) BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
	BE-NLINTVINT-2014-BE-00217	Belgium	Animal		Not Known	01/08/2014	24/10/2014	1 1		014 Not Known	Swollen lymph node, Neoplasia NOS, Death by euthanasia	Not Known	12 September 2014 Dog developed cancer of the hymph nodes a couple of weeks after vaccination. At couple of weeks after vaccination, at Nobiosci. L4 (first time) dog phows swollen hymph nodes. Next further examination cancer of the hymph nodes was diagnosed. No further specification. Dog has been exhanised. Dog was being vaccinated offer own Whin Doliva c. 2 and DFP. A second dog (independent from the first one) showed same symptoms but wasn't earthwrised. See linked case: 2014.8E-00218 2 OCT 2014 Follows: No additional information received. Eace closed. [Reason for use for product.] Generic: LEPTO*4[CT.CAM,GRIPP.BRAT] XB Brand: NOBIVAC L4 10XID5 545 Reason: Vaccination] State of health: Unknown!	Jack Russell Terrier	Not Known	NOBIVAC L4 10XLDS 545 - N/A,N/A,A/A,24,Unknown Unknown 1 Animal (01/08/2014-01/08/2014)-BR> 	O1 - Inconclusive	
NOBIVAC L4	BE-NLINTVINT-2014-BE-00218	Belgium	Animal	Canine/dog	Not Known	01/08/2014	24/10/2014	1 1	0 01/09	014 Not Known	Swollen lymph node,Neoplasia NO	S Not Known	13 September 2014 Dog developed cancer of the hymph nodes a couple of weeks after vaccination. At couple of weeks after vaccination, at Couple of weeks after vaccination, at Couple of weeks after vaccination with Nobics L4 (lift sitt being dog shows swelled myph nodes. Were further examination cancer of the lymph nodes was diagnosed. No further specification. Dog still alve No further information A second dog (independent from the first one) showed same symptoms and was entitlanted. See linked case 2014-85-00217.2 Oct 2016-Follow-up: No additional information received. Case colone. [Reason for use for product: General: LETPO*4[CT_ANGRIP_RAT] KB Brand: NOBIVAC.14 10X1D5.545 Reason: Vaccination] [State of health: Unknown]	Other Canine/dog	Not Known	NOBIVAC L4 10XLDS 545 - N/A,N/A,N/A, 24,Unknown Unknown 1 Animal (01/08/2014-01/08/2014)-BR> 	O1 - Inconclusive	
	BE-NUNTVINT-2014-BE-00221	Belgium	Animal	Canine/dog	10.5 Year(s)	18/08/2014	01/10/2014	1 1	0 17/09	014 Not Known	Lymphoma, Dysuria, Swollen lymph node, Tiredness, NT - tumour (NOS)	Not Known	SAR. 17 Sep 2014 Vet reported lymphoma in a dog after vaccination with hobbac L.4. Dog received first vaccination on of July, Booster vaccination have pine 18 Aug 2014. Dog was ok but showed swelling of the teats at moment of vaccination. 17 Sep 2014 Dog shows swelling of the hymphometric house the self-dog shows of the self-dog shows of the self-dog shows of the self-dog shows drain and lay down quickly while walking. All lymphodes were very strongly souther. They felt hat and not warmer than other parts of the body. No additional research or diagnostics performed. Treatment: Corticosteroids [Predincione] is not accurate torso generally of the lymphodes and the parts of the body. No additional research or diagnostics performed. Treatment: Corticosteroids [Predincione] is not accurate torso generally of the lymphodes. Additional information has been requised. 10 Ct. 2014 Follow-up information neceived: A palgation no swelling of the lymphones anymore but a mass was felt in the additioner. RX addoment mass at the spleen/thorax swellen lymphones in the vertall part of the thorax + tracheal dorral displacement. Suspected of spleen tumor. No further information respected. Case colored. [Reason for use for product: General: EEPT0*4]CT.CAM,GRIPP.BRAT) XB Brand: NOBIVAC L4 10X1DS 545 Reason: Vaccination] [State of health: Good]	Border Collie	Not Known	NOBINZC 14 10XLIDS 545 - N/AJ/AJ/AJ/A 2 Juhnovm As needed 1 Animal 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014 - 18/08/2014	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00237	Belgium	Animal	Canine/dog	9.9 Year(s)	04/07/2014	14/11/2014	1 1	0 20/07,	Not Known, SRX- > -SBR>-C Not Known, SRX- > -SRX- Not Known	R> pheral neuropathy,Spondylosis,Polyradicu BR oneuritis	Not i Known	SAR. Reported on 1 Oct 2014. Dog shows paralysis at 4 legs, 2-3 weeks after vaccination with Nobwac DIP. Nobbac A and Nobwac DIP. Obbac A 10 al 1021 dad (pagh see havaccinated with Nobwac DIP. Nobbac A 104 and Nobbac DIP. Nob	Labrador Retriever	Not Known	NOBINAC BBPI SXIDS-SXIDS DIL 130-13/NA/NA-241 Dose Once I Animal (94/07/2014- 04/07/2014-98RBBR-NOBINAC DBP 10XIDS 130-13/NA/N-24.1 Dose Once 1-Animal (04/07/2014- 04/07/2014)-BBR-NBR-NOBINAC L4 10XIDS 553-13/NA/N-24.1 Dose Once 1 Animal (04/07/2014- 04/07/2014)-BBR-NBR-NOBINAC L4 10XIDS 553-13/NA/N-24.3 Dose Once 1 Animal (04/07/2014- 04/07/2014)-BBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR	O1 - Inconclusive	Weak association in time. Etiology of polymeuropathy unknown (Viral, beterfam) Several waceries were used. Relation to the product cannot be excluded but underlying pathology cannot be excluded, either
NOBIVAC L4	BE-NLINTVINT-2014-BE-00275	Belgium	Animal	Canine/dog	3 Month(s)	26/09/2014	18/12/2014	1 1	1 19/10	014 Not Known	Anaemia NO5,Haemorrhagic diarrhoea,Death,Hypothermia,NT- intestinal intussusception	Not Known	3 Nov 2014 report was received of dog showing haemorrhagic diarrhoea after vaccination with Nobbac L1.8 Dog 2016 bed going was occunted with Nobbac L4.1 Sof 2018 L0 gog showed haemorrhagic diarrhoea, hypothermia, anaemia. Treatment: hospitalisation, perfusion and antibiotics. 22 Oct 2014 Bog died due to intestinal involution. Puppy belongs to the same nest as case 2014 BE-00276. No more information neperclet (sea closed.) Bits Dec 2014 Follow-up information 10 Novo 2014. Results of autopsy, Generalised icterus, suspicious for Leptosprosis. Bee 2014 Results of PCR: Negative for Leptosprosis. (Results of ruse for product. Generic LEPTO*40[CT_AMGRPP_BRAT] KB Branct NOBIVAC L4 10X1D5 545 Reason: Vaccination] (State of health: Unknown)	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 545 - 1.N/A.N/A, 24, 1 Dose Once 1 Animal (26/09/2014-26/09/2014)-BR>~BR>	N - Unlikely	NCA agrees with MAH assessment
	BE-NUNTVINT-2014-BE-00295	Belgium	Animal	Canine/dog		13/11/2014	15/12/2014	1 1		Yes	Istemoglobruris Elevarde Cholesterol (Istal) Ahonmal test resiul; Lethargy (see a los Central nervous system depression in Neurological") Death, Tachypnoea, cterus, Vomities, Neutophilas, Jumphopenia, Thrombocytopenia, Anaen is NOS, Electroly, disorder, Bilirubinuria, Hypoglyca em a 10,55 description of the Control of t	No Data	SAZ O MOV 2014 Ver notifies reaction 3 days after administration of holivac L4, no other seccine associated. 3 IAV 0/2014 Day scincised with holivac L6 poll mile.) £6 NOV 2014 Day scincised with holivac L6 poll mile.) £6 NOV 2014 Day shows vomiting, severe billinchimuria and haemoglubinuria. }ethangy, tachypone. Treatment: Infrasion Holivacous Control (1925 Seguity 1924). Peparine (2014). £62 Seguity 1924 Seguity 192	German Spitz Pomeranian		NOBINYC 14 DIXIDS 545 - 1.N/A/N, A2.4 Doos Twice 1 Animal (13/11/2014 - 13/11/2014)-BR>-BR>	Q1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	BE-NLINTVINT-2014-BE-00301	Belgium	Animal	Canine/dog	15 Month(s)	02/10/2014	31/12/2014	1 1	0 02/10,	014 Not Known, - > <not Not Known</not 		Not Known	BE-NLINTVINT-2014-BE-00301: 30 Nov 2014 Veterinarian notifies reaction in a dog a couple of hours after vaccination with Nblovac L4 and Pneumodog. 2 Oct 2014 Dog was vaccinated for the first time with Nblovac L4, and Pneumodog. Concurrent or mixed use unknown. A couple of hours after vaccination dog shows psychomotoric complaints: restlessness, he seems biting to imaginary files "fly vaccination dog shows psychomotoric complaints: restlessness, he seems biting to imaginary files" fly spacing", envolve, aniety. No treatment, situation went better after a few weeks but dog didn't fully recover. According to owners dog is still more restless and behaves different than before. 30 Oct 2014 Dog was revenicated with only hobbox L4 (See case-2014BE00303). [Ression for use for product: Generic: LEPTO"4[CT_CAN_GRIP_BRAT] Nys. Branch NOBINAC L4 10XID5 545; Ression: Vaccination. Generic: FlantO-fleutomode Ression: Vaccination [State of health Unknown]: His update 31 JAN 2014: reformatting: no other changes except for a coding and assessment. [Ression for use for product: Generic: LEPTO"4[CT_CAN_GRIP_BRAT] Ng Branch NOBINAC L4 10XID5 545 Ression Unknown. Generic: PPEUMODOG Brand: PNEUMODOG Resson: Routine vaccination] [State halth inknown].	Other Canine/dog	43	NOBIVAC L4 10XIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/10/2014 - 02/10/2014;BR>-BR-PNEUMODO G - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/10/2014 - 02/10/2014)-BR>-GBR>	B - Possible	Association in time. Two products were used and re- challenge + for Nobwac L4

NOBIVAC L4	BE-NLINTVINT-2014-BE-00303	Belgium	Animal	Canine/dog	16 Month(s)	30/10/2014	15/12/2014	1	1 0	30/10/2014	Not Known	Anxiety,Restlessness,Nervous system disorder NOS	Not Known	30 Nov 2014 Veterinarian reports a reaction in a dog a couple of hours after vaccination with Nobivac 14. 30 Oct 2014 Oog has been vaccinated for the 2nd time, with only Nobivac L4. After vaccination (time association not specified) he was restless, annous, he stared into the sky. Treatment: Florovamine (SSR) logs is recovering logs had a similar reaction after 1st vaccination, with Nobivac 14. and Pheumodog (See case 2014BC00301). Until now no other information available: 15 Dec 2014 Follow-up information Dogs is doing very left. Houvacamin teritament continues. At this moment no restlessness or convolsions anymore. No evolution to general epilepsia. Reaction occurred the same day. No additional information availated. Case lossed. (Reacon for use for produce. Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L4 10X1D5 545 Reason: Vaccination] [State of health. Unknown)	Corso Dog	43	NOBIVAC L4 10X1DS 545 - 1,lk/A,N/A, 24,1 Dose Once 1 Animal (30/10/2014-30/10/2014)-BR> 	A - Probable	Association in time and re-challenge + with one product was used. No other equally plausible explanation
	BE-NLINTVINT-2014-BE-00310	Belgium	Animal	Canine/dog	7 Year(s)	29/11/2014	03/12/2014	1	1 0	29/11/2014		Anorexia,Shivering,Hypoglycaemia, Pseudopregnancy behaviour	Not Known	SAR: 3 Dec 2014 Vet notifies reaction in a dog 1 day after vaccination with Nobiwac I.4, 29 Nov 2014 Ope recived bootser vaccination with Nobiwac I.4, 30 Nov 2014 Dog recived bootser vaccination with Nobiwac I.4, 30 Nov 2014 Dog recived bootser vaccination with Nobiwac I.4, 30 Nov 2014 Dog Deblawes strange: nesting behavior (life pseudopregnancy but no sovolen inplicate, no milk production) Last estrous period. September. Until now no additional information. 27 Dec 2014 Follow up information: Clinical reference values to be asymptomatic: 10 ro-25 Smigdl which indicates that the dop alth ypoglycaemia. Veddra code adapted: hypoglycaemia added. Case upgraded from non-serious to serious. No additional information awalted. Case closed. [Reason for use for product: General LEPTO*4(TC,TAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 10XIDS 545 Reason: Vaccination] [State of health: Unknown).	Other Canine/dog	Not Known	NOBINAC L4 10X105 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (29/11/2014-29/11/2014) -BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	BE-NUNTVINT-2014-BE-00314	Belgium	Animal	Canine/dog	12 - 12 Year(s)	25/10/2014	08/12/2014	1	1 0	18/11/2014	Not Known	Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Fever, Lack of efficacy, Ahoromal test result, Blood in urine, Urine abnormalities NOS, Proteinuria, Haematuria, Bilirub Inuria	I Not Known	SLEE B Dec 2014 Vet norther signs of Leptospriosis in a dog altrough vaccinated with Nobwac L4. 20 Sep 2014 Dog vaccinated with Nobwac L4. 20 Sep 2014 Dog vaccinated with Nobwac L4. 18 Nov 2014 Dog shows lethragy, fewer (L47), ancreas, Moody urine. Serology. J (100 L Grippotyphosa, Albanomal Lest result) PCR urine: negative. No combined sera: Treatment 2 weeks Amovgillam (Clausalous acid. Alterwards (and still at this moment) 3 weeks Doxycycline. Dog is living on the country side. No other information until now. (Same veterinarian nottiled another dog with lethragy and La (Engiophyphosa). A Lantzlas serology results. J (100 after vaccination with Nobrac L4. See linked case 2014-81 6/0315, 17 Dec 2014 Follow-up information: 25 Oct 2014 Dig received vaccine for the 2014 miles. Serology was done 19 Nov 2014. Urine examination: 25 Oct 2014 Dig received vaccine for the 2014 Dig steeling lett. 2016 Nov 2014. Billiadine: + Netl 1, Proteinura: 1806 (<-50hrql). Haematura: ++ (netl 1, Beatriel's L + Pythocycleryfield: 41 30 (Rec. Beatriel's L + Pythocycleryfield: 41 30 (R	Gordon Setter	29	NOBINAC L4 10X105 545 - JAI/A/NA/ 24 J 100ee Gnce 1 Animal (25/10/2014-25/10/2014)-BR> 		NCA agrees with MAH assessment
	BE-NLINTVINT-2014-BE-00320	Belgium	Animal	Canine/dog	Not Known	13/12/2014	14/12/2014	1	1 1	14/12/2014	Not Known	Death	Not Known	14 Dec 2014 Information posted on Facebook, discovered by Dutch colleagues. Owner notifies death of his dog after vaccination with Nobhac LA. According to owner the dog showed all adverse events mentioned in the kealtet and according to owner it is 95% sure that dog ded from vaccination. Several attempts to contact cowner by phone failed. Until now no further information, no additional information awated. Reason for use for product: Genetic LETPO*4(LFC.NA,DRP) RATI XB Brand: NOBIVAC L4 10X1D5 545 Reason. Vaccination) [State of health: Unknown]	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 545 - N/A,N/A,N/A,N/A,Unknown Unknown (13/12/2014- 13/12/2014) -BR> -	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	BE-NUNT-2015-BE-00012	Belgium	Animal	Canine/dog	2 Year(s)	24/11/2014	12/01/2015	1	1 0	24/11/2014	Not Known	Pyelonephritis,Ovarian cyst,Fever,Lack of efficacy,Oedema of the extremities (see also other SOCs (for most applicable oedema),Swollen lymph node,Amormal test result,Interstitial nephritis,Giomerulonephritis,Recumbency,Joint pain,Liver disorder NOS	Not a Known	SAR 24 NOV 2014 Dog vaccinated with Nobaou C.H. Dog suffered already of some pain at right hind incer. Treatment: Immain (Largorien) Dog became better. 50 DEC 2014 Blood analysis: Leucocytee 25.6 (6-12) Neutrofis 82.4% (5-63) AP 112(10-50) 6 DEC 2014 Dog couldn't stand up. He showed generalised nedeema on frost and hind legs. Tr.C. 40.8. As allogapite examination of the lines: negative. Dog was redirected to the Faculty of Veterinary Medicine Mereibeke. Anamesis: TC: 38.9. Local swollen lymphomosis EH*: politics. Dog only stands up after stimulation. Inflammatory oedema on the 4 legs. No swelling of the joints. Radiographic examination. Mild diffuse pulmonary changes. 07 DEC 2014 Billateral changes of the kidneys: pelonophrists, generout-operhists, interstitial neightists. Hypocechognicity of the liver: jetospisrois should be included in the differential diagnosis (suggesting active hepatists). Rigid ovarian cysts/follifolds. Diagnosis: Fevre, inflammatory oedema at the 4 legs (suspicious of vascultits. Pelionefitis as underlying cause? Treatment: Tramadol (painkiller opioid) and antifoliosis: (Bayri H-Amonyclavi) DB DEC 2014 Leptospisrois: artibody trest: Calmosis: 17000 L. Australis: 17000 L. Literoishemorrhague: 1700 v2 DEC 2014 University of the properties of the pathogenic bacteria. Noteriol-creationis exist. 3, 14 CQ, 3) No other abnormalities. Treatment: artibiotics Doxycycline for at least 14days. 12 JAN 2015 Leptospisois: artibody teters: Cannobia: 17000 L. Carrollos: 17000 L. Generois-tramapae: 1700 clients will pariful. 13 JAN 2015 Joints still pariful. 15 pariful. 13 JAN 2015 Joints still pariful. 15 generois conductions (Reason for ore product: Generic: LEPPO*4(C.C.AVAGRIP-pBAA7) NB Brand: NOBIVAC L4 100(105 545 Reason: Vaccination)	American Bulldog	35	NOBINAC L4 10XID5 545 - 1 JI/JA/NJA /2 AJ 1005e Gnce 1 Animal (24/11/2014-24/11/2014)-BR>-BR>	N - Unlikely	First vaccination with the product. The vaccination instinot has not been provided, but the animal seemed to been vaccinated cornectly. The animal would have had bite of a rat which seems to have occurred before vaccination with Nobboac L4, but the animal had recovered of this for several weeks before the clinical signs started. Pre-existing pain in one leg. However, further clinical signs and the seconomersion (4x and 10x) for groups Grippo and Australia are highly suggestive for an infection with Leptonies. Due to onset of immunity of 3 weeks (first vaccination with L4) and pre-existing signs, rather #.
NOBIVAC L4	BE-NLINTVINT-2015-BE-00016	Belgium	Animal	Canine/dog	9 Year(s)	11/12/2014	20/02/2015	1	1 0	24/12/2014	Not Known, **BR> **BR> **BR> **BR **Not Known	Anoreus Spleen hypertrophy, Apathy, Ahoormal test resull. Decreased red blood cell count. Ahoromal red blood cell, Haemolytic anaemia, Thrombocytopenia, Abdo minal pain	Not Known	12 Ian 2015 Weerinarian notifies suppcion of Immune Mediated Haemolylic Assemia in a day after vaccination with Notion CHPPP and Nobice 1.4.1 10e. 2014 Dog las been vaccinated with Nobinac DHPP and Nobinac Ld. 27 Dec 2014 Supplicion of IMRA (no specific information). Spicen was swellen and has been removed. Results of analysis, crothing abnormal. Treatment: blood transfusion. No information on symptoms or outcome. No investigations for differential diagnosis. Until now no other information, but his swalted. 9 PEo 2015 Follow-up information received. Nobbox CHPPP and Nobbox C4 were injected together. Dog has no history of going abroad and didn't receive other mediaction. 2 Ab e2014 Dog became sick an onesista, apatite, (information received from owner) 27 Dec 2014 Dog presented to the veterinarian. Clinical examination: pale microsea. Cranial abdomen painful. Mass felt in the abdomen. (Spiceri State Ostronia) and the state of the spicen capapide. Autor display of the spicen of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capapide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capabide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capabide. Autors display over this globs; stowed spicen with a bleeding and rupture of the spicen capabide. Autors display over the spicen capabide. Autors of the spicen capabide. Autors of the spicen capabide.	Maltese	8	NOBWAC DHPPI IDXIDS 130 - 1,1,1,1,1,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1	B - Possible	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00028	Belgium	Animal	Canine/dog	Not Known	20/01/2015	20/02/2015	1	1 1	20/01/2015	Not Known	Diarrhoea, Renal disorder NCS, Death by euthanasia, Anorexia, Weight loss	Not Known	23 Jan 2015 Vet notifies sickness and euthanasia in a dog after vaccination with Nobivac L4. It concerns an adult dog which was vaccinated 3 limes in one year. The first time dog was vaccinated with a non-specified bulbart let episopsiso succine. The 2 nd and 2 time he was vaccinated with Nobivac L4 was around 20 be 2014 and 20 Jan 2015 (there was one month in between). After the 2 nd injection dog between sick. Anorexia, disnrince, swelght loss. Blood analysis: (Accroting to vet) Results for Leptospirosis (strains not specified) were 10 times above normal. Kidney totally lost. 22 Jan 2015 dog's condition got wome and the dog has been euthanised. Opp has been sent in for autopsy. Results pending. 20 Feb 2015 Follow-up information: No additional information received. Case closed. [Reason for use for product: Genéric: ErrOrd(LFC,ANG,GRIP)-BRAT] KB Brand: NOBINAC L4 10XLDS 545 Reason: Vaccination] [State of health: Good]	Other Canine/dog	Not Known	NOBIVAC L4 10X1D5 545 - N/A.N/A.N/A 24 Unknown Twice 1 Amina (20/10/2025) 20/01/2015)*BR> 	O1 - Inconclusive	

NOBIVAC L4	BE-NLINTVINT-2015-BE-00040	Belgium	Animal	Canine/dog	2 Year(s)	26/01/2015	30/01/2015	1 1	1 26/01/	015 Not Known, > <		Not Known	SLEE. Dog showed gastro-intestinal reaction and death after vaccination with Nobivac L4 and Nobivac DHPPI. 26 Jan 2015 Dog has been vaccinated with Nobivac L4 and DHPPI. According to owner about 2 hours after vaccination she started behaving strange. 28 Jan 2015 Dog started diarrhoes and vomiting.	Chihuahua	4	Milbemax - N/A,N/A,N/A ,24,Unknown Unknown (26/01/2015- 26/01/2015) BR> NOBIVAC	N - Unlikely	
										Not Known,≤Br> > ⊀BR>€RN Not Known		oe	In the evening owner found blood in faeces. 29 Jan 2015 Zpm. According to veterinarian day ownited thick white mucs, jaudi durinose which contained blood and the typical dour or blood mixed with faeces. The abdomen felt hard and was painful. 1°C 38,6. 7pm. 1°C: 35. Comatose state. Liguid diarrhoes came out of the ansu. 50 gws. bosplatilled: 11pm. 1°C: 32 and she deal at about 2 hours later. Test (INIA blarrhee: 4 nor 1°C 34 not she deal at about 2 hours later. Test (INIA blarrhee: 4 nor 1°C 34 nor 1°C 34 not she deal at about 2 hours later. Test (INIA blarrhee: 4 nor 1°C 34 nor 1°C 34 not 34 nor 1°C 34 not 34 nor 1°C 34 not 34 nor	n 4		DHPP1 IOXIDS 130 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (26/01/2015- 28/01/2015)-ERN-BR-NOBIVAC L4 UXIDS 545 - 1,N/A/M/A, 10,1 ml Once 1 Animal (26/01/2015- 26/01/2015)-ERN-ERN-		
	BE-NUNTVINT-2015-BE-00043	Belgium	Animal	Canine/dog	9.5 Year(s)	22/12/2014	04/02/2015	1 1	0 19/01/	Not Known, KBR> Not Known		S Not Known	SAR regorded by vet on 0.4 Feb. 2015 22 DEC. 2014 Dog has been vaccinated with Noblwoc 1.4. 16 JAN 2015 Tog has been vaccinated with Noblwoc 1.4 and Noblows DBC. During the vewerhed of gw was placed at another family member and was picked up again on monday 19 JAN 2015 19 JAN 2015 Dog was more quiet, showed selffling, Not Feers, Lating was good. Teatment: Ronavan Anthibitios: tetracycline). 26 JAN 2015 Dog was more quiet, mowel he had pain at the throat, he showed symptom of a flu. Not Feers. Eating reasonable: Treatment with Ronavan was stopped. 4 FEE 2015 Dog stays in his basket but is alert. He shows some anorexis. People can't touch him. He seems to have pain all over his body. Soffling seems to be under corton. No swelleng instit. Treatment vettergesic. (Buprenorine) (analgetic, opioid) Bloodsnalysis Media in Reference: 303324 Elevated values: 07(XFST) 514.15.3 (07(XFST) 514.15.3) (07(XFS	Chihuahua	Not Known	NOBINAC BBP SXIDS-SXIDS DI. 130 - N/AN/IA-N/A-ZUNÉNOWN ONCE 1 Ánimal (16/03/2015)- 16/03/2015)-8R-SBP-NOBINAC L4 10XIDS 545 - N/AN/IA-N/A 24, Unknown Yuce 1 Animal (25 Day(s) 22/12/2013- 16/03/2015)-8R-XBP-	B - Possible	
	BE-NLINTVINT-2015-BE-00049	Belgium	Animal	Canine/dog		09/02/2015	10/02/2015	1 1	0 09/02/	Known, > < No	BR>		SAR adverse reaction after vaccination of Noblax L4 mixed with Euricus, Symptoms: pale, vomiting, Vaccine withdrawn from fridge at arrangle of patient and included at roomtemperature according to be Conditions at moment of injection unknown. Mixing of 2 products before injection not adviced. Reason for use for product: Generic LEPTO-4(CT_CAM_GRIP_RATI) All Started, NOBIVAC L4 (DXIDS) 5-56 Reason: Prophylaxis Generic: Brand: Eurican CHPP12 Reason: Prophylaxis] State of health: Unknown!	Shih Tzu	Not Known	Eurican CHPPI2 - 1,N/A,N/A,24,1 Dose Once 1 Animal (09/02/2015- 09/02/2015;-BR>-BR>NOBIVAC L4 10X1DS 545 - 1,N/A,N/A,24,1 Dose Once 1 Animal (09/02/2015- 09/02/2015;-BR> 	B - Possible	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00068	Belgium	Animal	Canine/dog	7 Year(s)	01/06/2014	24/02/2015	1 1	0 01/02/	1015 Yes	Vomiting,Anorexia,Lack of efficacy	y No Data	SLEE for Legio Date received 24TER2015 Vaccination Nobleac L A June & July 2014 Dog with annexus and wornting. Scroonwestion MAT between 17tel- 23TER: L'bratislaise 200-Neg; L'copenhageri 400 800; L'australis 100-800; L'canicola Neg-100; L others negative. Dog is treated with antibiotics (brand unknown). Dog lives in heavily ratinfested environment and suffered last year also from Leptosprosis and was treated with annosida van déoxycit during 3 weeks. Reason for use for product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10x105 545 Reason: Probhésias I State of health: Unknown 1	Bull Terrier	Not Known	NOBIVAC L4 10X1DS 545 - 1,N/AN/A,24,1 Dose Twice 1 Animal (01/06/2014- 01/07/2014) 	B - Possible	
	BE-NLINTVINT-2015-BE-00098	Belgium	Animal		16 Week(s)	20/03/2015	24/03/2015	1 1		R> Yes	bx		SAR Anaphylactoid reaction (according to vet) in a pup 1 hour after administration of Nobiosc DH+ Nobiosc L104 + Rabios. Labrador pp 15 evects old. 2,00MA 18(0) hours vaccination with Nobiosc DH+ Nobiosc L4 + Rabios. 19:20 hours reporting of swollen face, no other signs reported. Pup referred to another veterinaries. No information on other symptoms or retraiented. Sturkgy (2) Mar, meet day pup was recovered. [Reason for use for product: Genetic DH+ IV Branch NOBIVAC DH+ 20XIDS 330 Reason: Yorkhoka Genetic LEPTO* 4(ICTAA),GRIPP,BRAIT BS Branch NOBIVAC L6 10XIDS 545 Reason: Unknown. Generic: Brand: Rabisin Reason: Prophylaxis] [State of health: Unknown]	0	Not Known	NOBIVAC DHP 10X1DS 130- 1.N/A/N/A, 24,1 Dose Once 1 Animal (20/03/2015- 20/03/2015-BR>-SBR>NOBIVAC L4 10X1D5 545 - 1.N/A.N/A, 24,1 Dose Once 1 Animal (20/03/2015- 20/03/2015-BR>-SBR>-Babbin - 1.N/A/N/A, 24,1 Dose Once 1 Animal (20/03/2015-20/03/2015-BR>-SBR>-Babbin - 1.N/A/N/A, 24,1 Dose Once 1 Animal (20/03/2015-20/03/2015)-BR>-SBR>-BR>	B - Possible	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00113	Belgium	Animal	Canine/dog	Not Known	01/03/2015	31/03/2015	1 1	0 01/03/	015 Yes	Epileptic fit	No Data	SAR Report of epileptiform seiture in an adult dog 3 days after primovaccination with Noblacc4 and again 24h after boosteroaccination. One recovered without treatment. Primovaccination on friday and seiture on monday. (Reason for use for product: Generic: LEPTO*4UCT_CAM_GRIPP_BRAT] KB Brand: NOBIVAC L4 10X1DS 545 Reason: Prophylaxis] [State of health: Unknown]	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Twice 1 Animal (01/03/2015- 01/03/2015) 	O1 - Inconclusive	
	BE-NLINTVINT-2015-BE-00114	Belgium	Animal	Canine/dog		01/01/2014	22/04/2015	1 1		1015 Yes	Elevated total bilirubin,Hepatic disorder NOS,Lack of efficacy	No Data	SLEE Suspicion of Leptospicosis in a vaccinated dog. Dog was bor in 2012. 2014 primovaccination: 2s Nobivac L4. 2015 boostervaccination (dates unknown). 2 APR2015: dog sick with suspicion of Leptospicosis; possibly elevated bilinulin and liverenzymes, no specific values reported. 2 days previously dog had caught a art. Treatment with dovryctin with good results. Follow-up 22 APR 2015 Patient recovered. Owner refuses further investigation. Case closed. [Reason for use for product: Generic: LEPTO*4(LCT,CAN,GRIPP,BRAT) XB Brand: NOBIVAC L4 10X1D5 545 Reason: Prophylaxis] State of health: Unknown!	Canine/dog	Not Known	Animal (01/01/2014- 01/01/2015) 	O - Unclassifiable/unassessa ble	
	BE-NLINTVINT-2015-BE-00116	Belgium	Animal		Not Known	01/01/2014	07/04/2015	1 1		015 Yes	General illness,Lack of efficacy,Elevated liver enzymes,Elevated total bilirubin	No Data	SLEE Prinovaccination in 2014 (27 with interval I month). Dog vaccinated with Nobbac Li II ianuari 2015. An au nution office, days will with increased billrubin and liverenymes (hemohytic sample could faisify these results). No information on start date, symptoms, duration or treatment. Tested negative for leptospirosis wis RFC (lurinovan on what material). After 1 month tested for MAT antibodies and also negative. Dog recovered. [Reason for use for product: Generic: [EPTO*4ICT_CAN_GRIPP_BRAT] XB. Brand: NOBIVAC L4 10X105 545. Reason: Prophylaxis]. [State of health: Unknown).	Border Collie	Not Known	NOBIVAC L4 10X1DS 545 - 1,N/A,N/A,24,1 Dose Three times 1 Animal (01/01/2014- 01/01/2015) 	N - Unlikely	
	BE-NLINTVINT-2015-BE-00137	Belgium	Animal			15/04/2015	21/04/2015	1 1		R> <b< td=""><td>Not seizure, Convulsion, Inappropriate defecation, Urination</td><td>Not Known</td><td>ARR Rottweller pap with epileptic seitures 4 days after vaccination with Nobisec DPF & Nobisec LA. Rottweller pap vecticated is incrined with infinomy vaccine. 15APR2015 seccination by vet with Nobisec DPF & Nobisec L4. 15APR2015 epileptic seiture, symptoms not described 21APR2015 new epileptic seitures defecation, urination, consulsion, foam from the mouth no fewer. Results from threfer examination pending. [Reason for use for product. Generic: DPF LV Brand NOBIVAC DPF 10XIDS 130 Reason Prophysias Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is denoted to Phaeth Uniform State Prophysias Generic DPF LV Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB BRATICAL 10XIDS 545 REASON L5 L5</td><td>Rottweiler</td><td>Not Known</td><td>NOBIVAC DHP 10X1DS 130 - 1,N/A,N/A,24,1 Dose Once 1 Animal (15/04/2015- 15/04/2015)-SBX-SBX-NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Once Daily (15/04/2015- 15/04/2015)-SBX-SBX-SBX</td><td>O1 - Inconclusive</td><td></td></b<>	Not seizure, Convulsion, Inappropriate defecation, Urination	Not Known	ARR Rottweller pap with epileptic seitures 4 days after vaccination with Nobisec DPF & Nobisec LA. Rottweller pap vecticated is incrined with infinomy vaccine. 15APR2015 seccination by vet with Nobisec DPF & Nobisec L4. 15APR2015 epileptic seiture, symptoms not described 21APR2015 new epileptic seitures defecation, urination, consulsion, foam from the mouth no fewer. Results from threfer examination pending. [Reason for use for product. Generic: DPF LV Brand NOBIVAC DPF 10XIDS 130 Reason Prophysias Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is denoted to Phaeth Uniform State Prophysias Generic DPF LV Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB Brand: NOBIVAC L4 10XIDS 545 Reason Prophysias is Generic LEPTO*4(ETC,AM,GRIPP_BRAT)XB BRATICAL 10XIDS 545 REASON L5	Rottweiler	Not Known	NOBIVAC DHP 10X1DS 130 - 1,N/A,N/A,24,1 Dose Once 1 Animal (15/04/2015- 15/04/2015)-SBX-SBX-NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Once Daily (15/04/2015- 15/04/2015)-SBX-SBX-SBX	O1 - Inconclusive	
	BE-NLINTVINT-2015-BE-00145	Belgium	Animal	Canine/dog	Not Known	01/01/2015	27/04/2015	2 2	0 01/01/	015 Not Known	Injection site pain,Polyuria,Apathy,Polydipsia	Not Known	SAR Vet reports 2 dogs with Polyuria, Polydipsia? Transient pain reaction and apathy after vaccination with Nobixet 14. Interval between vaccination and SAR unknown. Age of dogs and conditions at vaccination unknown (temperature of vaccine). Vaccination scheme and combination with other vaccines unknown. Dutation of symptoms unknown. Further investigations, differential diagnosis, treatment and outnome unknown More information expected. (Reason for use for product: Generic LEPTO*QICT_CAN_GRIPP_BRAT) KB. Brand: NOBIVAC L4 10XLDS 545. Reason: Prophylaxis). [State of health: Unknown).	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 545 -	O - Unclassifiable/unassessa ble	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00146	Belgium	Animal	Canine/dog	5.4 Year(s)	01/01/2015	28/04/2015	1 1	0 01/01/	015 Not Known, > Not Known		Jr Not Known	SAR Anaphylactic reaction in a dog some hours after vaccination with presumably Nobbac NDFFF and Nobbac LA Symptoms: vonting, darbnee, redening of Sixto, Dog has recovered Dog with a history of regular gastrointestinal problems treated with flagl. Conditions at vaccination unknown. Further investigations unknown. Treatment unknown. Treatment unknown more information expected. 29 Arr 2015 Follow-up Symptoms starting 5 hours after administration of vaccines. Restlessness, somiting every hour until following morning, eightenan on beldy and unclarian on back of 58 hours. No treatment. No extra information expected, case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC DHPPI INDIS 130 Bassom Prophylaxis Generic: LETPFOI (ACM, RIPP, BRAT) KB Brand: NOBINAC L4 IDXID5545 Reason: Prophylaxis] [State of health: Unknown]	Maltese	4.7	NOBINAC DHPPI 10XLIDS 130 - 1.N/A.N/A, 24,1 Dose Once 1 Animal (01/01/2015) 01/01/2015/BR>-BR>NOBINAC L4 10XLID5 545 - 1.N/A.N/A, 24,1 Dose Once 1 Animal (01/01/2015- 01/01/2015) 	B - Possible	

NOBIVAC L4	BE-NLINTVINT-2015-BE-00151	Belglum	Animal	Canine/dog	6.5 Year(s)	16/04/2015	02/02/2018	1	1 17/0	1/2015 Yes	1	Injection site reaction NOS,Bradyardia, Cardiac NOS,Bradyardia, Cardiac rarest-Hypotension, Coilits, Diarrhoe a, Gastriks Polyuria, Respiratory a, Gastriks Polyuria, Respiratory arrest,Bronchis, Death,Anoreack, Death,Anoreack, Death,Anoreack, Death,Anoreack, Death,Bradyardic liese, Dehydration,Apathy, Hypopte, anosis, Hypothermia, Paraylic liese, Dehydration,Apathy, Hypopte, analy, Decubitus, Weak pulse,NT-valvular endocarditis	No Data	SAR Chicuahua with adverse reaction after vaccination with Noblaze L4, hospitalised 4 days later and died 6 days later with cardiac and respiratory arrest. Dog with a history of diarrose treated on regular basis with metrorialoze 1-SAPA2015 day found diarrhose that days before vaccination. InSAPA2015 annual revaccination with Noblaze L4. 17APA2015 pathty, anorexia, no vomiting or diarrhose. 19APA2015 with propovement of general health, still not eating. No vomiting or diarrhose. 19APA2015 with propovement of general health, still not eating. No vomiting or diarrhose. 19APA2015 with propovement of general health, still not eating. No vomiting or diarrhose. 19APA2015 with propovement of general health, still not decubits, dehydration, hypothermia, weak public. yoursois of skin at injection stilled but also on other flank. Treatment: IV finition and hospitalisational veterinary faculty Gent. General examination: apathy, hypothermia, lightprink to pale mucoses, normal breathing, moderate public, policy and veterinary faculty Gent. General examination: apathy, hypothermia, lightprink to pale mucoses, normal breathing, moderate public, policy diarrhos daring IV minutes repeating in the evening, hypothersion. Ultrasound and Radiography; gastritis, colitis, paralytic leux, mild chronic bronchis. Mass at throughstiannulus: differential diagnosis throughs, endocardistis, tunno: 22APA2015: acute worsening of general condition, patient died in the morning due to cardiac and respiratory arrest. 20MAAV2015 in oflowing vereedex esclosed follow-up on 207 Feb 2018:	Chihuahua	3.1	NOBINAC L4 10X1D5 545 - 1,N/N,N/A, 24,1 Dose 1 Dose (16/04/2015-16/04/2015)<8R> 	O1 - Inconclusive	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00161	Belgium	Animal	Canine/dog	Not Known	10/05/2015	15/05/2015	1	1 0 11/0	> <br< td=""><td>wn, <br R> Known</br </td><td>Fever</td><td>Not Known</td><td>VeODRA code "death" has been added. [Reason for use for product: Generic: LEPTO"4[ICT.CANGER/BRAT] NB BROWN NOBINGL. LEI DOLDD 554 Reason: Prophylaxis]. [State of LEPTO"4[ICT.CANGER/BRAT] NB BROWN NOBINGL. LER (LEPTO"4] NOBINGL. LER (LEPTO"4] NOBINGL. REPORTING VET IN 10 HE VET MARKET LEARN NOBING THE VET AND AND AND AND AND AND AND AND AND AND</td><td>Other Canine/dog</td><td>Not Known</td><td>NOBIVAC DHPPI 10X1DS 130 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (30 Day(s) 10/04/2015- 10/05/2015/eBR>-SBR>NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (10/05/2015- 10/05/2015-BRS-SBR></td><td>B - Possible</td><td></td></br<>	wn, <br R> Known</br 	Fever	Not Known	VeODRA code "death" has been added. [Reason for use for product: Generic: LEPTO"4[ICT.CANGER/BRAT] NB BROWN NOBINGL. LEI DOLDD 554 Reason: Prophylaxis]. [State of LEPTO"4[ICT.CANGER/BRAT] NB BROWN NOBINGL. LER (LEPTO"4] NOBINGL. LER (LEPTO"4] NOBINGL. REPORTING VET IN 10 HE VET MARKET LEARN NOBING THE VET AND	Other Canine/dog	Not Known	NOBIVAC DHPPI 10X1DS 130 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (30 Day(s) 10/04/2015- 10/05/2015/eBR>-SBR>NOBIVAC L4 10X1DS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (10/05/2015- 10/05/2015-BRS-SBR>	B - Possible	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00168	Belgium	Animal	Canine/dog	Not Known	01/05/2015	19/05/2015	1	1 0 01/0	5/2015 Yes,< R> <b< td=""><td> <b< td=""><td>Pruritus,Hyperthermia,Swollen eye,Swollen face (see also 'Skin')</td><td>No Data</td><td>SAS Swollen eyes and nose, pruritis, hyperthermis in a Malteus 3 hours after vaccination with Nobhac DHPPPI and Nobhac L4. Treatment with Rapideson and recovered. (Reason for use for product: Generic DHPPI LV Brand: NOBIN/AC DHPPI IOXIOSI 330 Reason: Prophylaxis Generic: LEPTOT-4[ICT_CAN_GRIPP, BRAT] KB Brand: NOBIN/AC L4 IOXIOS 545 Reason: Prophylaxis]. [State of health: Unknown]</td><td>Maltese</td><td>Not Known</td><td>NOBIVAC DHPPI 10XIDS 130 - 1,N/A,N/A,24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-SBR> NOBIVAC L4 10XIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-BR> </td><td>B - Possible</td><td></td></b<></td></b<>	 <b< td=""><td>Pruritus,Hyperthermia,Swollen eye,Swollen face (see also 'Skin')</td><td>No Data</td><td>SAS Swollen eyes and nose, pruritis, hyperthermis in a Malteus 3 hours after vaccination with Nobhac DHPPPI and Nobhac L4. Treatment with Rapideson and recovered. (Reason for use for product: Generic DHPPI LV Brand: NOBIN/AC DHPPI IOXIOSI 330 Reason: Prophylaxis Generic: LEPTOT-4[ICT_CAN_GRIPP, BRAT] KB Brand: NOBIN/AC L4 IOXIOS 545 Reason: Prophylaxis]. [State of health: Unknown]</td><td>Maltese</td><td>Not Known</td><td>NOBIVAC DHPPI 10XIDS 130 - 1,N/A,N/A,24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-SBR> NOBIVAC L4 10XIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-BR> </td><td>B - Possible</td><td></td></b<>	Pruritus,Hyperthermia,Swollen eye,Swollen face (see also 'Skin')	No Data	SAS Swollen eyes and nose, pruritis, hyperthermis in a Malteus 3 hours after vaccination with Nobhac DHPPPI and Nobhac L4. Treatment with Rapideson and recovered. (Reason for use for product: Generic DHPPI LV Brand: NOBIN/AC DHPPI IOXIOSI 330 Reason: Prophylaxis Generic: LEPTOT-4[ICT_CAN_GRIPP, BRAT] KB Brand: NOBIN/AC L4 IOXIOS 545 Reason: Prophylaxis]. [State of health: Unknown]	Maltese	Not Known	NOBIVAC DHPPI 10XIDS 130 - 1,N/A,N/A,24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-SBR> NOBIVAC L4 10XIDS 545 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/05/2015- 01/05/2015-BR> 	B - Possible	
	BE-NLINTVINT-2015-BE-00176		Animal	Canine/dog	3 Year(s)	08/04/2015	26/05/2015	1	1 0 20/0	1/2015 Yes,< R> <b< td=""><td> <br< td=""><td>Leucocytosis,Abdominal pain,Haemorrhagic diarrhoes,Melaena,Yomiting,Polydi pisla,Polyuria,Fever,Regenerative anaemia,Abnormal test result,Elevated amylase</td><td>No Data</td><td>SAR 8 Apr 2015: Vaccination with Noblave L4 and Noblave Rables. 20 Apr 2015: dog presented with feere and vonifinity retariented Cerein, Noroclava dis seriologi, role heratoric, increased elucocytes, ureum, amylase. (abnormal test result). 22 Apr 2015: Melena. 28 Apr 2015: somiting, polyuria, polypidapia, painful abdomen, seriologic regenerative amenia, heratoric transmissional clinicreased Universitymes, ureum, amylase (abnormal test results) 30 Apr 2015: Nemorrhagic distribora, garditatest positive, 4 Aby 2015: dog recovered, seriology, Fororial sulpits positive, (abnormal test result) lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, forence: Robert State of Apathic Valorious (ADDIVANT NV Brand: NOBIVAC RABIES IDXIDS 130 Reason: Uniforoma); Talsate of health: Uniforomal.</td><td>Yorkshire Terrier</td><td>2.2</td><td>NOBINAC L4 10XLDS 545 - 1,N/A/N/A 24,1 Dose Once 1 Animal (08)(04/2015- 08)(04/2015)+GRS-+GRS-NOBINAC RABIES 10XLDS 130 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (08)(04/2015-08)(04/2015)+GRS-+GRS-</td><td>O1 - Inconclusive</td><td></td></br<></td></b<>	 <br< td=""><td>Leucocytosis,Abdominal pain,Haemorrhagic diarrhoes,Melaena,Yomiting,Polydi pisla,Polyuria,Fever,Regenerative anaemia,Abnormal test result,Elevated amylase</td><td>No Data</td><td>SAR 8 Apr 2015: Vaccination with Noblave L4 and Noblave Rables. 20 Apr 2015: dog presented with feere and vonifinity retariented Cerein, Noroclava dis seriologi, role heratoric, increased elucocytes, ureum, amylase. (abnormal test result). 22 Apr 2015: Melena. 28 Apr 2015: somiting, polyuria, polypidapia, painful abdomen, seriologic regenerative amenia, heratoric transmissional clinicreased Universitymes, ureum, amylase (abnormal test results) 30 Apr 2015: Nemorrhagic distribora, garditatest positive, 4 Aby 2015: dog recovered, seriology, Fororial sulpits positive, (abnormal test result) lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, forence: Robert State of Apathic Valorious (ADDIVANT NV Brand: NOBIVAC RABIES IDXIDS 130 Reason: Uniforoma); Talsate of health: Uniforomal.</td><td>Yorkshire Terrier</td><td>2.2</td><td>NOBINAC L4 10XLDS 545 - 1,N/A/N/A 24,1 Dose Once 1 Animal (08)(04/2015- 08)(04/2015)+GRS-+GRS-NOBINAC RABIES 10XLDS 130 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (08)(04/2015-08)(04/2015)+GRS-+GRS-</td><td>O1 - Inconclusive</td><td></td></br<>	Leucocytosis,Abdominal pain,Haemorrhagic diarrhoes,Melaena,Yomiting,Polydi pisla,Polyuria,Fever,Regenerative anaemia,Abnormal test result,Elevated amylase	No Data	SAR 8 Apr 2015: Vaccination with Noblave L4 and Noblave Rables. 20 Apr 2015: dog presented with feere and vonifinity retariented Cerein, Noroclava dis seriologi, role heratoric, increased elucocytes, ureum, amylase. (abnormal test result). 22 Apr 2015: Melena. 28 Apr 2015: somiting, polyuria, polypidapia, painful abdomen, seriologic regenerative amenia, heratoric transmissional clinicreased Universitymes, ureum, amylase (abnormal test results) 30 Apr 2015: Nemorrhagic distribora, garditatest positive, 4 Aby 2015: dog recovered, seriology, Fororial sulpits positive, (abnormal test result) lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, result lestopinosis ELDA positive for 4 antigent Lenicola, australis, gripotiphosa, forence: Robert State of Apathic Valorious (ADDIVANT NV Brand: NOBIVAC RABIES IDXIDS 130 Reason: Uniforoma); Talsate of health: Uniforomal.	Yorkshire Terrier	2.2	NOBINAC L4 10XLDS 545 - 1,N/A/N/A 24,1 Dose Once 1 Animal (08)(04/2015- 08)(04/2015)+GRS-+GRS-NOBINAC RABIES 10XLDS 130 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (08)(04/2015-08)(04/2015)+GRS-+GRS-	O1 - Inconclusive	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00177		Animal	Canine/dog	17 Year(s)	06/11/2014	26/05/2015	1	1 0 06/1	1/2014 Yes	:	Lethargy (see also Central nervous system depression in 'Neurological'),General illness,Blood in vomit	No Data	SAR Dog disposed in march 2014 with an non-removable invasive tumour of adrenal gland penetrating in wear and wear nearing. S. OCT 2014 - vs.cetation with Nobbuck 4.5 sight lethangs NOV2012. 2nd vs.cetation Nobbuck 1.4, dog reacted with sever reaction and womiting blood, but did not consult the vest that time. Owner has reported this only today to the vet when reported to MSDAH on 26May. Vet thinks that vomiting of blood was not related to vs.ceiniation. General health status at this moment unknows. No further information expected. case closed, I Reason for use for product: Generic LEPTO*QICT_CAN_GRIPP.BRAT] NB Brand: NOBIVAC L4 10X1DS 545 Reason:	Dobermann	3.45	NOBIVAC L4 10X1DS 545 - 1,N/A,N/A,24,1 Dose Twice 1 Animal (06/11/2014- 06/11/2014)-BR> 	O1 - Inconclusive	
NOBIVAC LA			Animal	Canine/dog	Not Known	08/07/2015	12/08/2015	1		> <td>WM,CBR>CBR R>-CBR>BR> WM,CBR>BR WM,CBR>CBR WM,CBR>CBR WM,CBR>CBR R>-CBR>CBR> WM,CBR>CBR WM,CBR>CBR</td> <td>Injection site painLicterus, Noti drinking-Sian leion MOS, Sian necrosis, Annorsia, Letharty (bea dalo Central nervous system depression system depression in Paralytic Responsability (Paralytic Responsability) (Paralytic Responsability)</td> <td>Not Known</td> <td>SAR 17 Jul 2015 Veterinarian routiles symptoms of leptospirosis and skin lesion in a dog after executation with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 4. No information if mixed or not. Dog also necewed Milbernas. 9 Jul 2015 50 g shows particular programs of the control of the programs of th</td> <td>Chihushua</td> <td></td> <td>Cerenia - 2.N/A.N/A. 10.0.2 mil Orce 1. Animal (10/07/2015- 1. Animal 16/07/2015- 1. Ani</td> <td>B - Possible</td> <td></td>	WM,CBR>CBR R>-CBR>BR> WM,CBR>BR WM,CBR>CBR WM,CBR>CBR WM,CBR>CBR R>-CBR>CBR> WM,CBR>CBR	Injection site painLicterus, Noti drinking-Sian leion MOS, Sian necrosis, Annorsia, Letharty (bea dalo Central nervous system depression system depression in Paralytic Responsability (Paralytic Responsability)	Not Known	SAR 17 Jul 2015 Veterinarian routiles symptoms of leptospirosis and skin lesion in a dog after executation with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 8. Jul 2015 cpg is vaccinated with Nobusc DHPPi and Nobusc L 4. No information if mixed or not. Dog also necewed Milbernas. 9 Jul 2015 50 g shows particular programs of the control of the programs of th	Chihushua		Cerenia - 2.N/A.N/A. 10.0.2 mil Orce 1. Animal (10/07/2015- 1. Animal 16/07/2015- 1. Ani	B - Possible	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00273	Belgium	Animal	Canine/dog	4-5 Month(s)	14/07/2015	19/08/2015	1	1 0 19/0	R> <b </b 	 <b BR><brp>Yes, I> < Not wn</brp></b 	Lymphocytosis, Cough, Abnormal text result, Prieumonitis	Not Known	SAR Pays accelerated with Nobback L4 and diagnosed with interestital pneumonitis complicated with kennel cough. Limited information, no further details known at this moment, Follow up expected. 28 Aug. 2015 follow up Adverse reaction several days after vaccination, duration not specified. No information nature date, symptoms, lession, scanniations for off-ferential diagnosis. No information on whereabouts (kennel visit?) More vaccines involved. Primovaccination dates 29 Jun Nobbac BBP, Nobbac CBP, Nobbac LBP, Nobbac	Miniature Dachshund	3.5	NOBIVAC BBPI SXIDS+SXIDS OIL 130 - 1 JN/A.W/A, 24.1 Dose Once 1 Aminal (129/6/2015). 23/06/2015+BR->BB->NOBIVAC DHPI 201015 130 - 1 JN/A.W/A, 24.1 Dose Once 1 Animal (129/66/2015- 23/06/2015). 23/06/2015+BR->BB->NOBIVAC LI 10XIDS 555 - 1 JN/A.W/A, 24.1 Dose TWKE 1 Animal (14/07/2015- 14/07/2015):BR>>BR>	O1 - Inconclusive	
NOBIVAC L4	BE-NLINTVINT-2015-BE-00274	Belgium	Animal	Canine/dog	12 Week(s)	17/08/2015	21/08/2015	1	1 0 21/0	> <br Not Know ><br< td=""><td>: :wn, <br :R> : :wn, <br :R> :Known</br </br </td><td>General illness</td><td>Not Known</td><td>SAR Pup vaccinated with Nobivac Puppy DP at 6.5 weeks (16)UL2015) and revaccinated at 12 weeks old (17AUG2015, pup was healty at time of vaccination) with Nobivac DP and Nobivac LR, Presented 22AUG very sick. No details on symptoms or treatment. No information and ifferential diagnosis. Pup originating from a litter where several pups died., parvoinfection suspected but no details available. Pup was set pin isolation during 1 month, no details available. Out one unknown. Follow up expected. (Reason for use for product: Generic: DPI VB Franci NOBIVNAC DPI 20TIOS 130 Reason: Unknown. Generic: LEPTO-41CCA/MGRIPP BART MS Brand: NOBIVNAC DPI 20TIOS 130 Reason: Unknown. Generic: CPI VB Frand: NOBIVNAC DPI 20TIOS 130 Reason: Prophylasis] [State of health: Good]</td><td>Other Canine/dog</td><td>Not Known</td><td>NOBIVAC DHP 10X1DS 130 - 1,N/AN/A, 24,1 Dose Once 1 Animal 1,7/08/2015- 1,7/08/2015-BR>-NOBIVAC L4 1/08/2015- 1,7/08/2015-BR>-NBINAC L9 10X1DS 545 - 1,N/AN/A, 24,1 Dose Once 1 Animal (17/08/2015- 17/08/2015-BRS-BR>-NBINAC PUPPY DP SXIDS-5XIDS DIL 130 - 1,N/AN/A, 24,1 Dose Once 1 Animal (16/07/2015-16/07/2015)-BR>-BR>-</td><td>O - Unclassifiable/unassessa ble</td><td></td></br<></br 	: :wn, <br :R> : :wn, <br :R> :Known</br </br 	General illness	Not Known	SAR Pup vaccinated with Nobivac Puppy DP at 6.5 weeks (16)UL2015) and revaccinated at 12 weeks old (17AUG2015, pup was healty at time of vaccination) with Nobivac DP and Nobivac LR, Presented 22AUG very sick. No details on symptoms or treatment. No information and ifferential diagnosis. Pup originating from a litter where several pups died., parvoinfection suspected but no details available. Pup was set pin isolation during 1 month, no details available. Out one unknown. Follow up expected. (Reason for use for product: Generic: DPI VB Franci NOBIVNAC DPI 20TIOS 130 Reason: Unknown. Generic: LEPTO-41CCA/MGRIPP BART MS Brand: NOBIVNAC DPI 20TIOS 130 Reason: Unknown. Generic: CPI VB Frand: NOBIVNAC DPI 20TIOS 130 Reason: Prophylasis] [State of health: Good]	Other Canine/dog	Not Known	NOBIVAC DHP 10X1DS 130 - 1,N/AN/A, 24,1 Dose Once 1 Animal 1,7/08/2015- 1,7/08/2015-BR>-NOBIVAC L4 1/08/2015- 1,7/08/2015-BR>-NBINAC L9 10X1DS 545 - 1,N/AN/A, 24,1 Dose Once 1 Animal (17/08/2015- 17/08/2015-BRS-BR>-NBINAC PUPPY DP SXIDS-5XIDS DIL 130 - 1,N/AN/A, 24,1 Dose Once 1 Animal (16/07/2015-16/07/2015)-BR>-BR>-	O - Unclassifiable/unassessa ble	

NOBIVAC L4	BE-NLINTVINT-2015-BE-00281	Belgium	Animal	Canine/dog	12 Year(s)	01/02/2015	25/08/2015	1 1	1 01/02/:	R> <br< td=""><td></td><td>Other</td><td>SAR Veterinarian contacted MSD only 24AUG about mortality due to heart failure of a dog with a cardiac problem fronths ago after yearly reaccination with limber and tepto according to owner. Presumed Nobivo DHP91 and Hobbas CLA 3 days later dog was ill with tartycardia and dyspone. The dog died sit week later, According to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from home from the displacement of the cardiac problem exagenated with the vaccination reaction. No information on treatment for cardiac problem before or after vaccination No follow up expected. case closed. [Reason for use for product: Generic: DHPP1 L drain KIDBINIZO 1533 Reson Prophylasis Generic: DHPP1 L drain KIDBINIZO 1533 Reson Prophylasis Generic: DHPP1 L drain KIDBINIZO 1545 Reson Prophylasis Generic: LIPPT0 4[CT_CAM_GRIPP_BRAT] KB Brand: NOBINIZO 1545 Resson: Unknown]. [State of health: Pound</td></br<>		Other	SAR Veterinarian contacted MSD only 24AUG about mortality due to heart failure of a dog with a cardiac problem fronths ago after yearly reaccination with limber and tepto according to owner. Presumed Nobivo DHP91 and Hobbas CLA 3 days later dog was ill with tartycardia and dyspone. The dog died sit week later, According to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from heart floud year according to owner the dog died from home from the displacement of the cardiac problem exagenated with the vaccination reaction. No information on treatment for cardiac problem before or after vaccination No follow up expected. case closed. [Reason for use for product: Generic: DHPP1 L drain KIDBINIZO 1533 Reson Prophylasis Generic: DHPP1 L drain KIDBINIZO 1533 Reson Prophylasis Generic: DHPP1 L drain KIDBINIZO 1545 Reson Prophylasis Generic: LIPPT0 4[CT_CAM_GRIPP_BRAT] KB Brand: NOBINIZO 1545 Resson: Unknown]. [State of health: Pound
	BE-NLINTVINT-2015-BE-00282	Belgium	Animal	Canine/dog		24/08/2015	25/08/2015	1 1	0 24/08/:	R×BR×BR	Yes		SAN Vet reports wollen eylds, puritus, vomiting shortly after vaccination with Nobiwac DHPPI and Nobibac LA Transmert with Desamethans. Recovered. Previous vaccinations (possible) with Vanguard without problems. Follow up expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC L14 (DIXIDS 545 Reason: Unknown) [State of health: Unknown] [State of health:
	BE-NLINTVINT-2015-BE-00293	Belgium	Animal	Canine/dog	3 Year(s)	28/08/2015	21/09/2015	1 1	0 01/09/	015 Yes, <br. r=""> <b< td=""><td>Yes, membrane, Hypotension, Vomiting,</td><td>No Data L</td><td>BE-ALINTWIT-2015-BE-00233-SAR Allegic reaction soon inot specified jafer vaccination with Other Modified Control of the Control of C</td></b<></br.>	Yes, membrane, Hypotension, Vomiting,	No Data L	BE-ALINTWIT-2015-BE-00233-SAR Allegic reaction soon inot specified jafer vaccination with Other Modified Control of the Control of C
	BE-NLINTVINT-2015-BE-00311	Belgium	Animal		1.3 Year(s)		21/09/2015	1 1	0 19/09/:	Known, <br: > Not Known</br: 	Foaming at the mouth, Seizure EBR NOS, Urination, Muscle spasm BRP NOS, Loss of consciousness	Not Known	SAR 21 SEP 2015 Vet reports SAR starting 1 hour after vaccination. Symptoms: 5 epileptform setures to in the course of 3 hours, occuring at rest. Posining at the mounth unisation, loss of concisiousness, 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 1 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 2 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 3 A/A/A/A/2, 1 Dose Once 1 A dimail (19/08/2015). 4 Dose Once 1 A dimail (19/08/2015). 5 A/A/A/A/2, 1 Dose
NOBIVAC L4	BE-NLINTVINT-2015-BE-00325	Belgium	Animal	Canine/dog	2 Year(s)	09/04/2015	02/10/2015	1 1	1 19/04/:	015 Not Known, <br: > Not Known</br: 		h Not Known	SAR 2 oct case reported by referal vet without details. 5 OCT 2015. Attenting Vet reports suspicion of Immunementalized thrombocytopenia Jodgws after securiations with Noblows CHPP and Noblows CLIR Mountain Deg Mouration Deg M
NOBIVAC L4	BE-NLINTVINT-2015-BE-00327	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/	015 Not Known	Myocarditis	Not Known	SAR During a visit to a referral vet on 29 Sep 2015, she reported multiple reactions in multiple dogs, due of their Not No
NOBIVAC L4	BE-NLINTVINT-2015-BE-00329	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/	015 No	Nephropathy	Other	SAB During a visit to a referral vet on 29 Sep 2015, she reported multiple reactions in multiple dops, due 0 ther Not NOBNAC L4 IDXLIDS 545. O NON NOBNAC L4 IDXLIDS 545. Now MINANAN/A SAIN ASHANOW Unknown Unchassifiable/unassessa Visit of the appeared after the second vaccination (booster). The vet is not inclined to cooperate and the information is very scarce. This dop ind per-existing enhappeapity and reports peripopatity and reports per
NOBIVAC L4	BE-NLINTVINT-2015-BE-00330	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/	015 No	Pericarditis	Other	SAR During a visit to a referral vet on 29 Sep 2015, she reported multiple reactions in multiple dogs, due 1 to Nobleva L. La in he opigion, recorded in case 2015.8-6 00172, 239, 30, 313, 313, 333 and 334. The 1 to Nobleva L. La in he opigion, recorded in case 2015.8-6 00172, 329, 30, 313, 313, 333 and 334. The 1 canine/dog 1 canine
NOBIVAC L4	BE-NLINTVINT-2015-BE-00331	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	2 2	0 01/01/	015 Not Known	Pneumonitis	Not Known	Set During a visid to a referral vet on 25 Sep 2015, she reported multiple reactions in multiple dogs, due to No Record to
NOBIVAC L4	BE-NLINTVINT-2015-BE-00332	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/	015 Not Known	Injection site lesion,Lymphocytosis	Not Known	Not Account to a referral vet on 25 Exp 2015. the reported multiple reactions in multiple dogs, due to their Canine/dog reactions in multiple dogs, due to their Canine/dog reactions of the reported multiple reaction in the reaction of the reaction of the reported multiple reaction in the reaction of the reported multiple reaction in the reaction of the reported multiple reaction in the reaction of the
NOBIVAC L4	BE-NLINTVINT-2015-BE-00333	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/	015 Not Known	Liver disorder NOS	Not Known	NCA agrees with the assessment of MAH (NA/NA/NA/AJAInnown Undown) bered and age and unknown how the diagnosis was established. No more information specific face follows from the information unknown breed and age and unknown how the diagnosis was established. No more information specific face follows from the information (INFORMAC) and the information (INFORMAC) are information expected face dozed (Research for the formation expected face dozed (Research for the formation expected face dozed (Research formation expected face dozed face face dozed face dozed face dozed face dozed face face face face face face face face

NOBIVAC L4	BE-NLINTVINT-2015-BE-00334	Belgium	Animal	Canine/dog	Not Known	01/01/2015	29/09/2015	1 1	0 01/01/2015	Not Known	Death	Not Known	SAR During a visit to a referral vet on 29 Sep 2015, she reported multiple reactions in multiple dogs, due to Nobivac 14 in her opinion, recorded in cases 2015-8E-00327, 329, 330, 331, 332, 333 and 334. The		Not Known	NOBIVAC L4 10X1DS 545 - N/A,N/A,N/A ,24,Unknown	O - Unclassifiable/unassessa	NCA agrees with the assessment of MAH
													reactions often appeared after the second vaccination (booster). The vet is not inclined to cooperate and the information is very scarce. This case reports death at a unknown timeframe post vaccination, unknown breed and age, unknown circumstances. No more information expected Case closed (Reason for use for product: Seenet: EPTO*4(CF.CAN.GRIPP.BRAT) KB Brand: NOBIVAC L4 10X1DS 545 Reason: Prophylaxis) [State of health: Unknown]			Unknown (01/01/2015- 01/01/2015) 	ble	
	BE-NLINTVINT-2015-BE-00346	Belgium	Animal			08/09/2014		1 1	0 31/10/2014	Known, BR> Not Known	Injection site lump, Skin and/or appendage neoplasm NOS	Not Known	130CT SAW Vet reports suspicion of mastocytoms in a dag vaccinated 3 year ago with Nobbac DHF & Nobbac LHF with Nobbac LHF with Vet Per weeks list (310CT)2014 70 go developed local resction at injection site. site right flank according to owners. Lump is at the level of the polisi, not a usual injection site. swelling slowing younge over the year, dameter 2.3-3 cm, Cytology. Mastocyte, Ribobasts, neutrophis. Hadopathology pending, follow up expected. Follow up 8 November 2015 Histopathology results. MEOVET 10930B Mast cell turnor (MCT), subuctionates, Parhail good in, Riquellow grade, MC Lipe Lib (1994) 10 miles (1	American Staffordshire Terrier		NOBINAC DHP 10X1DS 130 - 1 JAI/AN/A 24,1 Dose Gnce 1 Animal (08/09/2014-08/09/2014-08/09/2014-08/09/2014-08/09/2014-08/09/2014-13/10/2014)-687-687-687-687-687-687-687-687-687-687	N - Unlikely	
	BE-NUNTVINT-2015-BE-00347	Belgium	Animal	Canine/dog		05/05/2015	09/11/2015	1 1	1 01/10/2015	No, SR> No 	Death by euthanasia, Lack of efficacy	Not Known	SLEE for Lepto 13 Cot 2015 ver reports Leptospinosis in a dig vaccinated with Nobivac L.4. Last year (date not specified primovaccination with Nobivac L.4. 2 lapticions with 3 weeks interval. Bootser in may 2015. History of previous Lepto vaccination unknown. Date not specified (presumed Ortober), dog presented with Neven, nemiel, dark ruine Postive for L.1 griposphysos. Reports of examination not available. Treatment: Doxycyclin, dog improved and recovered. Follow up a vencetor of examinations not available. Treatment: Doxycyclin, dog improved and recovered. Follow up a vencetor 3193462 Haematology. Increased liver enzymes (Transaminase GPU/I) 75 (<42); Alazline phosphatase U/I) 655 (COID), Creatinin pull 2165-13); Levrend pl.4 2.5 (02.1-03) servology. (1200 L. grippo case closed Follow up 9 November 2015 The dog had relapsed and was euthanised. The autopay report reviseled Multiple stomach Lulers in the pylorus, with haemorrhagic nature. Colon, cecum: black content Pancreas: multiple nodules. Imm. regular viralise less: Conclusion, pracreatic tumors no follow up expected case closed. [Reason for use for product. Generic: LEPTO*4[ICT_CAN_GRIPP.BRAT] Brand: NOBIVAC DHPP IDX105 330 Reason: Unknown.] [State of health: Unknown]	Other Canine/dog	Known	NOBHAYE DHPP IDXIDS 130 - NA/NA/NA/NA JANA/N (65/56/2015-) 65/65/2015-(8R-N-8B-N-08IVAC L4 IDXIDS 545 - INA/NA/N-2-4, IDose Once 1 Animal (65/05/2015-) 01/05/2015-8R-×BR>	N - Unlikely	NCA agrees with assessment of MAH; Death by euthanasia was added
NOBIVAC L4	BE-NLINTVINT-2015-BE-00348	Belgium	Animal	Canine/dog	3 Month(s)	07/10/2015	28/10/2015	1 1	0 07/10/2015	Yes, <b R>BR>CBR>Not Known, CBR >CBR>CBR> Not Known</b 	Diarrhoes, Vomiting, Apathy	Not Known	SAR 14 CF vet reports more adverse reactions after vaccination with Nobavac DHPPI and Nobavac L4 Symptoms: woming diarhorsa, apathy. 2 dois had to be hoptimised. Dates of vocancianio and start of symptoms unknown. Follow up expected 28 CFL 2015 follow up 3 vaccines used the same moment: Nobavac L4, Nobavac Rabeiss, Nobavac Boff Only 1.5 god with vorinting, apathy, hospitalisation involved, treated with perfusion. Reaction starting 2 hours after vaccination. Dog recovered around 8 Oct. case closed (Reason for use for product. Generic LEPTO* 40fCL/AGREPPBART) Barried. NOBINAC BASIS 100105 33 Reason: Prophylasis Generic RABLES IN ALU ADIUVATI YU Sranch NOBINAC RABLES IOIL 130 Reason: Prophylasis Generic RE ANNEW P. I BLIV Branch NOBINAC BBPI SXILDS— DIL 130 Reason: Prophylasis (State of health: Unknown)	Golden Retriever	Known	NOBINAC BBPI SXID5-SXID5 DIL 130 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (07/10/2015- 07/10/2015-BR>-NOBINAC L4 10XID5 545 - 11/A,N/A, 24,1 Dose Once 1 Animal (07/10/2015- 07/10/2015-BR>-BR>-NOBINAC RABIES 10X1DS 130 - 1,N/A,N/A 24,1 Dose Once 1 Animal (07/10/2015-BR>-BR>-	B - Possible	NCA agrees with assessment of MAH
	BE-NLINTVINT-2015-BE-00357	Belgium	Animal	Canine/dog		01/10/2015	23/10/2015	1 1		Not Known	Epilepsy	Not Known	SAR 23OCT2015 Report from Veterinarian about suspicion of epilleptic crisis in a dog vaccinated with Nobiwac L4. No other information available. Follow up expected. [Reason for use for product: Generic: LEPTO' (LT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X1DS 545 Reason: Prophylaxis] IState of health: Unknown!	Other Canine/dog		NOBIVAC L4 10X1D5 545 - N/A,N/A,N/A ,24,Unknown Unknown Unknown (01/10/2015- 01/10/2015) 	O - Unclassifiable/unassessa ble	Unknown time relationship between vaccination and sign, not clear how the diagnosis is established and patient details currently not clear, awaiting more information. ABON O for now.
	BE-NLINTVINT-2015-BE-00366	Belgium	Animal			24/09/2015		1 1		Not Known	Unexplained death	Not Known	28 Oct 2015 Veterinarian reports death of a dog after vaccination with Nobivac L4, 24 Sep 2015 Dog is vaccinatized with Nobivac L4, 2 Hours later, dog died. No further information available. Case closed. [Reason for use for product: Generic: LEPTO*4ICT_CAMO,RIPP_BRAT) KB Brand: NOBIVAC L4 10X1DS 545 Reason: Vaccination] [State of health: Unknown]	Miniature Schnauzer	Known	NOBIVAC L4 10X1DS 545 - N/A,N/A,N/A, 24,Unknown Once 1 Animal (24/09/2015- 24/09/2015) 	O1 - Inconclusive	Close association in time. Individual hypersensitivity reaction cannot be excluded. No information on health status of the dog at the moment of vaccination. No necropsy report was provided
	BE-NLINTVINT-2015-BE-00391	Belgium	Animal	Canine/dog		01/01/2015	23/11/2015	1 1		Not Known	Epileptic seizure	Not Known	SAR. 23 NOV 2015 Vet reports epileptiform seitures in a dog vaccinated with Nobbac L4. Unknown internal between varicantains and start of suspected epileptiform seitures, duration and number of seitures. No information can history or other treatments. No information on examinations for seitures. No information on examinations for differential algospois. Outcome unknown, Follow que expected., [Resonfor use for product: Generic: LEPTO*QICT_CAN_GRIPP_BART] XB. Brand: NOBIVAC L4 10X1D5 545 Ressor: Vaccination] [State of health: Information.	Other Canine/dog	Known	NOBIVAC L4 10X1DS 545 - N/A.N/A.N/A,24,Unknown Unknown (01/01/2015- 01/01/2015) NOBIVAC DHPPI 10X1DS 130 -	O - Unclassifiable/unassessa ble	Unknown temporal association. No information on history, type and duration. No examination for differential diagnosis. Insufficient information available at this moment to draw a conclusion, therefore O.Follow up expected
NOBIVAL LA	BE-NLINTVINT-2015-BE-00392	Belgium	Animal	Canine/dog	v rear(5)	17/09/2015	23/12/2015		1 28/10/2015	Not Known,
 Not Known</br 	Diabetes, Drinking a lot, Death by euthanasia, Weight loss	Known	SAR 21 Nov. Vet asks if there is a possible link between vaccination with Nobwac L4 and suspicion of dubbetes in 2 dogs from the same litter. The doesn't thinks to but the owners are use and ask for explanation. Insufficient information currently available concerning diagnosis, interval, history, the restament, outcome, Follow que experted. 2016 C Follow go received 175/F2015 So Southeraccination C vaccines used Nobbwac DHPPI - Nobbwac L4 280CT2015 Gog drinks more and loses weight. 1 or dogs[cycenia 240.0 on teatment with Caninoulian and recovered 1.0 ofg (Sycenia 391). Dog was treated with Caninoulian does unknown) but owners preferred euthanasia. 1.0 og euthanised 28NOV/2015. CASE TOB ESPUTI 10.2 ESPUTI	Other Canine/dog	Known	NOBINUL DHIPH JUXIUS 130- JI/N/M/A 24.1 Dose Not applicable 1 Ampule (17/09/2015- 17/09/2015)=RR-BR-NOBINUC L4 10XID5 545 - 1.N/AM/A 24,1 Dose Not applicable 1.Aminal (17/09/2015-17/09/2015)-BR>-BR>	N - Unlikely	For the moment, no report so confirm the link between vaccine and diabetes. NCA agrees with the assessment of MAH
NOBIVAC L4	BE-UKPFIZAH-2014-BE-00092	Belgium	Animal	Canine/dog	2 Year(s)	21/08/2014	30/09/2014	1 1	1 22/08/2014	Yes, Yes	Intestinal congestion, Vomiting, Death, Anorexi a	No Data	On 21AUGUST2014 dog was succinated with Yanguard DA2je-CPV and Mobivac L4 (two seperate injection, two differen places), On 22AUG Condition got worse and weterinarian performed lapratomy: hemorrhagic content was present in the abdomen, hyperemic intestines and necrotic lesions on small intestiens on 25AUG the dog dead Follow-up on 305EP2014 - FAGG assessment - O.I. (Reason for use for product: Generic CANINE ADDROVARUS TYPE 2, TRANA MANI-MATA, 21-31-76, CANINE DISTEMER VINISY, ST Brand: VANCUARD DA2PF-CPV Reason: Prophylaxis Generic: Brand: Nobivac L4 - MSD Reason: Vaxcination I State of health Unknown.	Dobermann		Nobivac L4 - MSD - 1,N/A,N/A,24,1 Dose Once 1 Animal (21/08/2014- N/A) VANGUARD DAZPI- CFV - 1,N/A,N/A,24,1 Dose Once 1 Animal (21/08/2014-N/A) 	O1 - Inconclusive	

NOBIVAC 14	BEL-BIAMPVIP-178E000118	Belgium	Animal	Canine/dog	11 Year(s)	24/07/2017	25/08/2017	1 1	1 26/07/20	7 Not Known, 	darnhoea] Vormiting Balance problem, Seizur No.Speripheral vestbular disorder, Nystagmus, Death by euthanasis, Decreased appetite, Lethany (see also Central nervous system depression in 'Neurological'), Weight loss, Falling	Not Known	As reported by the attending vet, a Jack Russel received frontect (batch unknown) on 01 AUG 2017. The morning after, 02 AUG 2017, the dog presented with lateral collapse and vomiting. The dog was tentated with notification data of the presented with lateral collapse and vomiting. The dog was tentated with notification data of 11 years, weighing approximately 8.5 kg received FRONTECT pot on (batch unknown) administered by the DWN on 25 JULY 2017. The day before, on 24 JULY 2017, the do had been vaccinated with NOSINAC DHPPI LQ (batch unknown) by the DVN. On 25 JULY 2017, the do started showing womptoms of a perfertive sterbildur disease; so for balance, falling, instagrams, vomiting, restlessness. This occurred several times a day. The dog was hospitalised, received fluids and corticosteroids and recovered initially, however, the veterinarian was contracted again by the owners on 7 AUGUST 2017. The dog had lost weight, showed decreased appetite and showed the above described symptoms. The dog was enhanced on 11 AUGUST 2017. 2 years before, the dog had womitted after treatment with figural (unknown product), UPDATE 17 AUGUST 2017. The product of the product of th		8.5	Frontect - 1.N/A.1, 24.1 Dose 1 Month(s) 1 Animal (25/07/2017- 25/07/2017)-RENB-NOBINAC DHPP 10XL05 130 - 1.N/A.1, 24.1 Dose 1 Year(s) 1.Animal (26/07/2017- 24/07/2017)-RBRB-NOBINAC L4 10XL05 543 - 1.N/A.N/A.2.4.1 Dose Unixnown 1 Animal (24/07/2017- 24/07/2017)-RBRB	O - Unclassifiable/unassessa ble	The CA agrees on the assessment of the MAM.
	BEL-BIAHPVIP-17BE000165	Belgium	Animal	Canine/dog	9 Week(s)	01/10/2016	31/10/2017	3 3	01/10/20:	6 No, BR>B R>BR>BR>Not Known	Pale mucous membrane,Vomiting,Urinary incontinence,Anaphylactic shock	Not Known	As reported by the attending evt, 3 dogs of small breeds (not further specified) weighing approximate! Its, approximately evues fool, received EURICAN CHPPI and MOSINACL stat Assame time, but in separate syringes, administered SC between the shoulder blades by the attending veterinarian. Immediately after product administration, the dogs started vomiting, urinating, showed pale mucosar and developed an anaphylactic shock. The dogs were treated with adrenalin, corticosteroids and VC fluids. The dogs recovered after half a day of hospitalisation and went home the same day. [Reason for use for product: Generic: EURICAN CHPPI2 Rancia: EURICAN CHPPI2 Rancia (EURICAN CHPPI2)	y Other Canine/dog	1	EURICAN CHPPI2 - 1,N/A,1 Years,24,1 Dose 1 Year(s) 1 Animal (01/10/2016- 01/10/2016-BR>~BR>Nobivac L4 - 1,N/A,1 Years,24,1 Dose 1 Year(s) 1 Animal (01/10/2016- 01/10/2016)<	B - Possible	Anaphylactic shock is a possible adverse reaction after vaccination, however, 2 vaccines were administered at the same time, hence it is impossible to determine which of both vaccines caused or contributed to the side effects.
NOBIVAC L4	BEL-BIAHPV1P-188E000025	Belgium	Animal	Canine/dog	2 Year(s)		16/02/2018	1 1	16/02/20	8 Not Known, BR>CBR Not Known, BR >BR >BR >BR >BR Not Known, BR >BR >BR Not Known	Decreased activity, Fever, Injection site bruising, Injection site swelling	Not Known	According to the attending vet, a dog received EURICAN PREUNDO, SZ administered by the veterinaria at level of the finish. The dog presented afterwards with a large swelling at the injection site and a second swelling a couple of centimeters more cranially located (swollen mynth node?) and fever 83.7°C. The dog was treated with Netican. No further information availables at this moment. UPGATE ET 36FEB3. Maz, a male Dobermann of 2 years, weighing 38 kg, received EURICAN PREUND (blach 1365, caspr) date 030/1/2019) on 318FEB3. Sc. administered by the DVM at level of the flank. On 16FEB2018 the dog presented with a large swelling at the injection site, which also seemed to have accumulated at the bonk oper part of the abdomen, with a swelling and brusing at the level of the nipples. The dog also was hyperthermic [93.8°C] and calmer than normal. Appetite was of the dog was treated with Metacam and recovered completely. The dog was vareated with Metacam and recovered completely. The dog was vareated with Metacam and recovered completely. The dog was vareated met NEUNDODG Resours Routine vaccination [State of health: Good] Resson: Routine vaccination [State of health: Good]	Dobermann	38	Nobiac DIP - 1,1/L/1 Years,24,1 Dos 1 Year(s) 1, Animal [13/02/2018] 13/02/2018)-RR-RB-Nobiac L4 13/02/2018)-RB-RB-RB-Nobiac L4 13/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/	O1 - Inconclusive	Symptoms like fever and discressed activity can be inked to the administration of the vaccie, however in this case 3 vaccines were used at the same time.
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00007	Belgium	Animal	Canine/dog	10 Year(s)	11/01/2016	20/01/2016	1 1	1 11/01/20	6 Yes, <e R> Yes</e 	Comulsion,Loss of consciousness,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Death,Cyanosis	No Data	Suspected adverse reaction 11 Jan 2015 Vet reports death of a 10 year old dog a few hour (unspecified) after accination with Mobine L4 + Noblex grave-O Eath rin vindrown). I11 jan 2015 in the afternoon vaccination after normal auccultation 30 minutes after coming home the dog collapse and ded. Owners reticue autopy, No other information, Follow up expected. 2014 Not follow up Profit 13 minutes after coming home dog lost consciouses, presented some convulsions and died. After return to the vet no respiration and no heartbest. Cypnotic microses. No information on previous vaccinations and reactions, case closed. 21 JUM follow up Patient had same vaccinations on previous vaccinations and reactions. Last closed 21 JUM follow up Patient had same vaccinations on previous vaccinations and reactions. Last profit is second vaccination with Noblex L4.1 stay earn or reactions the Noblex L4 vaccination. Taking into consideration the age and the breed the vet considered a hea problem more likely, A link with the profit can be every not be excluded due to the temporal association. [Reason for use for product: Genéric: LEPTO*4[ICT_CAN_GRIPP_BRAT] KS Brand. NOBINACL 4 JURIOS 55 Reasons Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC PARVO- LOXIDS 130 Reasons: Vaccination] [State of health: Good]	German Shepherd Doj d d n	35	NOBINAC L4 IDXID5 545 - J.N/A.1 Dug, 24.1 Dos 1 Dug 1 Arimal (11/01/2016- 11/01/2016- 11/01/2016- 11/01/2016- PARVO-C IDXID5 130 - 1,N/A.1 Dug, 24.1 Dos 1 Dug 1 Arimal (11/01/2016-11/01/2016) 	B - Possible	NCA agrees with assessment of MAH
	BEL-MERCKMSD-2016-BE-00008	Belgium	Animal	Canine/dog	3 Month(s)	01/01/2015	02/02/2016	1 1	1 13/12/20	Known, BR> RN>BR>CBR> Not Known	lymph node,Intestinal disorder NO:	Not Known	SAR 12MAZDIS Ver reports death of a pup after vaccination (date not specified) with Nobback 14 - Vangarach. Not information on previous excensions, No information on bistory of pup. 13DEC2DIS pup suffered vomitting and anorexia 14DEC2DIS condition worsening and presented to veterinary clinic 15DEC2DIS pup ded, UGRIST Antopay 2DIS A 832 dehydration, traches a small quantity of symmeous front, Lungs; generation deems and pretendase, Liver: congestion folders; pectical Meterestration in lymphnodes: swollen; stomach: peterbiae and hemorrhages, whitebrown slim; content intestines: depletion of pepers patches, suggestive of canine Paravoirus intertion, but not confirmed yet. Conclusion of the autopsy suggests Leptospirosis (not confirmed yet). No other information available at this time. Follow up expected. 2 FEB 2DIS follow by Information reviewed by hem alf from the confirmed yet. The period of	Border Collie	5.18	NOBINAC L4 IDXLDS 545- NANA/NA/A 2 Juhnshum Unknown Unknown (01/01/2015- 01/01/2015)-RBN-4BN-VANGUARD - N/A/NA/A/A 2 Juhnshum Unknown Unknown (01/01/2015- 01/01/2015)-BRN-4BN-VANGUARD - N/A/NA/A/A 2 Juhnshum Unknown Unknown (01/01/2015- 01/01/2015)-BRN-4BN-	OI - Inconclusive	Temporal association valenome. Leisons from autopoy augustive of CPV explosyreis but both were negative on PCR. Aberrant post mortem findings, but a certain role of vaccination cannot be excluded
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00025	Belgium	Animal	Canine/dog	3 Month(s)	14/01/2016	21/01/2016	1 1	0 14/01/20:	.6 Not Known,
 >CBR> Not Known</br 	Anaphylactic-type reaction	Not Known	SAR 21 Jan 2016 Veterinarian mentions 3 papples within anaphylactic reaction after vaccination with Nobbaco LPHPs and Nobbaco LHPs and and LPHPs an	Other Canine/dog	Not Known	NOBIVAC DHPPI IDXIDS 130 - LN/AN/A, 24,1 Dose 1 Animal (14/01/2016- 14/01/2016- 10XIDS 545 - LN/AN/A, 24,1 Dose 1 Animal (14/01/2016- 14/0	B - Possible	NCA agrees with assessment of MAH
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00026	Belgium	Animal	Canine/dog	3 Month(s)	14/01/2016	21/01/2016	1 1	0 14/01/20:	.6 Not Known, Not Known	Anaphylactic-type reaction	Not Known	SAR 21 Jan 2016 Veterinarian mentions 3 papples with anaphylactic reaction after vaccination with Nobiaco DHPP and Nobiaco LA. Cases for other 2 pups are entered as separate cases (2016 BE 00025 and 2016 BE 00027). Apport 34 Jan 2016 a puppy has been excinated with Nobiaco HPPP and Nobiaco LA. No information if administrated mixed. Dog showed anaphylactic reaction short time aft vaccination (time not specified). Puppy has been hospitalised in the vet's practice but could go home quickly. Puppy totally recovered. (Time not specified) Puppy has been vaccinated on 6 weeks age also. No information about which vaccines. Until now no additional information reviewed althoughet was asked to fill in PV document. Case closed. (Reason for use for product. Generic. DHPPI LV Brand: NOBINACO DHPP JOINDS 130 Reason Vaccination Generic: ETDT-V4ICT_CAS_GRIPP_BRAT) KB Brand NOBIVAC LLPB JOINDS 130 Reason Vaccination (State of health: Unknown)	er	Not Known	NOBIVAC DHPPI 10X1DS 130 - 1,N/AN/A, 24,1 Dose 1 Animal (4/01/2016- (4/01/2016- 10X1D5 545 - 1N/AN/A, 24,1 Dose 1 Animal (14/01/2016- 18R><8R>\ 10X1D5 545 - 1N/AN/A, 24,1 Dose 1 Animal (14/01/2016- 14/01/2016-	B - Possible	NCA agrees with the assessment of MAH
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00027	Belgium	Animal	Canine/dog	3 Month(s)	14/01/2016	21/01/2016	2 2	0 14/01/20:	6 Not Known, BR> Not Known	Anaphylactic-type reaction	Not Known	SR 21MADDLK Veternation memorys. 3 pagies within heaphylactic paction after occuration with hobback DRPH and Robback LC Cascie for other 2 pages are entered as separate asset [JDLS-BR-0002], and 2016-BR-00020, Approx 14 Ian 2016 a puppy has been secritated with Nobback CHPP and Nobback L1. No Information I administrated mixed. Dig showed anaphylactic reaction as home show the page of the page of	Other Canine/dog	Not Known	NOBIVAC DHPPI 10X1DS 130 - 1,N/AN/A, 24, 1 Dose 1 Animal (4/01/2016- 14/01/2016-BR->BR-NOBIVAC L4 10X1D5 545 - 1N/AN/A, 24, 1 Dose 1 Animal (14/01/2016- 14/01/2016)-BR->BR->	B - Possible	NCA agrees with the assessment of MAH

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	BEL-MERCKMSD-2016-BE-00054	Belgium	Animal	Canine/dog	9 Week(s)	17/02/2016	01/03/2016	4 2	0	17/02/2016	Yes, SR> Yes BR>Yes	Anaemia NGS,Abdominal papin Diarrhose, Jordin Egioti stiffness, Joint pain-Agpetite loss, Weakness, Hypoglycaemia	No Data	Suspected adverse reaction 24 Peb. 2016 SAR reported by owner living in Religion to MXD animal health UX about rescription in a pug after vaccination with Nobbac L4b px et and control in a pug after weeks of age. J TP6 that occurration with Nobbac L4b px stending vet. [Iter of a pugs. Same day in the evening 1 pug vonited. There is also a report of another pug presenting vorning and diarrhea. No compliants received about 2 remaining pugs 13 Feb. 2016, 3 days after vaccination with Nobbac L4b px tending vet. [Iter of a pugs. Same day in the evening 1 pug vonited. There is also a report of another pug presenting vorning and diarrhea. No compliants received about 2 remaining pugs 13 Feb. 2016, 3 days after vaccination pug was admitted to Internative acre unit with voluniting since 3 am. 20 refer 2016, 3 days after vaccination pug and internal No compliants received about 2 remaining for confidence of the pug to the clinic. No further examination for differential diagnosis. No examination for canine parvovinus. Follow up expected. Follow up in Mar. 2016 Presumed first owner informed more nondifficial production. No further examination for differential diagnosis. No examination for canine parvovinus. Follow up expected. Follow up information on confidence and the pug to the clinic. They will attend they pug to the clinic. They will attend they pug to the clinic. They will attend they pug to the concernic Expro/vigo/CLOA/RIPBPRAT) KB Brandt NOBNIVAC L4 10XIDS 545 Reason. Vaccination [State of health: Unknown]
	BEL-MERCKMSD-2016-BE-00094		Animal	Canine/dog			18/11/2016	1 1			Yes, <br< td=""><td>Facial oedema</td><td>No Data</td><td>SAR 8 ART 2016 Vet reports facial eedems in a dog after vaccination with Notivox DP6 & Notivox L.1. Symptoms: facial oldered reatherest unknown Outcome unknown No other information available. Policy are prequested. 7 JUN 2015 no follow up. case cised. 19 AUG 2015 Follow up. Symptom appeared within 15 minutes after administration of the vaccine us about breed, age batch numbers. Until now no information on simultaneous or combined use. Vet is asked to fill out PV documents so additional information perfected. 18 NOV 2016 Follow-up received, case has now become serious: 7 APR 2016 Dog has been vaccinated with Nobiva CIP4 and Nobivac Lepto 4. When dog came home, 30 minutes after vaccination, according to owner face of the dog sared owner will problem on the vaccination puppy was recovering and the face showed almost no swelling anymore. 8 APR 2016 In the moming, face of the dog sax completely normal and dog sax to tolar yecoved. No additional information expected. Case closed. [Reason for use for product: Generic: DHP 1V Branck NOBIVAC L4 10XIDS 545 Reason: Vaccination] [State of health: Good]</td></br<>	Facial oedema	No Data	SAR 8 ART 2016 Vet reports facial eedems in a dog after vaccination with Notivox DP6 & Notivox L.1. Symptoms: facial oldered reatherest unknown Outcome unknown No other information available. Policy are prequested. 7 JUN 2015 no follow up. case cised. 19 AUG 2015 Follow up. Symptom appeared within 15 minutes after administration of the vaccine us about breed, age batch numbers. Until now no information on simultaneous or combined use. Vet is asked to fill out PV documents so additional information perfected. 18 NOV 2016 Follow-up received, case has now become serious: 7 APR 2016 Dog has been vaccinated with Nobiva CIP4 and Nobivac Lepto 4. When dog came home, 30 minutes after vaccination, according to owner face of the dog sared owner will problem on the vaccination puppy was recovering and the face showed almost no swelling anymore. 8 APR 2016 In the moming, face of the dog sax completely normal and dog sax to tolar yecoved. No additional information expected. Case closed. [Reason for use for product: Generic: DHP 1V Branck NOBIVAC L4 10XIDS 545 Reason: Vaccination] [State of health: Good]
		Belgium	Animal		10 Year(s)	04/06/2016	27/07/2016	1 1	1	05/06/2016	Not Known,
≺BR×∠BR> Not Known</br 	Anaemia NOS, Vomiting, Hepatomegaly, Icteru s, Renal disorder NOS, Jiraemia, Death, Anorexia, Abno mail test result, Hepatic disorder NOS, Hypoproteinaemia, Elevated total bilirubin, General iliness	Not Known	SAR SILVADIS Vet reports general illness and symptoms suspicious for leptospirosis in dag vaccinated with hobitoux LE A DiPPR-4 ULIV vaccination, dag papeared healthy SILVA visinities (DIVL+ Gost In practice for examination personal illness, renal problems, hepatic problems? suspicion of leptospirosis? Treatment unknown Outcome unknown follow up requested SILVADIS (Follow up received 51 usr. report of ancreais 61 une examination by vet: Icteric, hepatomegab, high billiubis. Blood examination: Americ hematicon II q (57-55), Lirenia 2 (51-53), Linen express AGT 68 (5-66), AAL 728 (11-58), Alcal Prosphat 606 (12-121), Camma GT - CI p.81, to billivabin 88 (0.1-06) for proteins 38 (60-80) Saspicion of lestopoins; examination pending, restament; full therapy, Augmentant IV, Ceressia, SILVADIS (1987) and CAMPA (1987)
	BEL-MERCKMSD-2016-BE-00145	Belgium	Animal		4 Month(s)		29/08/2016	1 1			R-SBR-SBR-Not Known, (BR-SBR-SBR-Not Known, (BR-SBR-SBR-Not Known, (BR-SBR-SBR-SBR-Not Known, SBR-SBR-Not Known, SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-SBR-Not Known, SBR-SBR-SBR-Not Known, SBR-SBR-SBR-SBR-Not Known, SBR-SBR-SBR-SBR-SBR-Not Known, SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	Apathy,Reduced growth rate,Dehydration (New Apathy,Reduced growth la Jepatomegally,Anaemia NOS	Other	SAS BILLY 2016 A TOTAL DISPARATION TO SERVICE AND TOTAL DISPARATION CONCERNING WEST AND THE ACCOUNT OF THE WARRY OF THE ACCOUNT OF THE WARRY OF THE
	BEL-MERCKMSD-2016-BE-00159	Belgium	Animal		3 Year(s)	07/06/2016	13/07/2016	1 1			BR> Yes	disorder NOS,Death,Hypothermia,Abnormal test result,General illness	No Data	SAR 28 JUN 2016 Vet reports disease and death of a dog vaccinated with Nobwac UPP + Nobwac L1 All NOBWACK BBP SXIDS-SXIDS DIL 18 18 - Possible 19 - Tolk - Tol
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00198	Belgium	Animal	Canine/dog	10 Year(s)	11/07/2016	13/07/2016	1 1	o	13/07/2016	Not Known	Shock,Vomiting.Icterus	Not Known	SAR 13IU/2016 Veterinarian norffles reaction in a dag after vaccination with Noblava L4. 11IU/2016 Other Group vaccinated with Noblava L4. 11IU/2016 Agreement a repel vaccination with Noblava L4. 11IU/2016 Agreement a repel vaccination with Noblava L4. 11IU/2016 Agreement a repel vaccination in 11IU/2016 Dig phoses vonniting, in Carnelydog Christophore Carnelydog

	BEL-MERCKMSD-2016-BE-00201 BEL-MERCKMSD-2016-BE-00207	Belgium	Animal	Canine/dog	4 Month(s) 9 Year(s)	09/07/2016	30/08/2016	1 1	0 1	11/07/2016	No.	Lack of efficacy	Other	SLEE BAUG2016 Veterinarian notifies signs suspicious for leptospirosis after vaccination with Nobbac L4. JUL2016 (paproa) Dog Vaccinated with Nobbac L4. BAUG2016 Veterinarian notifies signs suspicious for leptospirosis after vaccination with Nobbac L4. JUL2016 (paproa) Dog Vaccinated with Nobbac L4. BAUG2016 Veterinary suspicious signs of the veterinary practices concerned. (Izo has been notifying the case) 91/L1016 Dog has been vaccinated with Nobbac L4 in the 1st veterinary practice. Dog was already sisk for a copie of days (vonting/ajororsas) when he arrived at the veterinary practice. Dog was already sisk for a copie of days (vonting/ajororsas) when he arrived at the veterinary practice. Dog was already sisk for a copie of days (vonting/ajororsas) when he arrived at the veterinary practice. Blood analysis showed anotheral soriginated and vonerwent to the fart deterinary practice. Blood analysis showed anotheral sorigination. According to volve, scule kolleys failure, most recovery, (date or specified). Parleaf sers: 1111/1016 and AUAC/2016. Results advant/mentioned. Not other information expected. Sase closed. [Reason for use for product. Generic. EPETO-44(T-CA,APAR) BATA [NB Brand - NoBINAC L4 10XID5-55 Results volve contain). [State of health. Dound	Corso Dog	21	NOBINAC L4 10X1D5 545 - 1,N/A,N/A, 2-4, 10:se Unknown 1 Anima (199/70216) - 68R~8R> NOBINAC L4 10X1D5 545 -	N - Unlikely OI - Inconclusive	NCA agrees with assessment of MAM NCA agrees with assessment of MAM For AE: N due to onset to time. For Lack of efficacy.
NOBIVAC D4	BEL-WERCAWISD-2010-BE-00207	beiguiii	Adminar	Carinie/dog	e rear(s)	03/11/2013	12/08/2010			31/03/2010	NOCKIOWII	convarion, beauti, cack of efficacy	Known	John Vereinstain Michia Sendori in dee gas et e-Vactisation with Noblex Lt MAY2015 Dog shows consultation with Noblex Lt S.NOV2015 Vaccination with Noblex Lt MAY2015 Dog shows consultations and death. No vist at the vet. No information if other products administered together. Additional information requested. (Reson for use for product: Generic: LEPTO*4(ICT_CAM_SRIPP_BRAT) KB Brand: NOBIVAC L4 10X1D5 545 Reason: Vaccination] [State of health: Unknown)	Cocker Spanie	l Known	2,N/A,N/A,24,2 Dose 1 Animal (05/11/2015-05/11/2015) 	O1 - III. UII. LIBNYE	signs are compatible with LEE however insufficient information. A follow up is expected
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00229	Belgium	Animal	Canine/dog	6 Month(s)	01/09/2016	20/09/2016	1 1	. o c	01/09/2016	Not Known	Injection site pain,Not drinking,Anorexia,Fever,Breathing difficulty,Shivering	Not Known	S48 30 ALG 2016 Veterinarian norfles reaction in a puppy after vaccination with Nobinez LE 29 ALG 2016 At noon: Puppy vaccinated with Nobinez LA in the evening: Dog is seriously sick: Short breathing, shihering, lever, pain at injection site. Anorexia, not dinisking. Treatment: corricosteroids. 30 AUG 2016 Puppy is recovering. Vet sixed for Illi out Prodocument. Additional information awated. 20 SF2 2016 Follow-up received. 13 EP 2016 Dog vocated: 4 hours last free showed the reactions (described above). Treatment: Decametasion. 6 hours later the dog totally recovered. No additional information awaited. Case Codes (Reason for use for product: Genetic: EEFTO*4LICTCANGERIPS-BRAT) KB Brand: NOBIVAC L4 10XLDS 545 Reason: Vaccination) (State of health: Unknown)	Jack Russell Terrier	Not Known	NOBIVAC L4 10X1DS 545 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal (01/09/2016-01/09/2016)-BR>CBR>	A - Probable	NCA agrees with assessment of MAH
	BEL-MERCKMSD-2016-BE-00230	Belgium	Animal	Canine/dog		01/08/2016	30/08/2016	1 1		01/08/2016		Deafness	Not Known	30AUC2015 Veterinarian notifies deafness in a dog after vaccination with Noblwac L.A. AUG2015 (approx. not specified) Parson Russell Ferrier is being vaccined by the vet with Noblwac L.A. AUG2015 Dog has been bought by a new owner at the breeder. The owner notifies that the dog doesnt hear anything. Owner visits veterinarian who confirms by standard tests that the dog is deaf. According to the breeder the is linked to the vaccination. (Reason for one lof product: Generic: LEPTO*4[ICT_CAM_GRIPP_BRAT] KB Brand: NOBINAC L4 10XLDS 545 Reason: Vaccination] [State of health Unincom!]	Other Canine/dog	Not Known	1 Animal (01/08/2016- 01/08/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with assessment of MAH
	BEL-MERCKMSD-2016-BE-00263	Belgium	Animal	Canine/dog		08/09/2016		1 1	. 01		Not Known(-BR-cBR >-BR-GBR-BR Not Known(-BR-cBR >-BR-CBR >-BR-CBR >-BR-CBR	Lack of efficacy	Not	SILE for Lepto reported on 225E72016 SEXF2010 Vaccination with Noblava Rables, Noblava Lepto 4 and Noblava P. Kinkown III midea of sumitaneous use. 195E72016 Gog plavas irritation from the eyes with bleeding on the Iris. Treatment: Local corticosteroids in the eye. Blood sampling: elevated kidney values Values Values and September 1952 September 195	Not Applicable	: 24	NOBINAC DHPPI IDXIDS 130 - 1.1\(X1\), 1.0\(X1\), 2.0\(X1\) 1.0\(X1\) 1.0\(X1\) Animal (BR/09/2016- 80(9/2016)-8R-SB-NOBINAC L4 10XIDS 545 - 1.N/A.1 Days, 24,1 Dose 1 Days 1 Animal (80(9/2))-100 80(9/2)-2016-8R-SB-NOBINAC RABIES 10XIDS 10 - 1.0\(X1\) Days, 2.4.1 Dose 1 Days 1 Animal (80(9/2)-2016-8R-SB-NOBINAC RABIES 10XIDS 10 - 1.0\(X1\) Days, 2.4.1 Dose 1 Days 1 Animal (80(9/2)-2016-80(9/2)-2016-8R-SB-NOBINAC RABIES 10XIDS 100(9/2)-100(9/2)-100(9/2) RABIES 10XIDS 100(9/2)-100(9/2) RABIES 10XIDS	O - Unclassifiable/unassessa ble	assessment concerning leptospirosis
	BEL-MERCKMSD-2016-BE-00266	Belgium	Animal	Canine/dog		29/09/2015	22/11/2016	1 1		1	Known,
 Not Known,
 Not Known</br </br 	Skin swelling, Dematitis, Other immune system disorder NOS, Vasculitis	Not Known	23 SEP 2015 Veterinarian notifies a reaction in a dog last year after vaccination with Nobiwa CHPPI, Nobibwa CL and Thermodog, 23 SEP 2015 Dog (Staffordhire Terrier Mixed) vaccinated with Nobiwa CHPPI, Nobiwa CL and Phenumodog, 23 NOV 2015 Dog (stist practice and shows swellings (no fluid inside) on earn and adobtom. Treatments in their working controstered (replacedors) and artibiotics (Norockiv) 4 DEC 2015 Biopsy taken. 11 DEC 2015 Histology Conclusion according to report." L'esions exist of programications demantatis with sings of vascultais and interface demantisc corresponding with an immanomediated process. Not typical for one type audoimmune/immune mediated disease, working the state of the production of the state o	Other Canine/dog	Not Known	NOBINAC DHPPI IDXIDS 130 - NA/NA/L Days, Zuhinkown 1 Days 1 Animal (28/09/2015- 20/09/2015)- RESH-NOBINAC L4 10XILDS 545 - NA/NA/L 10XILDS 10X	O1 - Inconclusive	Immune mediated reactions have been described before. There is no proven causal relations with vaccination. Time to onset of almost 2 months seep rough the properties of the properties of the production is not likely, but cannot be fully excluded. Since several vaccines were used at the same time a clear conclusion can't be made. ABON 0.1.
NOBIVAC L4		Belgium	Animal	Canine/dog	9 Year(s)	05/10/2016	06/10/2016	1 1	. 10		Not Known,
 Not Known</br 	Shock,Death	Not Known	Suspected adverse reactions GOT 2015 Veterinarian reports death in a dog after vaccination with Noblace DHP and Noblec L4. S GOT 2015 Dog is vaccinated with Noblace DHP and Noblace L1. Short 2016 Dog is vaccinated with Noblace DHP and Noblace L1. Short 2014, after vaccination, (not specified) dog showed shock symptoms. Treatment: infusion, corticosteroids (Rapideon) and hospitalisation, tell an hour later dog ded The cowners don't warf an autopy. Tog was being followed for light heart nummer but dolf in receive any medication. Radiographs taken on SOCT2015 showed a little bit enlargement of the heart. No other information awaited, case closed. Reason for use for product: Generic LOPI V Strandt, NOSIVAC DHP 2010LS 109 Reason. Vaccination) Generic LEPTO*4[CT,CAN,GRIPP.BRAT] KB Brand: NOBIVAC L4 10X1DS 545 Reason: Vaccination) State of health: Tax	French Bulldog	Known	NOBIVAC DHP 10X1DS 130 - N/A/N/A, Days, 24, Unknown 1 Days 1 Animal (05/10/2016- 05/10/2016)- BR->BR->NOBIVAC L4 10X1DS 545 - N/A/N/A, 1 Days, 24, Unknown 1 Days 1 Animal (05/10/2016-05/10/2016)-BR->BR->BR->	B - Possible	NCA agrees with assessment of MAH
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00281	Belgium	Animal	Canine/dog	1.2 Month(s)	11/10/2016	08/11/2016	1 1	. 0 1		Not Known,
 <r> Not Known</r></br 	Pale mucous membrane, Facial oedema, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	SAI 12 OCT 2016 Veternarian notifies anaphylactic reaction after vaccination with Nobiosc DHPF and Nobiosc 14.1 DCT 2016 Dog vaccinated with Nobiosc DHPS and Nobiosc 14.1 DCT 2016 Dog vaccinated with Nobiosc DHPS and Nobiosc 14.1 DCT immittee later dog becomes lethargic like he is sleeping, white mucosae, 38,6°C. Respiratory function ok. 30 minutes later dog seems to recover all title bit. Mucosco of the eyes: rose, mucosae of the mounts white. 38,1°C. 13.100 minutes later veterinarian calls owner who is saying the dog has eaten and is ok. 27 hister dog seems to recover. Duttil now no both eir imformation available. P doc availated, 8.0 NOY 2016 Follow-up PV document received. 11 OCT 2015 Treatment for facial oedems: Phenergan, Predincione. 12 OCT 2016 in the moming dog totally recovered. No additional information availated. Case closed. [Reason for use for product. Generic. LEPTO*4[ICT_CAN_CRIPP.BRAT] KB Branch NOBIVAC L4 10XLDS 545 Reason. Vaccination Generic. DMPD L1 Brandt. NOBIVAC DHPPI 10X1DS 130 Reason: Vaccination] [State of health: Unknown)	Other Canine/dog	Not Known	NOBINAC DHPF1 IDXIDS 1309-1 .1N/A.1 D9x5,24.1 Dose 1 309-3 .1N/A.1 D9x5,24.1 Dose 1 309-3 .11/10/201611/10/2016-RBN-NBN-NBNAC L4 .11/10/2016-RBN-NBN-NBNAC L4 .1D0se 1 Days 1 Animal (11/10/201611/10/2016)-BRN-SBN-	B - Possible	NCA agrees with assessment of MAH

NOBIVAC L4	BEL-MERCKMSD-2016-BE-00333	Belgium		Canine/dog	4.5 Year(s)	28/07/2016	29/12/2016					Falling,Renal disorder NOS,Death by		11 NOV 2016 Veterinarian reports renal failure and death in a dog after vaccination with Nobivac L4.	Bernese	_	Cimalgex - N/A,N/A,N/A		Kidney failure: Association in time. No assocation
											Koown, Gib-Car 	euthanssia_Letharpy (see aloc Central nevous system depression in "Neurological"]. Oedema NOS (see other SOCS for specific oedemas). Mucous stool, Blood in facecs, Oedematous erythema_Hypoalbuminaemia_Eleva ted BUN_Elevated creatinie, Renal tubular disorder_Lameness, Bloody diarrhoesa_Looss stool, Leucocytosis_Appetite_loss	Known	21 ULI 2016 Dog is more quiet - 28 ULI 2016 Dog shows lameness (right front), Jumps on 3 feet. Consult weterlands no nothing found. Teatment: Cimalges (cimicosity) - 20 UL 2016 until 14 ULI 2016 Still still and degree of lameness. Very painful at standing up. Loss of appetite since treatment started. 2 AUS 2016 Complete anoresis. AUS 2016 Complete anoresis. AUS 2016 Complete anoresis. AUS 2016 Consultation at veterinary clinic. Feaces with muscus probably some blood and very weak. No vomitting Lethange. HAREMATOLOGY: Neutrofilic lescocytosis. Biochemistry: Elevated uremu (D.2) Elevated cureful (D.2) Elevated cureful (D.2) Elevated to exitent (D.2) Elevated to exitence (D.2) Elevated to exitent (D.2) Elevated (D.2) Elevated to exitent (D.2) Elevated (D.	Mountain Dog	Known	2.4 Linknown Unknown 1 Animal (28/07/2016- (Unclassifia ble/unassessa ble	with pharmacological, toxicological profile of the vaccine, and diagnostics point towards possible toxic cause of the symptoms. Another product administered the same time. Based on available information a possible causal link cannot be confirmed neither excluded ABON O.
NOBIVAC LA	BEL-MERCKMSO-2016-BE-00334	Belgium	Animal	Canine/dog	12 Week(s)	03/03/2016	06/12/2016	1	1 1		Not Known, -GR -GR-4BR-4BR- Not Known, <br-4br -SBR-4BR-4BR- Known,<br-4br -Known,<br-4br -Known,<br-5br -Known,<br-5br -Known</br-5br </br-5br </br-4br </br-4br </br-4br 	Doath Abormal text resultSomen faint live disorder NOS, Abnormal radiograph (NOS, Abnormal radiograph finding-trees muscles, NT - catarrial entertits, Pale mucous membrane, Oral bleedingLoss of consciousness, Pulmonary haemorrhage	Not Known	3. Nev 2015 Veterisation reports a reaction in a dog after administration of Nobissic L4 and another Nobissic vaccine (for specified). The same neartion had afterly been found no social media. Alverse event at that moment entered as enquiry, but now becomes valid case. 14 Nov 2016 Report Obtained from social media size. (Posterio In April 2015) Company employee of the Netherlands notifies message on facebook concerning L4 and death in a dog. 3 Mar 2016 According to facebook post a dog is switched with Legot and no colcal swort contents with Legot and no colcal swort contents on Specifical 8. Mar 2016 in peoples so digital down, blood out of the mouth and nearly unconscious. Brought to veterinarian 9 Mar 2016 fog glet Autrops performed. Severe lungifications, SNO of the lungs impacted. Enlargement of the spiecen. Necrotic spots on spiecen and liver. Bleedings of the large intestines. No causal agent mentioned in the autopopymort. 24 Nov 2016 Case upugated from Enquir to a valid case. Veterinarian reports comparable analyses of the content of the spiecen. Necrotic spots on spiecen and liver. Bleedings of the large intestines. No causal agent mentioned in the autopopymort. 24 Nov 2016 Case upugated from fairs first vaccination with Nobisca L4, on 3 Mar 2016 second vaccination, on 8 Mar 2016 day showed pale muscosay that the content of the spiecen spiecen of the spiecen s	Other Canine/dog	5.7	Bonchis Sheldt - LN/A I Days, 24,1 Dose 1 Days 1 Annual (B0/02/2016) G0/02/2016; GBR - GBR - Millemax N/A/N/A I Days, 24/L Uninown II Days 1 Animal (19/1/32/2016) G0/32/2016; GBR - GBR - Millemax N/A/N/A I Days, 24/L Uninown II Days 1 Animal (19/1/32/2016) G0/32/2016; GBR - GBR - MORINYA (DAYS) G0/32/2016; GBR - GBR - MORINYA (DAYS) G0/32/2016; GBR - GBR - MORINYA (DAYS) G0/32/2016; GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GBR - GBR - MILLEM (DAYS) G0/32/2016; GBR - GB	Q1 - Inconclusive	Reasonable association in time of 5 days, but symptoms are not expected after use of the product and other products used at the same time. Autopy less no clear exclusion of another underlying pathology. Therefore O1 inconclusive. A follow up is expected
NOBIVAC L4	BEL-MERCKMSD-2016-8E-00352	Belgium	Animal	Canine/dog	12 Year(s)	24/10/2014	14/12/2016	1	1 0	25/10/2014	Not Known	Balance impaired,Nystagmus,Strabismus,Ve stibular disorder NOS.Recumbency	Not	25 Nov 2018 Veterinarian reports symptoms in a dog after vaccination with Nobbusc 1.4. 3 LOC 2014 Dog succinated with Nobbusc 1.4. 25 LOC 2014 Dog shows Vestbadiar syndrome. Specific symptoms not specified. Treatment performed by another veterinarian. No additional information available. 17 Jul 2015 Dog shows the reaction again. Treatment performed by another veterinarian. Additional information expected. This case is linked to case 50168E352 and 20168E353 140FC2016 Follow-up received, case changed to serious De plan a history of being anotius. Receives no other medication. No known medical or feed allergy, Past year (2014) dog has been suspected of Vestibular syndrome. 13 Liu 2015 in the morning dog shows loss of balance. At noon dog could's will amymore. Faces was hadding to the right. Bad hearing, Ratuk a 15 JUL 2015 Statak hyptagrous. Treatment: Infosion, Vomend, Catolal, Vitamine B., Karskan, Schus Schus TC 38.0 S. Bull 2015. Sea attentive, Massa, TC 38.5. Nystagrous, strabismus. At noon: No nystagrous anymore. Differential diagnostis intracranial pathology or more than Vestbudsryndrome. Teacher Class Colos. 1096/2016 Additional information on avaited. 2015. No additional information on outcome. No information of dag received vaccination in 2015. No additional information in 2015. Case assessment adapted. No additional information awaited. Case clossed. [Rescription for Low Page Page 1) Barndt. NOBINAC L4 10X105 545 Reason: Vaccination] [State of health: Unknown]	Border Collie	Not Known	NOBINZC 14 IDXID5 545 - 1,N/A.1 Days, 24.1 Dos 1 Doys 1 Arimal (24/10/2014-24/10/2014)+SR> 	N - Unlikely	VestBuller syndrome can be lined to the age of the dag, in Octobe 2014, the dog showed vestBullar syndroms one day after vaccination. Too succinct information and the link cannot be excluded however the dog showed again vestBullar disorder without vaccenation in July 2015. No association in time. Therefore the case is assessed as N
NOBIVAC L4	BEL-MERCKMSD-2016-BE-00354	Belgium	Animal	Canine/dog	9 Year(s)	19/07/2016	12/12/2016	1	1 1	15/12/2012	Not Known	NT-tunour (NOS), vmphopenia Ottis (NOS), vmphopenia Ottis (NOS), fivering Strabismus, Food (NOS), vmphopenia Ottis (NOS), vmph	Not Known	25 Nov 2016 Veterinarian reports symptoms in a dog after vaccination with Nobiac L4. 19 Jul 2016 Dog vaccinated with Nobiac L6. 21 Jul 2016 Dog shows Vestibular syndrome. Symptoms not specified returning performed by another veterination. No additional information available. Additional returning performed by another veterination to additional information available. Additional returning performed by a souther self-veterination to additional information available. Additional processor 19 Jul 2016 Dog showed oiths. Dog has an anamesis of showing oithis wery frequently, dog is ableggio, dog has a tumor near the noter for 4 years which can't be removed 21 Jul 2016 Dog has been sent to a clinic for further examination. Following data are received from the clinic: 20 Jul 2016 Dog showed womiting. After that day, no posiblene. 21 Jul 2016 Dog has been with the eyebrows. Swollen ears. Dog can't orientate himself anymore, falls down, doesn't not straight and clinic the state. General examination: head at little but the left. 2 sided exercise yet discharge. Ears: Zaledd yellowlike. Neurological examination: Purpopensia, escionperial, 47 too high, from exact numbers available). Conclusion: Vestibular syndrome due to otitis interna DOX geriatric estibular syndrome, tumoral condition. Treatment: Indison, Astralvan, Erra Essayfril. 22JU12016 Ultrasonography: Enlargment at basis of the heart. Spleen slightly evaluaged with a 2cm diameter cystic enlargment. 23JU12016 TC: 38.4 Altorical instytagems. Continued infusion. Confirmed by owner that not further diagnostic have to be made. 25JU12016 Dog size just and attentive. Tr. 23.77 Treatment: Bayrril, Metamizol, Karsivan, Dimzaron, Diphenhydramin. Dog gees home. SAUC2016: Control visit: Dog statistic valual share or information expected. Case closed. Research care dose, and control control. Sentence. LEPTO*4(CTCANCRIPP,BRAT) is Brand: NOBIVAC L4 10XLDS 545 Reason: Vaccination] (State of health: Fair)	Bulldog	Not Known	NOBINACL 41 DIXIDS 5455 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal (2 versic) 15/07/2016 19/07/2016/eBr>-BP>	B - Possible	vomiting can occur after vaccination and the temporal association is reasonable (1 day). ABON B. and sorder (foliat), already present at flush and sorder (foliat), already present at flush and to the age of the dog. This is an unexpected sign after administration of this product. Date was made for pariatric vestibular syndrome or tumoral disorder, but all adjusted to the product of the vestibular syndrome or tumoral disorder, dispositions of the product of the vestibular syndrome or tumoral disorder, dispositions of the product of the vestibular syndrome or tumoral disorder, dispositions of the product of the vestibular syndrome or tumoral disorder, dispositions of the product of the vestibular syndrome or tumoral disorder. All the vestibular syndrome or tumoral disorder was a social to the vestibular syndrome or tumoral disorder. All the vestibular syndrome or tumoral disorder was a social to the vestibular syndrome or tumoral disorder. All the vestibular syndrome or tumoral disorder was a social to the vestibular syndrome or tumoral disorder. All the vestibular syndrome or tumoral disorder was a social to the vestibular syndrome or tumoral disorder. All the vestibular syndrome or tumoral disorder was a social temporal disorder. All the vestibular syndrome or tumoral disorder was a social temporal disorder. All the vestibular syndrome or tumoral disorder was a social temporal disorder. All the vestibular syndrome or tumoral disorder was a social temporal

NOBIVAC L4	BEL-MERCKMSD-2017-BE-00005	Belgium	Animal	Canine/dog	3 Month(s)	29/12/2016	27/02/2017	2 1	1	03/01/2017	Not Known, BR > BR>BR>CBR> Not Known, BR>BR>CBR> NOT Known, BR>NOT NOT Known	Vomiting.Throat irritation,Fever,Death	Not Known	Suspected adverse reaction 4JAN 2017 Veterinarian mentions death of a puppy after vaccination with Nobbac DHPR and Nobbac LE 4.270CT2016.2 dogs vaccinated with Nobbac Puppy DP. 2005CC2016.2 dogs vaccinated with Nobbac DHPR and Nobbac LE JAN 2017.1 of the dogs shows Feer (B3-Y-CT) as light sensibility on the throat. Sometimes he chees on barks of the ground. Treatment: Toffeane. (NSAID). In the eventing he vomited one time. 4JAN2017 he worked one time. 4 about 12 and ogd ele- without other symptoms. Veterinarian wonders which disease could have occured. Dog has not been bought in an about 6 obers 17 come from an extern country, Additional information negeted. 27 TEB 2017 No additional information received. Case closed. (Reason for use for product: Genetic: DP LV farmer, NOBNAC PMPT DP SCIDS-STORIO II 100 Reason Vaccardation Genetic: LOPPL VI Branch NOBNAC DPPT 1005CD 130 Reason Vaccination Generic: LEPTO*QCT.AM/GRIPP.BRATI NS Branch NOBNAC 150 Reason Vaccination General: LEPTO*QCT.CAM/GRIPP.BRATI NS Branch	Crossbred d	Not Known	NOBIVAC DHPPI IOXIDS 130 - 1,N/A.1 boys. 24.1 Dose 1 Days 1 Asmiral [29/12/2016;488-688-NOBIVAC L4 10XIDS 545 - 1.N/A.1 Days. 24,1 10XIDS 545 - 1.N/A.1 Days. 24,1 Dose 1 Days 1 Animal [29/12/2016-28/12/2016;488-688-NOBIVAC PUPPY DF XXIDS-XXIDS DIL 130 - 1,N/A.1 bays. 24,1 Dose 1 Days 1 Asmiral [27/12/2016] 27/10/2016;488-<88>	B - Possible	Moderate association in time (4-5 days); Fever has been described before. B Possible: Vomiting not expected so long fair vaccination. N Unikely, No additional diagnostics to exclude other particoliges. O Uniclassified. Overall B Possible based on Fever. Two products were used. A follow up is expected
NOBIVAC L4	BEI-MERCKMSD-2017-BE-00027	Belgium	Animal	Canine/dog	10 Week(s)	23/01/2017	11/02/2017	4 2	0	23/01/2017	Not Known,
 >CBR Not Known</br 	Bradycardi, Pale mucous membrane, Swollen face (see also Skinf), Anaphylacitic-type reaction, Lethargy (see also Central nervous system depression in Neurological')	Not Known	23 Jan 2017 Veterinarian reports allergic reaction in dogs after vaccination with Nobivac L4 and Nobivac DHPPI. 23 Jan 2017 4 pupples vaccinated with Nobivac L4 and Nobivac DHPPI. 2 pupples vaccinated with Nobivac L4 and Nobivac DHPPI. 2 pupples vaccinated with Nobivac L4 and Nobivac DHPPI. 2 pupples very lettings, slow heart beat). Treatment: corticosteroids. 20-30 minutes later pupply recovered. Pupply 215 min after injection pupply showed swelling of the nose. Treatment: corticosteroids. Pupply 215 min after injection pupply allowed swelling of the nose. Treatment: corticosteroids. Pupply 215 minutes and pupply recovered fast, foot specified). Additional information awarded. 11 feb 2017 Follow-up information or Pupply: Treatment habe bend once by Englacion INL. Dog toldly recovered a corpic of hours later. No additional information expected. Case closed. (Reason for use for product: Generic: EETO*4(ICT_CAM_RRPPBAST_NIS BRANK DISMICAL GAMES 545 Reasons (Vaccination) (State of health: Unknown)	Shih Tzu	Not Known	NOBINAC DHPP 10X1DS 130- 1.N/A,1 Days,24,1 Dose 1 Days 1 Animal (23/01/2017- 23/01/2017-BRGR-NOBINAC L4 10X1DS 545 - 1N/A,1 Days,24,1 Dose 1 Days 1 Animal (23/01/2017- 23/01/2017)-BR>-GR>	B - Possible	Core association in time. Alleger neartions can occur after any foreign substance administered. Hypersensibility/hipplynetic reaction has been described before. Other vaccine administered (mixed use) the same moment.
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00033	Belgium	Animal	Canine/dog	9 Week(s)	01/01/2017	27/01/2017	5 5	0	01/01/2017	Not Known,
 >CBR Not Known</br 	Facial swelling (see also 'Skin'), Lethargy (see also Central nervous system depression in 'Neurological'), General illness	Not Known	27 JAN 2017 Veterinarian notifies general iliness and facial swelling in dops after vaccination with Nobbacc DHPP and Nobbacc LK and JAN 2017 to 27 JAN 2017 Veterinarian vaccinated several dops with Nobbacc DHPP) and Nobbacc LK at the same time. (No information if mixed or not) 1 day after vaccination 1 to 4 dops were really sick. For example 1 Malteter puppy (8-10 weeks oid) showed complete letharsy, 1 Audit dogs showed enormous facial swelling. Treatment: controlateroids. No additional information awaited. Case closed. [Reason for use for product: Generic: DHPP] LV Brand NOBINAC DHPI 100TS 130 Reason-Carcination Generic: LETO*4(LFC,TAM,GRIPP,BRAT) KB Brand: NOBINAC DHPI 100TS 130 Reason-Carcination Generic: LETO*4(LFC,TAM,GRIPP,BRAT) KB Brand: NOBINAC LPH 2015 150 Reason-Carcination [State of health: Unknown]	Other Canine/dog	Not Known	NOBINAC DHPPI 10XIDS 130 - N/A.N/A.N/A.24.Unknown Unknown 1 Animal (01/01/2017-27/01/2017)<8R>>-RR>NOBIVAC L4 10XIDS 545 - N/A.N/A.N/A 24.Unknown Unknown Unknown (01/01/2017-31/01/2017)<8R>-8R>	B - Possible	Reasonable association in time. Reported signs are compatible with hypersensity reaction which can occur post vaccination. Different products used at the same moment. Therefore B Possible.
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00044	Belgium	Animal	Canine/dog	5-9 Month(s)	10/11/2016	23/02/2017	1	0	07/02/2017	Not Not Not Not Nowncasp <ash not="" not<="" nowncasp<ash="" td=""><td>Lack of efficacy (parvovirus)</td><td>Not Known</td><td>SLEE for parvo received on 7 Feb 2017 PEB2017 Veterinarian notifies parvovinus infection in dogs after vaccination with Nobleva DEP Nobleva L4 and Prevention (E) trocking 20 got fite same household. This case is for dog 87. Case 2017-8E-52 is for the other dog, NOV2016 and DEC2016 (approx). Deg vaccinated with Nobleva DEP, Nobleva L4 and Prevention (2017) Togs is citic, positive for parvovinus, treated at intensive care unit of the veterinary clinic. No Information on exact vaccination dates, cinical signs or examinations performed. DEFE2017 Floriborus preceived. Initial case 2017-8E-044 kept for 1 dog. Linked case created 2017-8E-052 for the other dog, Additional information neceived vaccinations and the Nobleva Report P. CESEP2016 and DEC70216, Nobleva Dec 2017-8E-054 (sept for 1 dog. Linked case created 2017-8E-052 for the other dog, Additional information neceived vaccinations checkles. Nobleva Report P. CESEP2016 and DEC70216, Solod analysis 77E-2017: Htt 119 (14 COG) (2017) (</td><td>Beauce Sheep Oog (Beauceron)</td><td>Not</td><td>NOBINZ CHF 10X1DS 130 - NA/NA/NA 1034, ZURÍNDROW 1.00 - NA/NA/1 DIS 1.6 MINI (10/11/2016- 10/11/2016-</td><td>N - Unlikely</td><td>The product is not expected to protect against parvo.</td></ash>	Lack of efficacy (parvovirus)	Not Known	SLEE for parvo received on 7 Feb 2017 PEB2017 Veterinarian notifies parvovinus infection in dogs after vaccination with Nobleva DEP Nobleva L4 and Prevention (E) trocking 20 got fite same household. This case is for dog 87. Case 2017-8E-52 is for the other dog, NOV2016 and DEC2016 (approx). Deg vaccinated with Nobleva DEP, Nobleva L4 and Prevention (2017) Togs is citic, positive for parvovinus, treated at intensive care unit of the veterinary clinic. No Information on exact vaccination dates, cinical signs or examinations performed. DEFE2017 Floriborus preceived. Initial case 2017-8E-044 kept for 1 dog. Linked case created 2017-8E-052 for the other dog, Additional information neceived vaccinations and the Nobleva Report P. CESEP2016 and DEC70216, Nobleva Dec 2017-8E-054 (sept for 1 dog. Linked case created 2017-8E-052 for the other dog, Additional information neceived vaccinations checkles. Nobleva Report P. CESEP2016 and DEC70216, Solod analysis 77E-2017: Htt 119 (14 COG) (2017) (Beauce Sheep Oog (Beauceron)	Not	NOBINZ CHF 10X1DS 130 - NA/NA/NA 1034, ZURÍNDROW 1.00 - NA/NA/1 DIS 1.6 MINI (10/11/2016- 10/11/2016-	N - Unlikely	The product is not expected to protect against parvo.
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00052	Belgium	Animal	Canine/dog	8 - 9 Month(s)	25/08/2016	28/02/2017	1 1	0	07/02/2017	Not Known, BR-SBR Known, BR-SBR Not Known, BB-SBR Not Known, CBS-SBR Not Known, CBS-SBR Not Not Known, CBS-SBR Not Not Known, CBS-SBR Not Known, CBS-SBR Not Known, CBS-SBR Not Known	Lack of efficacy (parvovirus)	Not Known	SLEE for parvo received on 7 feb 2017 FEE20017 Veterinarian notifies parvovirus infection in 2 pups from same household after vaccination with hobbace IPH. Noblems Let and Premoting Dog 1 captured in case 2017-8E-00044. Dog 2 captured in this case 7 FEE2017 Dog is sick-positive for parvovirus, restered in the scare care unit of the Nebray Park 2018 Programment on the signs of parvovirus, restered in the scare care unit of the Nebray Park 2018 Programment on the signs of particular particula	Dutch Spitz-Keeshond	6.2	NOBINY CHE TOKIDS 130 - NA/N/L DEPA 24 Uninoum 1 Days 1 Asimal (25/08/2016 - 25/08/2019-18-N-88F-NOBINYAC L4 1000125-55 - 1/ASIMAL (25/08/2019-18-N-88F-NOBINYAC L4 1000125-55 - 1/ASIMAL (25/08/2019-18-N-88F-NOBINYAC L4 1000125-55 - 1/ASIMAL (25/08/2019-18-N-88F-NOBINYAC L4 1000125-18-N-88F-NOBING L30 - NA/N/L DAYS 24 Uninoum 1 Days 1 Asimal (12/07/2016-12/07/2016-18-N-88F-Presumodog - NA/N/LA, A2 Juhnoom 1 Asimal (25/08/2016-25/08/2016-88F-88F-	N - Unlikely	The product is not expected to protect against pairo
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00078	Belgium	Animal	Canine/dog	4 Year(s)	07/03/2017	07/03/2017	1 1	0	07/03/2017	Yes, <b R> Yes</b 	Weak pulse, Decubitus, Prolonged capillary refill time, Apathy, Anaphylactic shock, Lethargy (see also Central nervous system depression in "Neurologica"), Loss of consciousness, Pale mucous membrane, Hypotension	No Data	7 Mar 2017 Veterinarian reports anaphylactic reaction in a dog after vaccination with Nobivac DHPPI and Nobivac L4. 7 Mar 2017 Dog is vaccinated at veterinary practice with Nobivac DHPPI and Nobivac L4. 17 Mar 2017 Dog is vaccinated at veterinary practice with Nobivac DHPPI and Nobivac L4. 10 minutes later dog shows apathy and letharing. This evolves to white mucoses, weak hear the sub-severe hypotension, severe lethargy, sternal decubits, loss of consciousness, elevated RFT. Treatment: Desamethasion IRM + 17, Oviger, No amelioristion, Arderslate + perfosion. Arterslates of the 17 March 2018 And Congress of Consciousness, decided RFT. Anours: recovery, No additional information awaited. Case closed. [Reason for use for product: Generic: DHPPI 17 March NOBIVAC DHPI 2010ST 1510 Resons Vaccination Generic: LEPTO* GIFT. CAMURGIPP.BRAT] XB. Brand: NOBIVAC L4 10X105 545 Reason: Vaccination] [State of health: Good!]	Cairn Terrier	10.5	NOBIVAC DHPPI 10X1DS 130 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal (07/03/2017 - 07/03/2017/sBR> NOBIVAC L4 10X1DS 545 - 1,N/A,1 Days,24,1 Dose 1 Days 1, Animal (07/03/2017- 07/03/2017/sBR> 	B - Possible	Very close association in time (10 minutes). Anapylactic reaction can occur after any foreign substance administend. Other product used the same time, therefore B Possible.

NOBIVAC L4			Anmal	Canine/dog	5.9 Year(s)	13/10/2016	23/03/2017	1 1	1 26/10	ZOLG NOT Known, <br:- known<="" krh-gr-not="" krown,<br:-="" td=""><td>RS. death,Anonexia, Dedema NOS (see other SOCs for specific odemas).Ascites,Elevated AST,Elevated AXT,Elevated AXT,Anonmal utrasound finding,Elevated lipase,Hypophophataemia,Muscia atrophy (see also Muscle wasting/Libonomal test result-Hypoalbuminaemia,Hypoprelimenia), eucoropias, Peurophil, Diarrhoea,Hypocalcaemic condition</td><td>Not Known</td><td>23 MAR 2017 Fechnical support reports gastrointestinal pathology and destrit of a log following varicination with Nobera Rabley/Nobera (4.2) 3MAR 2017 Fechnical support revelves notification of possible appearance of an article concenting above mentioned reaction in the Dutch magazine "Orse Dent". The veteriarian (Clinical has been contacted and provided following information CCT 2015 Dog vaccinated with Nobbera CL. 13 DCT 2016 Tog vaccinated with Nobbera Rables and Nobbera CL. 20 CCT 2016 Dog bows severe veutre glanders, no vormiting, in the past, dog hardy showed distributed CCT 2016 Dog bows severe veutre glanders, no vormiting, in the past, dog hardy showed distributed 14 (1) catal protein 31g/ (15-18) Elevated ACT 105 (CG) ACT (CO). Elevated CPL, Elevated TL 46 § 2-35 9 NOV 2016 Clinic Et. Jeaps Coult Elevated ACT 105 (CG) ACT (CO). Elevated CPL, Elevated TL 46 § 2-35 9 NOV 2016 Clinic Et. Jeaps Coult Elevated CPL 40 (1) Clinical CPL 40 (</td><td>Drentse a Partridge Dog.</td><td>26.05</td><td>NOBINZC L4 IDXIDS 545 - NANA/L1 Days 24, Uninown 1 Days 1 Animal (13/10/2016 - 13/1</td><td>O1 - Inconclusive</td><td></td></br:->	RS. death,Anonexia, Dedema NOS (see other SOCs for specific odemas).Ascites,Elevated AST,Elevated AXT,Elevated AXT,Anonmal utrasound finding,Elevated lipase,Hypophophataemia,Muscia atrophy (see also Muscle wasting/Libonomal test result-Hypoalbuminaemia,Hypoprelimenia), eucoropias, Peurophil, Diarrhoea,Hypocalcaemic condition	Not Known	23 MAR 2017 Fechnical support reports gastrointestinal pathology and destrit of a log following varicination with Nobera Rabley/Nobera (4.2) 3MAR 2017 Fechnical support revelves notification of possible appearance of an article concenting above mentioned reaction in the Dutch magazine "Orse Dent". The veteriarian (Clinical has been contacted and provided following information CCT 2015 Dog vaccinated with Nobbera CL. 13 DCT 2016 Tog vaccinated with Nobbera Rables and Nobbera CL. 20 CCT 2016 Dog bows severe veutre glanders, no vormiting, in the past, dog hardy showed distributed CCT 2016 Dog bows severe veutre glanders, no vormiting, in the past, dog hardy showed distributed 14 (1) catal protein 31g/ (15-18) Elevated ACT 105 (CG) ACT (CO). Elevated CPL, Elevated TL 46 § 2-35 9 NOV 2016 Clinic Et. Jeaps Coult Elevated ACT 105 (CG) ACT (CO). Elevated CPL, Elevated TL 46 § 2-35 9 NOV 2016 Clinic Et. Jeaps Coult Elevated CPL 40 (1) Clinical CPL 40 (Drentse a Partridge Dog.	26.05	NOBINZC L4 IDXIDS 545 - NANA/L1 Days 24, Uninown 1 Days 1 Animal (13/10/2016 - 13/1	O1 - Inconclusive	
NOBIVAC L4	BEL-MERCKMSD-2017-BE-000	90 Belgium	Animal	Canine/dog	11 Week(s)	01/03/2017	29/03/2017	1 1	0 01/03	/2017 Not Known, <br3> < Not Known,<br3> Not Known,<br3> > Not Known</br3></br3></br3>	3R> 'Skin'),Swollen lip (see also 'Skin')	Not Known	29 MAR 2017 Weterinarian reports an altergic reaction in a dog after vaccination with Nobiusc DIPPP, Nobiusc L dat Nobiusc EID-LIMA 2017 (approvd 18.30 No Bg avaccinated with Nobiusc DIPPP) Nobiusc L4 Nobiusc BBP. 13 45% Dog shows swelling of the eyelds, Igio, nose. Treatment: It injection with Dezamethsone. In the evening dog recovered, No additional information awated. Case closed. [Reason for use for product: Generic DIPPP I.V Brand: NOBIVAC DIPPP IDXIDS 130 Reason: Vaccination Generic: EIDT GANINE / PILE LIGHT VB BRAND STATES AND STATE	Siberian Husky	Not Known	NOBIVAC BBPI SXIDS-SXIDS DIL 13 A-In/A,1 Days,24,1 Dose 1 Days 13 A-In/A,1 Days,24,1 Dose 1 Days 13 A-In/A,1 Days,24,1 Dose 1 Days DIPPI 10XIDS 130 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal 0/10/3/2017-BR>-BR>NOBIVAC L4 10XIDS 545 - 1.N/A,1 Days,24,1 Dose 1 Days 1 Animal (0/10/3/2017- 0/10/3/2017-BR>-BR>NOBIVAC L4 10XIDS 545 - 1.N/A,1 Days,24,1 Dose 1 Days 1 Animal (0/10/3/2017- 0/10/3/2017-BR>-BR>-BR	B - Possible	
	BEL-MERCKMSD-2017-BE-000		Animal	Canine/dog	5.5 Month(s) 10/03/2017	11/04/2017	1 1	1 20/03	Known, > Not Known	Rod disorder, Cardiomyopathy, Pale mucous membrane, Hyperaillvation, Dypone al, Jung oedem, Death by euthanasia, Hypervertilation, Abno mal test result, Hyperdylcaemia, Hypoprotei aemia, Elevated SAP. Decreased ree blood cell court, Decreased aemia, Elevated SAP. Decreased excell volume (PCV), Neutropenia	Not Known	31 MAR 2017 Veterinarian reports various reactions in a dog after vaccination with Nobbac L4 and Nobbac Panov - L0 MAR 2017 Ogs excented with Nobbac L4 and Nobbac Panov - L0 MAR 2017 Ogs excented vibrous L4 and Nobbac Panov - L0 MAR 2017 Ogs excented vibrous L4 and Nobbac Panov - L0 MAR 2017 Ogs excented vibrous L4 and Nobbac Panov - L0 MAR 2017 Ogs excented vibrous L4 and Nobbac Panov - L0 MAR 2017 Ogs excented vibrous L4 Company - L4 Company	German Spitz-Pomeranian		SKOBINZ (4 UXXIDS S45 - 1,N/A,1 DBIX,2A1, DOS L DDISY,1 ANIMAI (10/03/2017- 10	G - Unclassifia ble/unassessa ble	Reactions started tO days after vaccination, impact not hood parameters was observed interment, on hood parameters was observed intermediate, neutropenial. The role of Noblova, L4 cannot completed be excluded concerning the effect on blood. However, cardiomyopathy is not expected. Overall, O.
NOBIVAC L4			Animal	Canine/dog	4 Month(s)	24/04/2017	24/04/2017	1 1	0 24/04	Known, <br: > BR> Not Known,<br: > BR> Not Known</br: </br: 	3R> EBR R>	Not Known	24 APR 2017 Veterinarian reports an allergic reaction in a dog after administration of Nobius C14 and Nobius C14P12 APR 2017 Viscinistion of the dog with Nobius C14 and Nobius C14P12 APR 2017 Viscinistion of the dog with Nobius C14 and Nobius C14P12 Administration of Nobius C14P12 Admi	Other Canine/dog	3.35	Effigro - N/A,N/A. Weeks, 24, Inknown 4 Weeks 1 Animal (24/04/2017- 24/04/2017)-cBR->dB->NOBIVAC DHPP 10X105 130 - 1,N/A,1 Days, 24,1 Dose 1 Days 1 Animal (24/04/2017-BR->dB->NOBIVAC L4 10X105 545 - 1,N/A,1 Days, 24,1 Dose 1 Days 1 Animal (24/04/2017- 24/04/2017-BR->dB->NOBIVAC L4 L0X105 545 - 1,N/A,1 Days, 24,1 Dose 1 Days 1 Animal (24/04/2017- 24/04/2017-BBR->dB->	B - Possible	Close association in time. Allergic reaction can occur after administration of the product. Several products used at the same moment. Therefore B Possible.
	BEL-MERCKMSO-2017-BE-001		Animal	Canine/dog	5 Month(s)	06/02/2017	22/05/2017	1 1	1 06/02	Known, <br: >GBR:>GBR: Not Known, GBR: Not Known, GBR: >GBR:>GBP: Not Known, SBR: >GRP:>GBP: Not Known, SBR: >GRP:>GBP: Not Known, SBR:</br: 	RP- a,Convulsion BR BR BR BR BR BR BR	Not Known	Supercited adverse reaction. ISMAY2017 Veterinarian nortifies death in a dog after vaccination with Nobbusc LA. 2017 (pipport) Deg vaccinated with Nobbusc LA. Afterwarks (time rimen on specified) dyshowed coughing and died. Additional information expected. Follow-up 22 MMY 2017 patient, product Event narrative and assessment screen adapted. 6FE2017 ong shows a slight cough. Bilateral oiltis caused by Malassesia. Dog vaccinated with Nobbusc LOPP and Nobbusc LA Dog also received Reagard spectra. Dogsynya. Aceti cotic. A from dog eat well and was aclif. Afterwards the went to his bench himself and showed convolutions. Dog was brought to the clinic. 6-7FE2017 Adhours observation; Ragderoan and indicion. According to attending vet it concented an allegic receivation probably due to Nobbac LA. 7-10FE2017 No abnormalities. 16FE2017 Og found death at home. Autopsy performed. Results, Prevennonia thresting vet it concented an allegic receivacy with succession. According to attending vet environment of the production of the profession of the production of the production of the production of the profession of the production of the production of the profession of the professi	, y	Not Known	Acetic oIt: -N/AN/A/24 Houns, 24, Inknow 24 hours 1 Animal (10 Dayle) 66(02/2017- 16/02/2017-18-RB-Dogsymp- 5,N/A,12 Hours, 10,5 ml 12 Hours 1 Animal (10 Dayle) 66(02/2017- 16/02/2017-18-RB-Dogsymp- 16/02/2017-18-RB-NOSIWAC DBP 10XIDS 130-18 N/AN/AN/A 24, Unknown Unknown 1 Animal (06/02/2017- 106/02/201	B - Possible	Allegic reaction-Association in time. (-24th) Described reaction is possible after administration of the product. Other products used at the same moment. No clear conclusion can be made. Therefore B Possible. Death: Weak association in time. Autopsy performed. Underlying pathology diagnosed. Overall B Possible
NOBIVAC L4	BEL-MERCKMSD-2017-BE-001	56 Belgium	Animal	Canine/dog	13 Week(s)	27/04/2017	02/10/2017	1 1	0 27/04	/2017 Not Known, <br: > Not Known</br: 		Not Known	Supercited adverse reaction on 18 May 2017 a veterinarian norfiles anaphylactic reaction in a log afte vaccination with Nobbac EHPPI and Nobbac Let 2.7 pá 2017. Dog la vaccinated with Nobbac EHPPI and Nobbac Let 2.7 pá 2017. Dog la vaccinated with Nobbac EHPPI and Nobbac Let 2.8 minutes of the head, prutrus on the head and deciubtus. Treatment: IV Rapidemo/circitotaceteoids J. 3 mil. Abouz 1.0 most later dog recovered. Swelling on the face deminished. Veterinarian also norfiles another case: See linked case: 2017-8E-157. Additional information availated. 2 OT 2017 No additional information reviewed availated. Case closed. [Reason for use of product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBINAC L4 10XIDS 545 Reason: Vaccination Generic: DHPPI LV Brand: NOBINAC DHPPI 10XIDS 130 Reason: Vaccination] [State of health: Unknown]	r American Cocker Spanie	6.4	NOBINAC DHPPI 10XIDS 130- 1,N/A,N/A, 24,1 Dose Not applicable 1 Amimal (27/04/2017- 27/04/2017\cdot RR-cBR-NOBINAC L4 10XID5 545 - 1N/A,N/A, 24,1 Dose Not applicable 1 Animal (27/04/2017-27/04/2017) CBR>-CBR-NOBINAC LA	B - Possible	NCA agrees with MAH assessment

	BEL-MERCKMSD-2017-BE-00184 BEL-MERCKMSD-2017-BE-00188	Belgium	Animal	Canine/dog	2.5 Month(s	31/05/2017	08/06/2017	1 1	0 0	01/06/2017	Not Known, BR >BR>BR>BR> Not Known	Falling Disturbance in attention, Spasm, Ataxia	Not Known	8 Jun 2017 Veterinarian reports a neurologic reaction in a dog after vaccination with Nobbuc AC PIPPI and Nobbuc AC Jul My 2017 Dog is vaccinated with Nobbuc PIPPI and Nobbuc AL 31 My 2017 Dog is vaccinated with Nobbuc AL 31 Mu 2017 Dog is vaccinated with Nobbuc AC PIPPI and Nobbuc AL 31 Mu 2017 Dog Wilson Box State Activation and PIPPI ACTIVATE ACTIVATION AND ACTIVATI	Jack Russell Terrier	Not Known	NOBIVAC DHPPI 10X1DS 130 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal (31,05/2017 - 31/05/2017/sBR> NOBIVAC L4 10X1D5 545 - 1,N/A,1 Days,24,1 10Se1 Days 1, Animal (31/05/2017 - 31/05/2017/sBR> NOBIVAC DHPPI 10X1DS 130 -	B - Possible R - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2017-8E-00188	Belgium	Animal	Canine/dog	3 - 4 Year(s)	01/06/2017	22/06/2017	1 1	1 0	01/06/2017	Not Known,
 Not Known</br 	Vomiting_Death_Loss of consciousness,Coma_Anaphylaxis,F ever	Not Known	2 Jun 2017 Veterinarian reports a neurological and general reaction in a dog after vaccination with Noblava CHPPI and Noblava L. 4. Jun 2017 (Japporo) Dog vaccinated with Noblava CHPPI and Noblava L. 8. The same day the dog showed coma and fever. Treatment: Corticosteroids, infusion and artificities. Fever has gone but consciounness still decreased, Dog will have a neurological examination. Additional information awaited. 22/JUN2017 Follow-up. Patient, product, event narrative and assessment adapted vaccination dates. 2 JUN 2017. Drug the night the dog browed vontifies, coma and fever. Treatment: Corticosteroids, infusion and antibiotics. 2 Jun 2017 Fever went away but consciounness decreased. Dog sent to 2 vide veterinary practice. Is finituates after he arrived there he deed. Since, Jun 1-feb 2017 Dog has herotronics diagnosed. No autopy performed. No additional NOBINNAC INPHP JUNGS 130 Reason. Vaccination (Secret: EPTO *4(CT_AN_GRIPP_BRAT) KB Brand: NOBINNAC INPHP JUNGS 130 Reason. Vaccination (State of health: Poor)	Not Applicat	le Not Known	NOBINAC DHPP IDXIDS 130 - N/AN/AN/A 2/AJA/Infrawn Unknown I Animal (01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017-01/06/2017	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00203	Belgium	Animal	Canine/dog	4 Month(s)	13/06/2017	19/06/2017	1 1	0 1	13/06/2017	Not Known, <br×br > Not Known</br×br 	Tachycardia,Pruritus,Urticaria,Facia I swelling (see also 'Skiri')	Not Known	19.1UN 2017 Veterinarian reports an allergic reaction after vaccination of a dog with Nobinc DHPFI and Nobinc L4.13 JUN 2017 Dog is vocinated with Nobinc DHPFI and Nobinc L4.3 Junimutes after vaccination dog shows: generalised pruritus, severe facial swelling and utricaria all over the body. tackpucarda, pirk mouscae, BFT: 3 sec. Treatment: If Virgiccino with Predinsione Img/kg] and hospitalisation. Dog recovered within 1 hour. No additional information expected. Case closed. Reason for use for product: Generic Depth I/U Strankt ONDIVIC DHPFI 2015XI 330 Reason: Vaccination Generic LEFTO*QICT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 IDXIDS 545 Reason: Vaccination Generic LEFTO*QICT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 IDXIDS 545 Reason: Vaccination Generic LEFTO*QICT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 IDXIDS 545 Reason: Vaccination (State of health: Unknown).	Bulldog	10	NOBIVAC DHPPI 10XIDS 130 - 1,N/A, 1 Days,24,1 Dose 1 Days 1 Animal (13/06/2017- 13/06/2017-BR->BR>NOBIVAC L4 10XIDS 545 - 1,N/A,1 Days,24,1 Dose 1 Days 1 Animal (13/06/2017- 13/06/2017)-BR>>BR>	B - Possible	Close assocation in time (30 minutes). Described symptoms could be linked to a hypersensitivity reaction. This reaction is a known reaction. Two products used.
NOBIVAC L4	BEI-MERCKMSO-2017-BE-00216	Belgium	Animal	Canine/dog	6 Year(s)	22/10/2015	28/08/2017	1 1	1 (05/11/2015	Not Known, KBR> BR> BR> Not Known, Known, KR> Not Known, KR> Not Known, KR> KNOWN, KNOWN, KNOWN, KNOWN NOT KNOWN KNOWN NOT KNOWN	application site),Lethargy (see also Central nervous system depression in 'Neurological'),Weight	Not Known	Sispected adverse reaction from 2015, reported on 3IUJ.2017 Veterinarian nortifies gastro-intestinal, general reaction and bloop athology after vaccination with Nobiac CHP, Nobiac CHP, Nobiac CHP, Solivac L A, Nobiac Rables and Pneumodogs. 22OCT2015 Dog is vaccinated with Nobiac CHP, Nobiac L A, Nobiac Rables and Pneumodogs. 22OCT2015 Dog is vaccinated with Nobiac CHP, Nobiac L A, Nobiac Rables and Pneumodogs. 2002.015 Dog is how severe anamala, lethany, weight loss. Diagnostics: Negative for Lyme/Ranglasma and Ehrlicha. Treatment: corticosteroids. 17NOV2015 Severe repetition of symptoms the dog showed before, noedem. Dog has been evaluationed. On additional information expected. Case closed. 28 AUG 2017 Follow up received. Pattern, product, event narrative screen adapted. 5 NOV 2015 Dog also showed anoresia and vormiting. Weight loss from 6 1.1 o. 9 in 12 weeks. Treatment existed of corticosteroids, artibiotics (amovy-Clav), laurabolin and hospitalisation. 9 NOV 2015 Raddograh and utrasnoogaphy no pathology. Relaps after decrease of corticosteroids. Treatment: Blood transfusion. Combis test was negative. [Reason for use for product: Generic: LEPT Office/CLAG AGERPBARIX ISB Branch NOBINAC L4 10/1015 545 Reason: Vaccination Generic: RABIES IN AUJ ADIU/VANT XV Branch NOBIAVAC L4 10/1015 545 Reason: Vaccination Generic: Brand: Pneumodog/Eurican Pneumo Reason: Vaccination [State of health: Unknown]	German Spit	:- Not Known	NOBINAC DHP JONIDS 130 - 1 M/A1 Days, 24,1 Dos 1 Days 1 Admial (22/10/2015- 1991 1 Admial (22/10/2015- 1 Admial (22/10/10/10/10/10/10/10/10/10/10/10/10/10/	O1 - Inconclusive	The CA agrees on the assessment of the MM1. Since multiple product is emolwed it is difficult to indicate which product is responsible for the signs.
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00217	Belgium	Animal	Canine/dog	1.4 Year(s)	20/05/2016	03/07/2017	1 1	0 2	20/05/2016	Not Known, BR >BR>BR >SBR>BR>BR Not Known, BR >KNOWN, BR >BR Not Known	depression in 'Neurological'),Malaise,Vomiting,Ab normal test result,Anaemia	Not Known	Supercial Adverse Reaction 2APR/2016 Dog is vaccinated with Nobius CI PP, Nobius CI, Preventodg 2004AV2016 Dog revieles Not Avaccination with Nobius CIPP, Nobius CI, Preventodg Alferwards (after vaccination, not specified) he showed less appetite and sickness. 4UL2016 Dog shows leishargy and less appetite again, 7UL10216 Dog shows identhose and womiting. Transmerts. Stomograf-sadget feeding AUL20016 Dog shows leishargy, anorexia, Keer 2B, YC. Diagnostics. Negative for Gardisa. Anaemia, 18UL20016 Pale immusus membranes, leishargy, disarriosa, astorica. Severe anaemia, Blood Call Control of Immuse mediated been object aneemia. Treatment: Prococca 20UL2016 Along 20UL2016 Diagnostics: loopera; positive, identional test result) Treatment: Prococca, 20UL2016 Along 20UL2016 Diagnostics: loopera; positive, identional test result) Treatment: Prococca, 20UL2016 Along 20UL2016 Diagnostics: loopera; positive, identional test result) Treatment: Prococca, 20UL2016 Along 20UL2016 Diagnostics: loopera; positive, identional test result) Treatment: Prococca, 20UL2016 Along 20UL2016 Diagnostics: loopera; positive identional test result) Treatment: Prococca, 20UL2016 Along 20UL2016 Diagnostics: loopera; positive, identification in Sind science for the control 20UL2016 Diagnostics: loopera; positive, identification in Sind science for the control 20UL2016 Diagnostics: loopera; positive, identification in Sind science for the control 20UL2016 Diagnostics: loopera; positive, identification in Sind science for the control 20UL2016 Diagnostics: loopera; positive identification in Sind science for the control 20UL2016 Diagnostics: loopera; positive, identification in Sind science for the control 20UL2016 Diagnostics: loopera 20UL2016 Diagnostic	: Chihuahua	Not Known	NOBINYL DHP 10XIDS 130 - NA/NA/1 DB2-24/Infanown I Days 1 Animal (20/05/2016- 20/05/2016- 20/05/2016- 20-05	O1 - Inconclusive	Underlying pathology that could have caused the symptom, sower a role of the vaccination cannot be ruled out. Therefore OI inconclusive.
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00242	Belgium	Animal	Canine/dog	Not Known	12/07/2017	12/07/2017	1 1	0 1	12/07/2017	Not Known,
 Not Known</br 	Anaphylactic shock	Not Known	SMI 23/LU2017 Veterinarian norfiles shock reaction in a dog after vaccination with Nobbac L6 and Nobbace T6. 21/LU2017 (appray log paccinated with Nobbac L6 and Nobbace T6. 21/LU2017 (appray log paccinated with Nobbace L6 and Nobbace T6. 11/LU2017 (appray log paccinated with Nobbace L6 and Nobbace T6. 11/LU2017 (appray log paccinated with Nobbace L6 and Nobbace L6 and Nobbace L6 and L	Not Applicat	le Not Known	NOBIVAC L4 10X1DS 545 - N/A,N/A,1 Days,24,Unknown 1 Days 1 Animal (12/07/2017- 12/07/2017)-BR> NOBIVAC PI 10X1DS 130 - N/A,N/A,N/A 24,Unknown Unknown 1 Animal (12/07/2017-12/07/2017) 	B - Possible	The CA agrees on the assessment of the MAH.
NOBIVAC L4	BEI-MERCKMSD-2017-BE-00268	Belgium	Animal	Canine/dog	2 Year(s)	26/07/2017	18/08/2017	1 1	1	27/07/2017	Not Known,-BR>-dR ≻ -dR>-dR>-dR Not Known	Lethargy (see also Central nervous system depression in in Neurological). Hypothermia, Fever, Septzaemia, Seratisti, njection site panniculitis, Apathy, Bacterial skin infection NOS, Hypoglycaemia, Lufriany tract bleeding, General infection State of the Seration of the	Not Known	31ULUD17 Veterinarian nordifies local, general reaction and death in a dog after vaccination with Noblosc Ld en Noblew P. 28/ULD17 De vaccinated with Noblew Cal and Noblew P. 27/ULD172 To hours after vaccination patient shows lethargy, lifting his foreign from time to time, annowai, a ULD17 hours after vaccination does be trought to veterinary practice and shows swelling at injection site. hypoglycaemia, anorexia, apathy and fever (40°C). Treatment in Noblasc swelling at injection site. hypoglycaemia, anorexia, apathy and fever (40°C). Treatment is home. 31ULO170 go, comes again to veterinary practice. No evolution. Fever 33.4°C. Lifting left foreign continuously, ataxia, apathy and general sickness. A lifting left foreign continuously, ataxia, apathy and general sickness. A lifting left of the young which indignated from the lepicton site. Dedema at the left humenus. Dogs is hospitalised. Vomining after forced feeding Treatment Dedema at the left humenus. Dogs is hospitalised. Vomining after forced feeding Treatment of the second of the second with the second of the second value of the value of the second value of the second value of the valu	ı	1.74	NOBINCK 14 IDXIDS 545 - J.N/A.1 Days, 24.1 Dos 1 Days 1 Animal (26/07/2017- 26/07/2017- 10 J.N/A.1 Days, 24.1 DOSE 1 Days 1 Animal (26/07/2017- 10 J.N/A.1 Days, 24.1 DOSE 1 Days 1 Animal (26/07/2017- 26/07/2017- 8R-4BP	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	BEL-MERCKMSD-2017-8E-00279	Belgium	Animal	Canine/dog	4 - 4 Month(s)	04/08/2017	08/08/2017	1 1	1	05/08/2017	Not Known, KBR>KBR> KBR>KBR>KBR> KNOWN, KBR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>K	Leucocytosis, Prolonged one stage prothrombia time (SGPT) Lachyteral pale mucous membrane, Diarrhoea, Vonstling Blo voniti, Comp. Death, Hypervertillatio voniti, Comp. Death, Hypervertillatio voniti, Comp. Death, Hypervertillatio voniti, Comp. Death, Hypervertillatio voniti, Comp. Death, Hypervertillation voniti, Comp. Death, Hypervertillation vonition, Hypervertillation vonition, Hypervertillation, Hypervertillation vonition, Hypervertillation, Hyperve	Not Known	Sampected adverse reaction 8AUG2017 Veterinarian notifies gastro-intestinal reaction, blood pathology and death in a dog after vaccination with Nobbac DHP and Nobbac L4. 22IJUN2017 Dog is administered Nobbac Pupp at the breeder AUG2017 Dog is vaccinated with Nobbac DHP and Nobbac L4. 5.4UG2017 Dog is shows committee of the property	Tibetan Terried	5.5	NOBIVAC DHP 10XIDS 130 - 1,N/A,1 Days, 24,1 Dose 1 Days 1 Animal (04/08/2017- 04/08/2017-	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00280	Belgium	Animal	Canine/dog	5 Month(s)	31/07/2017	31/08/2017	1 1	0	03/08/2017	Not Known, Known, SR> Not Known, Known, SR> Not Known, Not Known, Not Known, Not Known	Recumbers, Veduced reflees, Valding, reflees, Valding, difficulty, Neuropathy NOS, Muscle weakness NOS	Not Known	concentrate aversion BAUC2017 Vestimation nortifies neurological naction in a dig after varication with Nobine CRPRI, Nobine C and Nobines BB SILVILI2017 Dog is vestimated with Nobine CNPRI, Nobine C 4 and Nobines BB P. SAUC2017 Dog shows neuropathly and is sent to 2nd vestimany practice. AMICG0217 Dog states willking again. Treatment: unknown, probably controsteroids. Additional information availed. [Pr 40c and report]. 24 AUG 2017 Additional infor received. 3 AUG 2017 According to attending vet dog showed general muscle weakness, not able to stand up anymore. Treatment: Desamedium, Noroclaw, Furosemide. 4 AUG 2017 According to report of the 2nd vestimany practice. Dog shows stiff and weak walking. Dog wants continuously laying door Delayed reflexes. Syndrome: weakness. Localisation: perferal neuromuscular, nervous type. Heamantology and bloochemistry normal. CO2017 005020 Frattment: Hospitalisation. Diagnosis: suspicious for post vaccination polymeuropathy. 30 AUG 2017 Additional Information necelved. Negative for Neopora and Toupolpsarus. (Report 800 2012-1993). 3 AUG 2017 Additional Information received. Dog is doing better: Ne walks again. Case updated in patient; product, event narrative, veddro- conding screen. Assessment changed from Oruchssified to 98 bossible for the 3 concerned products. No additional Information awaited. Case closed. [Nesson for use for product: Genetic CIPPIP UT Brand NOBINAC LET 100 LIDS 348 Resont Vaccination Generic 88 CANINE / PI LB/U Brand: NOBINAC BBPI SUD55-5010 DI DI Die Resont Vaccination [State of Tealist. Unknown]	Basset Hound	12-Dec	MOBINAC BBP SXIDS-SXIDS GIL 3D0 - N/AN/A, N/A, 24 Jurknown Unknown 1. Animal (3,107/2017- 3107/3017-88-R8-N-08IWAC DHPP1 10XIDS 130 - 1,N/AN/A, 24,1 DODGE Unknown 1. Animal (31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 31/07/2017- 38BR-	B - Possible	Association in time (Edelys). Neurological reaction not upon expected after administration of the protect Allergic reaction can't be excluded. Additional disgnostics performed. No other underlying pathology found but can't be excluded (Negative for Neosport/Toxologism). Post vaccination neuropathy can't be excluded (Inegative for the adverse excluded) and the product responsible for the adverse event.
	BEL-MERCKMSD-2017-BE-00291	Belgium	Animal		10 Week(s)	04/08/2017	14/08/2017	1 1	1	08/08/2017	Not Known	Blood clot, Death, Lameness, Polyarthritis	Not Known	IAAUSQ171 Notification received from Dutch colleapus about a social media post concerning death of a pupy after accinition with Nobiact. A AUG/2017 Leopon Dog is warchined with Nobiact LA SAUGQ172 Tog after a work of the property of the p	Other Canine/dog	Not Known	NOBIVAC L4 10X1D5 545 - 1,N/A,N/A,24,1 Dose 1 Animal (04/08/2017-04/08/2017) -BR> 	O1 - Inconclusive	NCA agrees with MAH assessment
			Animal	Canine/dog	9 - 9 Week(s)	28/08/2017	29/08/2017	1 1	0	28/08/2017	Not Known, >BR> >RR> Not Known, >BR> >	Blindness, Muscle tremor, Ataxia	Not Known	Superted adverse reaction Tremor, stasks and blindness after vaccination of several vaccines and a pharmaceuticia: 25(00/2017, 16.00 vaccination with Nobbuck L and Nobbuck DIPPR) and dewormer Mijror Pup slept till 20.00th and owner woke him up, dog showed severe shaking and could not stand up anymore. Went to the vet, diagnosis: heavy termor, stasks, blindness, slucces "monify teratherist" glassore (althoug not really needed) Phenirgam: 0.02ml IM Primperan: 0.2ml More information sepected. (Reason for use for product; Generic LEPTO* (LICT_AMS,REP_RARIX) Ris and in NOBIVAC L4 10/LIDS 548 Reason: Vaccination Generic: DPTO* LY Brand : NOBIVAC DPTO* IDDIOS 130 Reason: Vaccination Generic: Brand: Milgror Reason: Vaccination (State of health: Unknown)	Yorkshire Terrier		Milpro - 1.N/A.N/A, 24,1 Tablets Unknown 1 Anima (28/08/2017- 28/08/2017-8R8BR-NOBIVAC DHP1 10XD15 30 - 1.N/A.N/A, 24,1 Capsule Unknown 1 Animal (28/08/2017- 28/08/2017/BRR>-BR-NOBIVAC L4 10XLID5 545 - 1.N/A.N/A, 24,1 Capsule Unknown 1 Animal (28/08/2017-28/08/2017)-BR>-SBN-	B - Possible	The CA agrees on the assessment of the MAH.
NOBIVAC L4	BEL-MERCKMSO-2017-BE-00333	Belgium	Animal	Canine/dog	15 Month(s)	02/09/2016	22/11/2017	1 1	0	11/09/2017	Not Known,dBR>dB > dBR>dBR Not Known	Lack of efficacy	Not Known	SLEE I SEP 2017 Veterinarian notifies leptospinosis in a dog after vaccination with Nobiwac DHPPI and Nobiwac LAS AUG 2018 Dog is worntained with Nobiwac DHPPI and Nobiwac LAS AUG 2018 Dog is worntained with Nobiwac DHPPI and Nobiwac LAS AUG 2018 Dog is worntained with Nobiwac DHPPI and Nobiwac LAS AUG 2018 Dog is worntained with Nobiwac DHPPI and Nobiwac LAS 2018 Dog 2	Bernese Mountain Dog	42.5	NOBINAC DHPPI IDXIDS 130 - NA/NA/NA/N 2 Juhfnown Unknown 1 Animal (02/09/2016-02/09/2016-02/09/2016-035-8-NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	B - Possible	The CA agrees on the assessment of the MAH.
NOBIVAC L4	BEL-MERCKMSO-2017-BE-00334	Belgium	Animal	Canine/dog	2.6 Year(s)	09/06/2017	19/09/2017	1 1	1	09/06/2017	Not Known,6BR> GR Not Known	Darnhea, Vinniting, Insalle to stand, perseade reflexes, Quadripares, Audripares, Audripares, Audripares, Augustipares, Augustipares ducalisation, Head tilt namuralisation, Head tilt nam	Not Known	Sail 13 SE 2017. Veterinarian nordine; apstro-inestitual and neurological reaction after vaccination with hobivac DIPM and Nobbec 14. B JUN 2017 Dog is vocated with Nobbus CIPPI and Nobbec 14. Div. 2017 Dog is vocated with Nobbus CIPPI and Nobbec 14. B JUN 2017 Dog is vocated with Nobbus CIPPI and Nobbec 14. B JUN 2017 Rescovered. 27 JUL 2017 Logist phows somitting and disurrhoes. Treatment: symptomatic: 14. JUN 2017 Rescovered. 27 JUL 2017 Vomiting. Treatment: SMID. 2018 Dog is more quiety since vaccination. 3 AUG 2017 Dog is show shed tilt to the left and barks more roughly. 4 AUG 2017 Dog is a consultation with compalated of filterilup to stand up. Treatment: NSAID. 25M 2017 Dog is unable to stand up and is sent to Faculty of Merebibek via other veterinarian. Dog shows accurate vaccination of the stand vaccination of the production of the stand vaccination of the standard vaccination of the vaccination of the productic demonstration vaccination of the vaccination of sense it. PSTO vaccination of sense i	Border Collie	20	NOBINK CHIPPI IXXIDS 130 - 1,1/N/N/A, 24,1 toose Not applicable 1. Animal (09/05/2017- 09/05/2017-86-NEN-DOINYAC L4 10XIDS 545 - 1.N/A/M/A, 24,1 Dose Not applicable 1. Animal (09/05/2017-09/05/2017)-BR>-BR>	01 - Inconclusive	The CA agrees on the assessment of the MAH.

NOBIVAC L4		Belgium	Animal	Canine/dog	14 Month(s)	01/01/2017	16/10/2017	1	1 1	01/01/2017	NO, GBR-> GR-> GR-> GR-> GR-> GR-> GR-> GR-> G	Death,Lack of efficacy	other	Case necevied from BE NCA BE-FAGG-TOV-N20217-442. Suspected lack of expected efficacy, 22 SEP 2021 Veterinarian notifies episospinosis and death in a dog after vacination with Nobisou L4, 2026 (approx) AB sweeks of age, dog received its first Nobisou L4 vaccination. 2017 (approx) Dog receives the rappet vaccination. 7 days after injection, symptoms stated, examinations were performed (not specified) which, according to vet, confirmed Leptospirosis. 4 days later, dog des. No autopy performed, no service god, examination performed. According to veterinarian, based on available date he could not know the cause of the events. Additional information availated. Follow up information received that no company product was used (the product that was administered was Versican instead of Nobisect L4). By default, since no information was provided, it was considered that the product administered was Versican Pisst L8. Resson for use for product Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) Its Brank*: NOBINAC L4 IDXIDS-545 Reason: Vaccination Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) Its Brank*: NOBINAC L4 IDXIDS-545 Reason: Vaccination Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) R8 Brank*: NOBINAC L4 IDXIDS-545 Reason: Vaccination [State of health: Unknown]	1		NOBINAC L4 10XLIDS 545 - NA/NA/LA 10xA/NA/LA 10xA/NA/LA 10xA/NA/LA 10xA/NA/LA 10xA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	N - Unlikely	The product was not used
	BEL-MERCKMSD-2017-BE-00367	Belgium	Animal	Canine/dog			19/10/2017	1 :		01/10/2017	Known,
 >CBR Not Known</br 	Allergic oedema		12 OCT 2017 Veterinarian notifies an allergic reaction in a dog after vaccination with Nobixoc CHP an Nobixoc L4. OCT 2017 Dog is succinated with Nobixoc CHP and Nobixoc L4. Dog developed serious oedema. (Association in time unspecified). Dog has been treated by the veterinarian and recovered. Additional information awalted. § 10 CT 2017 Follow up from technical support. Feent marrative updated. No information if breathing was restricted or not. According to her talk to the veterinarian in concerned a typical swelling with is to then seen in puppies after vaccination. Not information if vaccines were mixed or not. Additional information awaited. [Reason for use for product: Generic: DHP LV Branch: NOBIVIC CHP 10 IDIOS 10 Reason: Vaccination Generic: LEFTO*4[CT_CAN_GRIPP_BRAT] KB. Brand: NOBIVIAC L4 10XLIDS 545. Reason: Vaccination] [State of health! Uninnow!]	t		NOBINAC DHP 10X1DS 130- N/A/NA/NA/24 Jufknown Not applicable 1 Animal (01/10/2017- 01/10/2017/sBr-sBr-NOBINAC L4 10X1DS 545 - N/A/NA/NA/ 24 Unknown Unknown 1 Animal (01/10/2017-01/10/2017)-BR>-BR>	B - Possible	Association in time (unspecified). Oedem (unspecified) can cur as part of an anaphylactic reaction. Two vaccines were used. According to the veterinarian, it concerned a typical swilling which is often seen in pupples after vaccination.
NOBIVAC L4	BEL-MERCKMSO-2017-BE-00368	Belgium	Animal	Canine/dog	3 Month(s)	11/10/2017	16/01/2018	1	1 0	13/10/2017	Not Known,
 Not Known</br 	Dyspnoea, Aasal discharge, Cough		On 15 OCT 2017, the Veterinarian nortifies respiratory symptoms after vaccination with Nobbuc DNP and Nobbuc LA IO and Nobbuc LA IO not 10 OCT 2017, the Olg was vaccinated with Nobbuc DNP and Nobbuc LA IO not SUCT 2017, the Olg was hospitalised at the veterinary clinic showing could, dispense and muco-purplient nasid sickingar. The Dig was bought in a pet shop, Additional information awaited, IP void, 151,000 Feb. 150,000 Feb. 150	Charles Spaniel	Known	NOBINAC DHPPI IDXIDS 130 - N/AN/AN/A 24 Unknown Not applicable 1 Animal (11/10/2017- 11/10/2017):ERS-BB-NOBINAC L4 DXIDS 545 - N/A/N/A/N 24 Unknown Unknown 1 Animal (11/10/2017-11/10/2017):BR>-8R>-	O1 - Inconclusive	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2017-BE-00370	Belgium	Animal	Canine/dog	4 Month(s)	27/09/2017	15/03/2018	1	1 0	01/10/2017	Not Known,
 >BR> Not Known</br 	Facial oedema,Anaphylactic shock-Apathy		SAI 13 OCT 2017 Veterinarian reported a case of an anaphylactic chock following the injection of NoBIVAC DHP and NOBIVAC LH in a puppy, 27 SEPT 2017 (approx) The dog swelled severely in the fac within one hour after the injection and was severely apathic. Treatment: predictioner injection. Case not closed. Additional information awarded. ISSAM2D18 No additional information received or awarded. Case Case ZAMMAD18 FORW one; Changes in Event Narrathe Vetar and dates of Veddra), Patient (recovery) and product screen (date of treatment). CCT 2017 (approx) The dog swelled severe in the face within one hour after the injection and was severely apathic. Treatment: predictioner injection whereafter the dog recovered (unspecified date). [Reason for use for product: Generic: Dt VB Brand: NOBIVAC DHP UDXIDS 138 Resson: Vaccination Generic: EPTO*QICT,CANGRIP-PRAT) KB Brand: NOBIVAC L4 IDXIDS 545 Reason: Vaccination [State of health: Unknown]	: :ly	Not Known	NOBINAC DHP 10XIDS 130- N/A.N/A.W/A. 24, Unknown 0(1/10/2017- 01/10/2017-BR>~BR>NOBINAC L4 10XIDS 545 - N/A.N/A.W/A .24_unknown (27/09/2017- 27/09/2017)-BR>~BR>	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2017-8E-00398	Belgium	Animal	Canine/dog	18 Month(s)	04/11/2017	26/02/2018	1	1 0	07/11/2017	Known,
 No</br 	Injection site information injection site swelling injection site setto pillal, letthargy (see also Central nervous system depression in Neurological'). Abnormal text setting in Neurological' in Neurological in Neurologi		SAR 08 NOV 2017 Veterinarian reports a severe swelling at the level of the injection site in a dog after vaccination with NotBOKLA £1 and Nobbus £8Ps. 00 NOV 2017 A dog was vascinated with Nobbus £1 and Nobbus £8Ps. 01 NOV 2017 A dog was vascinated with Nobbus £1 and Nobbus £8Ps. 01 NOV 2017 A dog was vascinated with Nobbus £1 and Nobbus £8Ps. 01 NOV 2017 A dog was vascinated with Nobbus £1 and Nobbus £1 was the size of the body it is really painfulf. If the vet thought about a gastric torsio (location and started after earling). Tests: 8bod test: no substantial £1 was \$2 to	Bordeaux	55	NOBINAC BBPI SXIDS+SSLIDS DIL 130-N/ANJA,NJA, ZUINFINOW NOT applicable 1 Animal (04/11/2017 - 04/11/2017)=RRBB-NOBINAC L4 05XIDS 545 - 1N/AN/A, 1,0,1 ml (04/11/2017 - 04/11/2017)=BRBBP-	A - Probable	The CA agrees on the assessment of the MAH.

NOBIVAC L4	BEL-MERCKMSD-2017-BE-00422	Belgium	Animal	Canine/dog	17 - 17 Month(s)	04/11/2017	22/12/2017	1	1 1	17/11/2017	Not Known	Death by euthanasia,Lack of efficacy	Not Known	SLEE 23 NOV 2017: Veterinarian reports a suspected lack of efficacy in a dog after vaccination with Nobixac L4 93 NLG 2016: First vaccination Nobixac L4 133 weeks, 2 days, 12 SEPT 2016: Second Schnauszer Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: Second Schnauszer Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: Second Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: Second Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: Second Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: Second Vaccination Nobixac L4 107 weeks, 2 days, 12 SEPT 2016: SECOND VACCINATION V
														days), 17 NOV 2017. Visit at veterinarian because of anorexis (10days); sensitive hepatic stomach area, no feever-Teambert: maroptatin, erroriloscani (dose usepecified) 91 NOV 2017. Dos (had fever to 40), absonomally quite and calm. Blood was taken. Hematology, CHr 21.2 (22.8 – 26.3 pgg). Iono: popularian 4.6 psg. 5.9 mEQU) Michaey, Cystaine C.1.6 (1-4.4 mg/L), User-Usina yas (14.3 pgg). Lever Usina yas (14.3 pgg). Protein C. proteins: Albuman dos. 5.9 mEQU) Michaey, Cystaine C.1.6 (1-4.4 mg/L), User-Usina yas (14.3 pgg). Protein C. proteins: Albuman dos. (25.1 – 26.3 %), Highligh 81.6 x-7.9 %, Bertal poblani 2.5.3 (11.4 x-13.8%), protein C. practices: Albuman dos. (25.1 – 26.3 %), Highligh 81.6 x-7.9 %, Bertal poblani 2.5.3 (11.4 x-13.8%), protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 x-10.4 x-10.8 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 year). Protein C. practices: Albuman dos. Automatol. (26.0 x-10.4 year). Protein C. practices: Albuman dos. (26.0 x-10.4 year). Protein C. practices: Al
	BEL-MERCKMSD-2017-BE-00454	Belgium	Animal		15 - 16 Month(s)	07/12/2017	15/12/2017	1	1 0	07/12/2017	Known, BR > <r< br=""> Not Known, <br< td=""><td>Vomiting.Facial swelling (see also 'Skin'),Fever,Localised itching</td><td>Not Known</td><td>SAR 15 DEC 2017 A verterinarian reported signs of an allergic reaction in a dag after vaccination with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day and 0.75 mg/kg 1 day. This treatment had to stop after 1 day because of astrointestinal problems (the day started vointing) 0.95 C017 /r. Deg (received. No additional information awaited. Case closed. [Reason for use for product. Generic: DPI UP Branch NOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BR</td></br<></r<>	Vomiting.Facial swelling (see also 'Skin'),Fever,Localised itching	Not Known	SAR 15 DEC 2017 A verterinarian reported signs of an allergic reaction in a dag after vaccination with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day was vaccinated with NOBINAC DPH and LAG DPE C017 A day and 0.75 mg/kg 1 day. This treatment had to stop after 1 day because of astrointestinal problems (the day started vointing) 0.95 C017 /r. Deg (received. No additional information awaited. Case closed. [Reason for use for product. Generic: DPI UP Branch NOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BRATE BRATE MOBINAC L4 D1005 S45 Reason: Vaccination Generic: E017 (C17.CA)CAG/IPS BRATE BR
	BEL-MERCKMSD-2017-BE-00465	Belgium	Animal	Canine/dog	10 - 11 Year(s)	01/12/2017	22/12/2017	1	1 0	08/12/2017	Not Known	Heart failure	Not Known	Suspected adverse reaction 22DEC2017 Veterinarian norfiles heart failure in a dog after vaccination with holivate. L. 10-05 flog is vaccinated with holivate L. 10-05 flog is vaccinated with holivate L. 10-05 flog is vaccinated with holivate. L. 10-05 flog is vaccinated with vaccinated with holivate. L. 10-05 flog is vaccinated with holivate. L. 10-05 flog is vaccinated with vaccinated with holivate. L. 10-05 flog is vaccinated with vaccinated with holivate. L. 10-05 flog is vaccinated with vaccinated with holivate vaccinated vaccinated vaccinated vaccinated vaccinated with holivate vaccinated va
	BEL-MERCKMSD-2017-BE-00468	Belgium	Animal	Canine/dog	5 Month(s)	21/12/2017	21/12/2017	1	1 0	21/12/2017	Yes, <b r="">BR>CBR>CBR>Not Known, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C	Pale mucous membrane,Unresponsive to stimuli,Weak pulse,Apathy	Not Known	SAR 27 DEC 2017 A veterinarian reports an allergic reaction in a dog after vaccination with Noblavac Page 15.6 NoBMAC 88PI SXILDS-SXILDS BILD 10-13, VALAN, 24, 1 dose (21/12/2017-21/12/2017)-8R-SBR-NOBWAC 14 100XIDS-SXILDS BILD 10-13, VALAN, 24, 1 dose (21/12/2017-21/12/2017
	BEL-MERCKMSD-2017-BE-00469	Belgium	Animal		10 - 11 Year(s)	22/12/2017	22/12/2017	1	1 1		Not Known	Death	Not Known	Supected adverse reaction 2DEC2017 Veterinarian notifies death in a day after vaccination with Nonblanc L4 2DEC50217 11 min Dejs is vacinated with Noblanc L4 (2DEC50217 11 min Dejs is vacinated with Noblanc L4 (2DEC50217 11 min Dejs is vacinated with Noblanc L4 (2DEC50217 11 min Dejs is vacinated with Noblanc L4 (2DE050217 11 min Dejs is vacinated with Noblanc L4 not not concer 5 paniel vacination saving the day was lying death in its basket. If owner agrees dog will be sent in for autopy, Additional information avaitated. Gae Color 17 Folio we not vacination with Noblanc L4 on 11 Dec 17 decribed in case 2017-8-00465 in 30 ditional information avaitated. Case closed. [Reason for use for product: Generic: EEPTO*4(CT_CAN_GRIPP_BRAT) XB Brand: NOBINAC L4 10XIDS 545 Reason:
NOBIVAC L4	BEL-MERCKMSD-2017-UG-00001	Uganda	Animal	Canine/dog	4 - 5 Month(s)	28/08/2017	16/10/2017	1	1	25/09/2017	Not Known,-GBX-SB ->GBX-GBX-GBX- Not Known,-GBX-GB ->GBX-GBX-GBX- Not Known	Death, Lack of efficacy	Not	SILE ET JOCT 2017 A veterimarian reports a suspicion of lack of efficacy for Noblouc Canine DiPPi and Noblouc Life veterinate on 10 JUL 2017 (pagnox, 1) (27 weeks); Noblouc DiPPi and 12 AB AUG 2017 (pagnox, 1) (14 weeks); Noblouc DiPPi and 14 19 COT 2017 Follow-up information neceived 15 SEP 2017. Arrival of the dop in Initial Quantal of 15 SEP 2017. No abnormalities on a routine physical examination (Countrylide Veterinary Clinic). The dog was admitted into a quarantine teneni. In SEP 2013 FSEP 2017. What and nod Qlatiko pupy promiting laver given. Pappy had good faces and unitation was good. It SEP 2017. Toold was changed to Revall Caning food for large breed days. No problems occur. In SEP 10 25 FS 2017. Arother food os speed (Adarqua). Not the first symptoms concurded food from the period own as assumed after appearance of the symptoms. 25 SEP 2017. The pupy showed: loss of appetite and was only drinking water-distinction. The first symptoms concurded food for seme vars made: L. no hemoprastrests. a marked lymphocytosis initial diagnosis: food potioning Treatment: layer and appearance of the symptoms. 25 SEP 2017. The pupy showed: loss of appetite and was only drinking water-distinction and glicoses 57 SEP 252 2017. Similar proteomical Section (1907) or air elevations to see continued by the section of the day the section of the day the section of the section

NOBIVAC L4	BEL-MERCKMSD-2018-BE-00009	Belgium	Animal	Canine/dog	3 Month(s)	01/12/2017	11/01/2018	1 1	0 05/01/2018	Not Known,
 Not Known</br 	Ataxia,Abnormal movement NOS	Not Known	SAB TJJAN2D18 A veterinarian reports ataxia in a puppy after vaccination with Nobivac L4 and Nobivo DNP (DHPPR) NoV2D17 (approx.) till DEC2D17 (approx.). A puppy was vaccinated on 9 weeks and 12 weeks of age with Nobivac L4 and Nobivo DIP (DHPPR) respected, prospective programmers and sevents of age with Nobivac L4 and Nobivoc DIP (DHPPR) respectively. Specified, SJAN2D18 (approx.): 21 bill sweeks after the second vaccination the puppy showed neurological signs like ataxia/hoddling. Veterinarian thought about encephalistic. Treatment: antibiotics, corticosteroids, binch unspecified, in improvement. JAN2D18 (approx.): The dog was sent to the Veterinary Faculty of Gent for neurological seamination: occordision. The dog is worse. Probably valentasis will be performed further information availated (DV document and report Faculty). Case not closed yet. (Reason for use for product. Generic LEPTO*4(CT_ANLGRIPP_BRAT) kis Branch NOBIVAC L4 DOLIDS-55 Reason: Vaccination). [State of Vaccination.] [State of State of	c Belgian Shepherd Dog Tervueren	Not - Known	NOBIVAC DHP 10X1DS 130 - N/A.N/A.N/A. 24.urknown (22/12/2017- 22/12/2017- 82/12/2017- 82/12/2017- 854 - N/A.N/A.N/A. 24.urknown (01/12/2017- 01/12/2017- 88-×88>	O1 - Inconclusive	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2018-BE-00032	Belgium	Animal	Canine/dog	15 Month(s)	01/02/2018	02/02/2018	1 1	0 01/02/2018	Not Known,
 >BR> Not Known</br 	Face and neck swelling (see also 'Skin'), Swollen feet, Swollen lip (see also 'Skin'), Urticaria, Anaphylactoid reaction	Not Known	AND OPTERIORS A veterinarian reported an anaphylactic reaction in a dog after vaccination with NOBINAC PI and IA. DIFERDISA dog was vaccinated with Nobiwac PI and Nobiwac L4. I hour after thin piection the dog showed general swelling [head, jie.p., paw. e.g. neck]. There were several spots with urticaria on the body (room, flank and paws). Treatment: Rapideson IV. 1 hour later symptoms were gone, except the woollen lips. In the venering after? hours be symptoms were gone and the dog war fine. No additional information awaited. Case closed. [Reason for use for product: Generic: CANIN PARAINTLEINALY Ward NOBINAC PI OXIDIOS 130 Reason. Vaccination General LEPTO*4(CT.CAN.GRIPP.BRAT) KB Brand: NOBIVAC L4 10X1DS 345 Reason: Vaccination General LEPTO*4(CT.CAN.GRIPP.BRAT) KB Brand: NOBIVAC L4 10X1DS 345 Reason: Vaccination General Market Production of the Common Common Production of the Common Production of		2.84	NOBIVAC L4 10X1DS 545 - 1,N/AN/A, 24,1 dose (01/02/2018- 01/02/2018/sBR>~SBR>NOBIVAC PI 10X1DS 130 - 1,N/A,N/A, 24,1 dose (01/02/2018-01/02/2018)-BR>~BR>	B - Possible	Anaphylactic reactions after injection can occur. There is a dose relation in time. However another product has been injected at the same time. Therefore B Possible.
NOBIVAC L4	BEL-MERCKMSO-2018-BE-00039	Belgium	Animal	Canine/dog	5 Month(s)	19/12/2017	08/02/2018	1 1	0 19/12/2017	Not Known, SPR=SR> Not Known, Not Known, SR> Not Known	Breathing difficulty, Allergic oedema, Lip oedema (see also 'Skin')	Not Known	SAG OBER 2018 A veterinarian reported an allerge resiction in a puppy after vaccination with Nobixes BBP, Lat and DHP 190FCQD17. Approxy was vaccinated with Nobixes BBP, Lat and DHP 190FCQD17 (approx). After an unspecified time the puppy had swollen lips, swollen conjunctives and a swollen mose (described as sort of an attack of swelling). There is no information about durance, treatment and outcome of the symptoms. IDJAN2018 The puppy was vaccinated again with Nobixe Lt and DHP floost) and showed on reaction symptoms at all. Additional information availated (PV doc). Case not closed yet. 2.1RE2018 Follow-up information received. Changes: Patient screen, product screen, even another control of the production of the product	King Charles Spaniel	6.8	NOBINKE BRP SXID5+SXID5 DIL 130-N/AN/AN/A), 24 µnknown (19/12/D017- 19/12/2017-BR-VBR-NOBIVAC DHP 10XID5 130 - N/AN/AN/A 24 µnknown (19/12/2017- 19/12/2017-BR-VBR-NOBIVAC L4 10XID5 545 - N/AN/AN/A 24 µnknown (19/12/2017- 19/12/2017-BR-VBR-	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	BEL-MERCKMSD-2018-BE-00049	Belgium	Animal	Canine/dog	11 Week(s)	21/02/2018	22/02/2018	1 1	0 21/02/2018	Not Known,
 >BR> Not Known,
 >BR> Not Known</br </br 	Lethargy (see also Central nervous system depression in 'Neurological')-Panting-Anaphylaxis, Vomiting-Shaking	Not Known	SAR 22 FEB 2018 A veterination reported general analyhylactic signs in a puppy after vaccination with Nobbuce LIA, Plen BBB, 12 FEB2018. The dog was vaccinated with Nobbuce BBB and Nobbuce LIA and Nobbuce L	Standard d Poodle	2.26	NOBIVAC BBPI 5X1DS-5X1DS DIL 130 - 1N/A.N/A, 24, dose/ animal 21/02/2018; BR- <br-nobivac DIP 10X1DS 130 - 1N/A.N/A, 24, 1 dose/ animal (21/02/2018- 21/02/2018; BRBR-NOBIVAC L4 10X1D5 545 - 1N/A.N/A, 24, 1 dose/ animal (21/02/2018- 21/02/2018-BRBR-PSR- 21/02/2018-BRBR-SBRBRBRBRBRBRBRBR-</br-nobivac 	B - Possible	The CA agrees on the assessment of the MAH.
	BEL-MERCKMSD-2018-BE-00050	Belgium	Animal	Canine/dog	16 Month(s)	22/02/2018	23/02/2018	1 1	0 22/02/2018	Not Known, Not Known, >Not Known, OBR > <br< td=""><td>incontinence, Urination, Lip oedema (see also 'Skiri), Pale mucous membrane</td><td>Not Known</td><td>SAR 23FEB2018 A veterinarian reported general anaphylactic signs in a dog after vaccination with Nobboxe BBH, Land DRP 22FEB2018 The dog was vaccinated with Nobboxe BBH and Nobboxe DHP and Nobboxe L4 (2 last ones mixed). 5 minutes after the hylection the dog showed the following symptoms: weakness, panting, shaking, urinating, defecation and pale mucosea Treatment: hijection Rapideono: after this he was more after and the mucosea had a normal colour again. After 1 hour the ligs started swelling. Treatment: Rapideon and epinephrine: Duration of reaction: A hours. No additional information awaited: Case closed. [Reason for use for product: Centeric BB CANINE / PI LB/LV Branch NOBIN/CE BBH 25/LDS-5/LDS DIL 330 Reason. Vaccination Generic: DHP LV Branch NOBIN/CE DHE JOING 530 Reason: Vaccination Generic: ETPTO*/MCT_CAM_ETPR_ARTI_VB Branch NOBIN/CE L4 IOXIDS 545 Reason: Vaccination Generic: ETPTO*/MCT_CAM_ETPR_ARTI_VB Branch NOBIN/CE L4 IOXIDS 545 Reason: Vaccination Generic: Brand: Rapidexon Reason: Anaphylaxisj (States no Pashit Inclinoman)</td><td>English Cockei Spaniel</td><td>15.75</td><td>NOBIVAC BBPI SXID5-SXID5 DII 130 - 1.N/A.N/A. 24.UNKNOWN (12/02/2018)- 22/02/2018)-BR>-GBR-NOBIVAC DHP 10XIDS 130 - 1.N/A.N/A 24.UNKNOWN (22/02/2018- 22/02/2018)-BR-SHR-NOBIVAC L4 10XIDS 545 - 1.N/A.N/A 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 22/02/2018)-BR>-BR></td><td>B - Possible</td><td>NCA agrees with the MAH assessment</td></br<>	incontinence, Urination, Lip oedema (see also 'Skiri), Pale mucous membrane	Not Known	SAR 23FEB2018 A veterinarian reported general anaphylactic signs in a dog after vaccination with Nobboxe BBH, Land DRP 22FEB2018 The dog was vaccinated with Nobboxe BBH and Nobboxe DHP and Nobboxe L4 (2 last ones mixed). 5 minutes after the hylection the dog showed the following symptoms: weakness, panting, shaking, urinating, defecation and pale mucosea Treatment: hijection Rapideono: after this he was more after and the mucosea had a normal colour again. After 1 hour the ligs started swelling. Treatment: Rapideon and epinephrine: Duration of reaction: A hours. No additional information awaited: Case closed. [Reason for use for product: Centeric BB CANINE / PI LB/LV Branch NOBIN/CE BBH 25/LDS-5/LDS DIL 330 Reason. Vaccination Generic: DHP LV Branch NOBIN/CE DHE JOING 530 Reason: Vaccination Generic: ETPTO*/MCT_CAM_ETPR_ARTI_VB Branch NOBIN/CE L4 IOXIDS 545 Reason: Vaccination Generic: ETPTO*/MCT_CAM_ETPR_ARTI_VB Branch NOBIN/CE L4 IOXIDS 545 Reason: Vaccination Generic: Brand: Rapidexon Reason: Anaphylaxisj (States no Pashit Inclinoman)	English Cockei Spaniel	15.75	NOBIVAC BBPI SXID5-SXID5 DII 130 - 1.N/A.N/A. 24.UNKNOWN (12/02/2018)- 22/02/2018)-BR>-GBR-NOBIVAC DHP 10XIDS 130 - 1.N/A.N/A 24.UNKNOWN (22/02/2018- 22/02/2018)-BR-SHR-NOBIVAC L4 10XIDS 545 - 1.N/A.N/A 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 24.UNKNOWN (22/02/2018)- 22/02/2018)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment
	BEL-USMERIAL-16BE000062	Belgium	Animal	Canine/dog	12 Week(s)	03/05/2016	28/07/2016	1 1	1 27/05/2016	Not Known, GBX-GBR >GBX-SBX-SBX-No, GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-	Vocalisation,Anaemia NOS, Leucocytos, Tardycardia, Vorr Iling, Heaptitis, Epileptic Sestiure, Myocionus, Hyperaettista, Uraemia, Respiratory distress, Pulmons, Heaptitista, distress, Pulmons, Heaptitista, distress, Pulmons, Heaptitista, distress, Pulmons, Heaptitista, Leibarg, Gea also Central nervous system depression in 'Neurological'), Dehydration	No Data	As reported by the attending wet, Pacha, a male Labrador Retriever of 12 weeks of age (8.3 ½g) exceeded Merlying (1.05 35722A, e.g.) and 20.7 2017, Nobbus C. Lelin C. 4952.01. 6. 10.6 35213 kg) exceeded Merlying (1.05 35272A, e.g.) and 20.7 2017, Johnston Lelin C. 4052.01. 6. 10.6 2018 j. and 10.7 2017 administered by DVM on 24 MAY 2016. 3. days after product administration (1.06 27 MAY 2015) the animal experienced worniting partial anorexis, hyperthermia (39.3°C) and tehragy. On clinical examination, DVM noted dehydration, tackycardia, samena. Radiography showed caudodrosal alveolar pattern in the lagr. Treated with Certazolin IV, IV gostropius, near 30 days, and the same pattern in the lagr. Treated with Certazolin IV, IV gostropius, Alchrowith, acelyclosis (Immunol), artibiotics and oxygen. The dog recovered during the night; good appetits, wixid: The morning after (28 MAY 2016) the dog was soporous again and started to show epileptic seleuter, mycolina, hyperasterbias at level of the head, vocaling. The dog was euthanized. Autopay was performed: lung emplyyema, lymfoplasmocytic hepatitis. Distemper & Pannegative. No macroscopic nor histological abnormalities were found to explain the neurological symptoms. [Reason for use for product: Generic: MeRILYM3 8 Brazin. MeRILYM3 Reason: Primary vaccination Generic: Brand: Nobbus called Reason: Primary vaccination Generic: Brand: Nobbus called Reason: MeRILYM3 Reason: Restland MeRILYM3 Reason: MeRIL	Labrador Retriever		Comfortan 10 mg/ml - M/A,N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N		
NOBIVAC L4	BEL-ZZELANCO-BE2017_000033	Belgium	Animal	Canine/dog	13 Year(s)	30/08/2017	06/09/2017	1 1	0 02/09/2017	Not Known, >CBR >CBR>CBR>CBR> Not Known	Anxiety, De afness, Restlessness	Not Known	On 6 Sept, Elanco was contacted by an attending veterinarian regarding a potential adverse event innohing surolan (micronazole intrate; polymynia is sulphate; predisiolone acetate) in a female/paye lack Russell. On 30 Aug 2017, the pattern was seen for orbits, surdian was administered in both enach. A vaccine, tetravalent leptosprioris vaccine, was given at the same time. The owner continued the Surolan treatment on 31 Aug, 3 Sept, and 2 Sept. The day was getting restless, and the owner reports ansiety. On 3 Sept 2017, the day was deaf. The owner called the veterinarian, and was advised to stop the Surolan treatment. As a check up with, the veterinarian concluded the gas set efficiency source of the survival of the possibility. Generic reinformation intrate; polymynia subject to the survival of the survival of the Associal Chillis external Generic tetravalent leptosprioris vaccine Brand: Noblac L4 Reason: Unknown.] [State of health: Unknown]	Jack Russell d Terrier	6.2	Nobiwac L4 - N/A,N/A,N/A,N/A,N/A (L Dayk) 30/08/2017- 30/08/2017-86-885-SUROLAN - 1,N/A,12 Hours,N/A,1 Dosage form 12 Hours (A Dayk) 30/08/2017- 02/09/2017/s8R~SR>	N - Unlikely	In this case it seems unlikely that the vaccine has contributed to the deafness of the dog.
NOBIVAC L4	CA-UKPFIZAH-2012-CA-00845	Canada	Animal	Canine/dog	3 Year(s)	23/04/2012	26/04/2012	1 1	24/04/2012	Yes, Yes, Yes, Yes	Drooling Shaking, Fever, Muscle tremor	No Data	Init is a report of a suspected adverse event involving REVOLUTION, DETENSOR, AND NOBINK-6 In an VOD NS. Sheared amost Sella, Sella received her vaccination and her Revolution on pol 123d, with sevening of the next day, she started sharing and dronling all of a sudden. The owners took her to the energiency clinic where the chickin found a 404 temperature and substanding removes. The vet recommended blood works but the owners declined. The animal has been kept overright and receive Vallam and Methodicathmol. The fever regular yeas/bed. The animal recovered over the next days, this differential diagnosis from the emergency vet is as follows: "Seltures, modifications, Revolution side effects similarly intrabible disease, high reliases, protung or linear." Sacs of (Reason for use for product: Generic SEALMECTIN Brands REVOLUTION 12% Reason: Parasite control Generic REMIST VMIST, VS REMISTOR FERSON II Reason: Unknown, Generic: Brand: NOBINAC 4 Reason: Vaccination] (State of health: Good)	3 Saint Bernard e Dog	68.04	DEFENSOR 1 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (23/04/2012): 23/04/2012/SRR-SBR-NOBIVAC 4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (23/04/2012): 23/04/2012-23/04/2012-8BR-SBV-DUTION 12% - 1,N/A,N/A, 24,1 Dose Once 1 Animal (24/04/2012): 24/04/2012/SBR-SBR>		

	CAN-BIAHPVIP-18CA000178	Canada	Animal		14 Month(s)	01/12/2017	05/04/2018	1 1		R>GBR>GBN>BQ> GBR>BR>NOT KNOWN,GBR>SBN CBBR>GBR>NOT KNOWN,GBR>GBR>GBR>OT NOT KNOWN,GBR>GBR>CBR>GBR>GBR>GBR>GBR>GBR>	Injection site granuloma	Not	1-Dec-2017: Molly, Female, Neutered, born 16-Oct-2016, ZS.4 kg, Retriever Labrador in Good condition with Otitis externa was administered IMMAB 3 TF SC-subculaneous in the Right Hind Leg and Nobbac Lego 4 (Merck) Sc-subculaneous in the Left Hind Leg. Pattent was per-treated with Metacuto .0.5% injection for Dog and Cats SC-subculaneous in the Intrascapulur (Parenteral administration) 0.1 mg/kg none due to previous ligition time reaction to Nobbac Lego 4 (Merck) Patient is currently or Tobradeo critisment (Micon Laboratories) tild and received dose this morning. Patient sent none with Mometamas for Otits. No Indication when/I administered, Lego 14-Dec-18-Dec-1	Labrador Retriever	25.4	IMBRAB 3 TF - 1.N/A.N/A. 1.0.1 millilitres 1. Animal (01/12/2017- 01/12/2017-08-18-8M-Metacam 0.5% injection For Dog and Cats- 1.N/A/N/A. 5.0.1 mg/gst Animal (01/12/2017- 01/12/2017-08-8M-Seb-Nobbwac Intra- Trac KC (Merck) - N/A.N/A.N/A N/A.N/A (01/12/2017- 01/12/2017-08-8B-Nobbwac Letpo 4 (Merck) - N/A.N/A.N/A N/A.N/A (01/12/2017- 01/12/2017-08-8B-Tobradex (Alcon Laboratories) - N/A.N/A.N/A N/A.N/A (01/12/2017- 01/12/2017-08-8B-Tobradex (Alcon Laboratories) - N/A.N/A.N/A N/A.N/A (01/12/2017- N/A.N/A.N/A.N/A.N/A.N/A N/A.N/A (01/12/2017- N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	
NOBIVAC L4	CAN-MERCKMSO-2017-CA-01277	Canada	Animal	Canine/dog	15 Year(s)	24/05/2017	31/05/2017	1 1	0 30/05/20	R> Yes	Loose stoolPolydipsia,Twitching_Limb weakness_Lumbar pain_Abnormal test result_Wallow and the stress and the st	No Data	Suspected Adverse Reaction reported by clinic on 31 May 2017. A 15 year old Dacthbund was given Nobback Lepto 4 (fight chest) on 24 May 2017. The dog had a weak back at the ream (lumbar area). She was given half a Bravecto 250 mg on 29 May 2017 and the other half on 30 May 2017, (Extra Label Like) it is unknown if it was with flood. The dog thad a dose in Apr 2016. On 30 May 2017, Getra Label Like) it is unknown if it was with flood. The dog thad a dose in Apr 2016. On 30 May 2017, Getra Label Like) is unknown if it was with flood. The dog thad dose in Apr 2016. On 30 May 2017 since she had soft stoothin morning, was drinking more, was morning isowly (coded walking flictively) and thurking at home. At the exam the dog had twitching in the face (jerked back) (not continuously) when the vet was not sure if this meant the dog was more sensitive/reactive or if she thought this was neurological in nature. The left triceps and below was a bit sore, the dog was more incorrective or if she thought this was neurological in nature. The left triceps and below was a bit sore, the dog was more is gowly, difficulty nowly had end, painful on exam of her back. Blood work showed mild decrease Phosphores 0.73 (0.8-1.22 values unknown). The color mild charge case (clustrown). The dog was yeen to Milad and not hirtching was noticed. Follow-up pending, relidiow-up 60 am 2017. The dog was re-examined on 02 Jun 2017 and was doing well. Site was still sore on upper thorace distably, but incorrect details, but morpored overall since the last visit. 30 mld are suggested startle response when seen that day, she was sent him home with Transadol. The vet more information on pencental. [Reason for one products: Centeric LINEADARTE Centry TABLETS.] Brand. BBAVECTO 250MG IXITAS 570 Beason Flee/lick control. Genetic: CLNAINE LEPTO*4(ORIG 5-P US) 88 Brand: NOBIVAC LEPTO 4 25X1DS MBK. Reason: Vaccination] [State of health: Fair]	Other Canine/dog	5.171	BRAYECTO 250MG 1X1TAB 570 - \$N/N/N/A 24.7 to 729 May and 1/2 on 30 Ma (1 Day(s) 01/04/2016- 3005/2017-88-78-88-008IVAC LEPTO 4 255LIDS MRK - 13/N/N/N 1,0 1.01 ml yot applicable 1 Animal (24/05/2017-24/05/2017):6BR~6BR>	
	CAN-MERCKMSD-2017-CA-03150	Canada	Animal	Canine/dog		07/07/2017	15/12/2017	1 1	0 20/08/2C	Known, SR >-BR>-GR>-GR> Not Known	salivation	Not Known	Suspected Adverse Reaction reported by the veterinary clinic on 15 Dec 2107. A 14 year old Labrador Retriever, weighing 2015, bus spiles an arevect 1,000 mg for the first and only time on 07 Jul 2017. The pot owner didn't specify if it was given with food. The dog was also vaccinated with Nobivac Leptod on the same duy. The dog was five multi end of August 2017, but then started losing fur and salvating more than usual. It also appears he lost mobility in his back legs (NeDRA coded as macufoxide/elda disorder NoS- not reported to be neurologic in nature). He was back to normal by No 2017. The pet owner reported this to the clinic this week (Dec 2017) and never had the dog examined by a ver for this condition. He returned an unused dose of Breverce to that he did not want to use on his dog because he felt the Brovecto was responsible for his dog's condition. He said he is concerned about what he is seeing on social media. The pattern has chronic allegies and indelenance to chicken, but is otherwise healthy, He has not received any other medication since Bravecto. The veterinarian does not feel Bravecto has anything to down this. No further information is expected. (Reason for use for product: Generic: FURALAMER CHEW TABLETS Brand: BRAVECTO 1400MG 3X1718 570 Reason: *Ctoparasitic control Generic: CRIMNE LEPTO*4 (2016) S PUS/NB Brand: NOBIVAC LEPTO 4 2SXLDS MRK Reason: Vaccination] [Sate of health: Good]	Labrador Retriever		BRAVECTO 1400MG INTTRA 570- 11/A/N/A, 24.1 Tablets Not applicable 1 Animal (07/07/2017- 07/07/2017-88-RN-0BIN/C LEFTC 0.25XLDS MRK - 1JN/A,N/A 1,01,ct 2.1 Animal (07/07/2017- 07/07/2017)=BR>6BR>	
NOBIVAC L4	CAN-USMERIAL-17CA000575	Canada	Animal	Canine/dog	4 Month(s)	21/03/2017	10/04/2017	1 1	05/04/20	17 Yes,-GR->GR->GR->GR->GR->GR->GR->GR->GR->GR-	Vocalisation,Increased heart rate, Epilegic seturn,Fami in the mouth,Joss of consciousness,Spasm,Lethargy (see also Central nervous system depression in 'Neurological'),Ataxia	No Data	Suspected Adverse Event. As reported by attending veterinarian, Maya, 5 months (born on 07 Nov 2016), 23 40 pound, canine, retriever leadardy relievally, intelled (remale, was administered in good health by owner NEXMAD 68 mg (AB1254/158, Jun 2017, Pt.) 1, clube) on 02 Apr 2017. Previously, she was vaccinated by DVM with Nobbuse (pelo of (02171169, 5c, right find leg, unidose, 1 mil poin 21 Mar 2017. 3 days after administration of the NEXMAD 68 mg, on 05 Apr 2017, the owner called and reported that Maya experienced elegisplicifion crisis. She had passma and white mount discharge with loss of consciousness. After the crisis, Maya yelled after the owner. She had 2 crisis during 2-3 minutes in total. She came back to normal later 4 hours. The pet went for a recheck. A bloodwork was performed with no significant abnormalities. Maya experienced another crisis during the night. The pet layed down, with increase heart rate and severed not there. The owner was adviced to administer Valunia (2 mil, 1 On 6 Apr 2017, Maya was doing well, but the owners were still worried. She was started on Phenolabritatio. On 6 Apr 2017, Maya was flosing well, but the owners were still worried in the strate of the predication of the Apr 2017, Maya was flosing as the stage and disack. On 10 Apr 2017, Abya we she shop well. She may be a shop well as the stage of the contribution of the product. Secret. ArXIVOLANIER 68 MC LEVIRAGEL TABLETS Sand LEVIRAGAD 68 mg Reason. Plea and Tick Treatment. Generic: Brand. Noblese lepto 4 Resson. Routine vaccination) (State of health:	Labrador Retriever	13.336	NEXCARD (68 mg) - 1.N/A.N/A.24.1 Dose 1 Animal (20/4/2017- 02/04/2017-688888-Nobbwa lepto 4 - 1.N/A.N/A.24.1 Dose 1 Animal (21/03/2017- 21/03/2017)-688-488-	
NOBIVAC L4	CAN-USMERIAL-17CA001341	Canada	Animal	Canine/dog	9 Year(s)	08/06/2017	19/06/2017	1 1	09/06/20	17 Yes, <er> R> GRP>GRP>GRP>GRP>GRP>GRP>GRP>GRP>GRP>GRP></er>	Digestive tract disorder NOS	No Data	Suspected Adverse Event: As reported by veterinary technician, Pinky, 9 years (born on 14 Sep. 2007), 7 Magoram, carnier, Chiumbana, spayed female, was vecknated ingo doth eabilty DVIV with IMMAB 3TT (18315, 05 Nov 2017, 5C, right hind leg, unidose, 1 ml.) and Nobbac Lepto (02171173, 15 Nov 2018, 5C, left hind leg, unidose), 1 ml.) and Nobbac Lepto (02171173, 15 Nov 2018, 5C, left hind leg, unidose), 1 ml.) on 03 Jun 2017, 4 Nove and wintered by owner HEART CARD-30 PLUS 68 mcg(68C0641, 5ep. 2018, Po. 1, 1 cube) and NEXCARD 2.8 a mg (AA1855/168, Jun 2019, Po. 1, 1 cube) and set of the product again. The owner group et on 1.9 Jun 2017 and no clinical signs were reported. Pulvey was otherwise drolly well. She has already received all products before with no problem and did not react. Pinky recovered on 09 Jun 2017 whoth treatment. Nor nore information repreded. UPICHE 1C 27 Jul 2017. According to the medical record received, the dog level is Daschund (Teckiel). Changed in the Patients Window. (Reason for see for product Service). Medical Pulvey 1 July 2017. UREMECT HIND/PROMATE. PMADATE CHEWABLE 68McG/153McG Israch HEART-GADD PLUS (68 McG/57 Branch INXXAMD (28.3 mg). Reason: FleayTick contr Reason for use truncated. [Sate of Jaskith: Gandle 1.38McColora.]	Dachshund (Standard) Smooth- haired	7	HEARTGARD PLUS (88 MCG/S7 MG)- LI/A/NA/A 24.1 Dose 1 Animal (09/06/2017-09/	
NOBIVAC L4	CH-NLINTVINT-2013-CH-00125	Switzerland	Animal	Canine/dog	9 Month(s)	12/07/2013	22/07/2013	1 1	0 12/07/20	13 Yes, <e R> Yes</e 	Swollen face (see also 'Skin')	No Data	SAB: 3 cases had been recorded by the same vet 2013-CH-00126, 2013-CH-00127 A Pinscher received his first vaccination (Nobbox DEPR + 1 cepto 6 in 12 Jul 2013). On how late her he reacted with a massively swollen head. It was treated with Deea and Cetrin. The symptoms resolved. [Reason for use for product. Generic: LOPEP IV S Reach / NOBIVAC DEPR 10015-05 440 Reason: Vaccination Generic: LEPTO*4[LT,CAN,GRIPP_BRAT] XB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination [State of health: Good]	Other Canine/dog	3	NOBINAC DHPP IDXIDS 440 - 1,1/N,A/N,A/2,4,1 Dose Once 1 Animal (12/07/2013- 12/07/2013)+BR>-BR>-NOBINAC LEPTO 6 10X1DS 440 - 1,N/A,N/A ,10,1 ml Once 1 Animal (12/07/2013- 12/07/2013)+BR>-SBP>	

	,												
	CH-NLINTVINT-2013-CH-00126	Switzerland	Animal	Canine/dog	1.5 Year(s)	05/07/2013	22/07/2013	1 1	0 05/07	2013 Yes	Urticaria,Swollen face (see also 'Skin'),Skin swelling	No Data	SAR: 3 cases had been recorded by the same vet 2012-16-00123, 2013-61-00127 A Dwarf-Pinscher Miniature 3.75 N00INCLEPTO 6 10XID5 440 - received his vaccination (holivabuc Lepto for 5 of 3 L2 013.01 not hour late he reacted with threas and control in the control
NOBIVAC L4	CH-NLINTVINT-2013-CH-00162	Switzerland	Animal	Canine/dog	2 Month(s)	11/09/2013	16/09/2013	9 9	0 12/09	2013 Yes, R> Y		No Data	ADR: Nime Mallinois-pupples (Zamale, 7xfenale, born 10.1uly, 2013), Hab been dewormed on the 15.8p. 2013 with Smith and vaccinated on the 11.8p. 2013 with Smith and vaccinated on the 11.8p. 2013 with Noblava CPIPPI and Lepto 6. On the 15.8p. 2013 with Noblava CPIPPI and Lepto 6. On the 10.8p. 2013 with Smith and vaccinated on the 11.8p. 2013 with Smith and vaccinated on the 11.8p. 2013 with Smith and vaccinated on the 11.8p. 2013 with Smith and Vaccination (Reson for vaccination). Reason for vaccination Generic: LEPTO 4 IDICTAM, GRIPP BRAT XB Brand : NOBIVAC LEPTO 6 IDICIDS 440 Reason: Vaccination) [Sate of health: Good) 11.9p. 2013-11.0p. 20
NOBIVAC L4	CH-NLINTVINT-2013-CH-00167	Switzerland	Animal	Canine/dog	Not Known	19/09/2013	23/09/2013	1 1	0 19/09	2013 Not Known, 1 > 4BR>6 Not Known	Vomiting_Urticaria,Facial oedema R >>	Not Known	ADR (Peported via authorities): A Boxer (male, 4 years) was vaccinated on the 15 Sep. 2013 and developed massive intertion, facial obertion and vioraling. Therepresents of the Vicebenzamin run. The symptoms resolved. (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI DIDDGS 440 Reason: Vaccination Generic: EPPOT vibro. (TAM, RMPPBRAT) KB Brand: NOBIVAC LEPTO 6 10X1D5 440 Reason: Vaccination (Series: EPPOT vibro. (TAM, RMPPBRAT) KB Brand: NOBIVAC LEPTO 6 10X1D5 440 Reason: Vaccination) [State of health: Unknown] State of health: Unknown]
NOBIVAC L4	CH-ALINTVINT-2013-CH-00169	Switzerland	Animal	Canine/dog	5 Month(s)	31/07/2013	27/02/2014	1 1	0 15/09	X013 Not Xnown, GR>-d > -GBR>-GBR>-G Not Xnown, GR>-d Xnown, GR>-d Not Xnown, GR>-d Not Xnown, GR>-d Not Xnown, GR>-d Not Xnown		Not Known	SIEE: The Labrador was vaccinated with Canigen SHPP/L (Whatc. Lot. SIEE, Exp. Nov. 2013) on the Labrador III.1/m.2013 and Whit Noblova Lepto 6 and Noblova CHPPF on Oblat J.2013 and SIII. J.2013. 11.11.m.2013 and with Noblova Lepto 6 and Circuit fair. Size. 9.013; presented at the private veterinarian: Anotherina — referred to the animal clinic Diagnosis: Leptospicos with anuric acut renal fairlier. Lung beening sight involvement or the liver Blood chematry. Kres 95 sum Unit. J. Les 5.7.7 mmol/l, Ploatsium 7.03 mmol/l Positive light III.5/m.2013.14strator. Size. 9.013 MAT-Serology on seropropus 1.85, po.013 MAT-Serology on Seropropus 1.100 Leptospira Reposition 4.1100 Leptospira Intervalve active 1.100 Leptospira Intervalve Carlo 1.100 Leptospira Intervalve Carlo 1.100 Leptospira Intervalve Carlo 1.100 Leptospira Intervalve Carlo 1.100 Teatory in Remondalysis, antibiotics, Cleptospira Battalise 1.100 Teatory in Remondalysis, antibiotics, Cleptospira Propreser 5.1100 Teatory in Remondalysis, and Remondalysis, ana
NOBIVAC L4	CH-NLINTVINT-2013-CH-00178	Switzerland	Animal	Canine/dog	2.2 Year(s)	16/09/2013	09/10/2013	1 1	0 07/10	2013 Yes, Yes		No Data	SAR: The day had been vaccinated with Nobivac Lepto 5 on the 15 Sep. 2013 and on the CO CO.2013 Other 13.5 NOBINEC DIPPET DIXXDS 640 - LANA/NA/A 24 Does Note 1.0 Months of the Control Administration of the Control
	CH-NLINTVINT-2013-CH-00186	Switzerland	Animal		8 Month(s)		29/10/2013	1 1	0 13/10	2013 Yes,⊄BR>≺BR> R≻≺BR>≺BR>Y	s efficacyAcute renal failure,Agathy,Elevated liver enzymes,Elevated renal parameter enzymes,Elevated renal parameter	No Data	\$\$18.ET. The Labrador was vaccinated with Noblavac Lepfo 6 and Noblava CDFFF on 24 Jan 2013 and 15 Jal Not Applicable Not 2013. 3 do 21 2013. which special society of the property of the Not 2013. 3 do 21 2013. 2 do 2103. 3 do 21 2013. 2 do 21 2013. 4 do 21 2013.
NOBIVAC L4	CH-NLINTVINT-2013-CH-00187	Switzerland	Animal	Canine/dog	4 Month(s)	24/10/2013	28/10/2013	1 1	0 25/10	2013 Not Known	Behavioural disorder NOS,Facial paralysis,Dehydration,Swallowing difficult	Not Known	SAR: The day was vaccinated the second time on the 26 Oct 2013 and showed a strange glance like the private vet on 28 Oct 2013: it showed dehydration, "hanging" skin in the face (PedDRA-coded as "facial paralysis"), had problems with swallowing. As the dag ate a dead animal on the 24 Oct 2013 the private vet will treaf for Solution-Incolon. No more information is expected. (Beason for use for product: Generic LEPTO*4(ICT,CMA,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10XLD5 440 Reason: Vaccination State of health: Valkowing.
	CH-NLINTVINT-2013-CH-00189	Switzerland	Animal	Canine/dog	8 Year(s)	21/10/2013	29/10/2013	1 1	0 21/10	2013 Not Known, <i > <b Not Known</b </i 	Vomiting.Apathy,Pancreatitis,Shive R ing >	r Not Known	Supercted adverser reaction (reported via suthorities): 10 Oct 2012: the dog was vaccinated with Nobivac Lepto 6 and Nobivac Lepto 12 Oct 2013: the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 21 Oct 2013: the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac Lepto 6 and Nobivac P Some hours after vaccination on 22 Oct 2013 the dog was vaccinated with Nobivac P Some P S
NOBIVAC L4	CH-NEINTVINT-2013-CH-00195	Switzerland	Animal	Canine/dog	3 Year(s)	20/09/2013	12/11/2013	1 1	0 17/10	2013 Yes, Yes, R> R	8 Lymphopenia, Neutrophilia, Adipsia, S-Polydipsia, Recursophilia, Adipsia, S-Polydipsia, Recursophilia, Anorex a, Polydipsia, Recursophilia, Polyuria Anorex a, Proprioception abnormality, Elevated liver enzyments of the Polytics and Polyt	, No Data	SAR: 23.6-p. 20.13. The dog was vaccinated with Noblavic Lepto a 11. Oct. 2013. The day of was vaccinated with Noblavic Lepto and Noblavic Lepto a

NOBIVAC L4	CH-NLINTVINT-2013-CH-00199	Switzerland	Animal	Canine/dog	6 Year(s)	18/09/2013	23/11/2013	1 1	0 05/11/2	R> Ye	Vomiting-Fever, Spleen hypertrophy, Apathy, Swollen lymph node, Abnormal radiograph finding	No Data	SAR: A flat coated Retriever was vaccinated with Noblava CHPPI and Noblava Lepfo 6 on 18 Sep 2013 and boostered with Noblava Lepfo 6 on 26 Ct 2013. It started with sight vomiting on 65 Nov 2013. After five days he was a bit apathic and showed fever on the morning, but temperature came down to 3PC during the day. The Private Vet did Air-yap to find a bronch-investriatial lung pattern and an enlarged lymph node. The ultrasound of the Abdomen just revealed a big paleen. The FNA results were normal. The day are streaded with Classreptin, Natrocy of and Bayrir place Cottons and Zaretic. The symptoms stayed the same. The private vet has the suspicion of a tumor. No more information is expected. [Reason for use for product. Genetic: DPFIP 1 V [Brant. NDBIVAC LEPTO 6 10x105 (Reason: Vaccination Genetic: LEPTO*4QTC,CAN/GBIP/BRAT) KB Brand: NDBIVAC LEPTO 6 10x105 450 Reason: Vaccination Genetic: LEPTO*4QTC,CAN/GBIP/BRAT] KB Brand: NDBIVAC LEPTO 6 10x105 450 Reason: Vaccination (State of health; Good!	Flat-coated Retriever	26	NOBWAC DIPP 10x105 440 - 1,1/k/M/2,42,10 come 1 Avimal (18/09/2013 - 1	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00031	Switzerland	Animal	Canine/dog	12 Week(s)	24/10/2013	21/02/2014	1 1	o 30/10/2	113 Not Known, <bi> <br< br=""><br< br=""></br<></br<></bi>	Anaemia NOS,Spleen and reticulo- endothelia s lystem disorder NOS.Abdominal pain, Vennisig, Nephropathy, Renal disorder NOS, Uraemia, Abnormal ter. Control of the Control of the Control of rends. Electrical control of control of the Control of the Control of th	Not Known	SAR. Avet was vaccinating a puppy on 24 Oct 2013 with Noblace DHPP and Noblace Lepto 6. On 30 Oct 2013 does not presented at the vet with renal problems, Does was referred to animal hospital. Does was referred to pose as referred to pose as referred to animal hospital. Does was received to 2013 to year year reserved at the Use place of the problems	Other Canine/dog	Not	NOBWAC DIPP 100.105 440 -	
	CH-NLINTVINT-2014-CH-00037	Switzerland	Animal	,,,,,	6 Month(s)	09/12/2013	18/03/2014	2 2		D13 Yes, < R> Ye		No Data	SAR. Two Dogs were vaccinated with Nobloac Lepto 6 and Nobloac DHPP on 9 Dec 2013. According to the owner one Gold, Chinhahua) stated to show signs of a pathy, shewing the same day and was voniting. Dog was presented as emergency in another vet clinic (no details available) and was receivering within some days (searcd state not known). The other dog (Nobward) was worsting but no treatment was necessary. Dog recovered within one day. The same vet reported Case 2014-CH-00028. [Reason for use for product. Generic DHPP IL VB rank. NOBIVAC LEPTO 105 10X1D5 440 [Reason for use for product. Generic Good Good!]		3	NOBINAC DHPPI IOXIDS 440 - 1.N/A/N/A, 24,1 Dose Once 1 Animal (90/12/2013 - 90/12/2013 - 190/12/2013 - 190	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00040	Switzerland	Animal	Canine/dog	8 Year(s)	10/03/2014	27/03/2014	1 1	0 12/03/2	014 Not Known	Diarrhoea, Vomiting, Hyperthermia, J pathy, Uncoded sign, Haematuria	A Not Known	SAR: One dog was succinated with Noblack Lepto 6 and Noblack File on the 17 Feb 2014, second was excitation with Noblack Lepto 6 on the 10 Mar 2014. According to the owner, dog started to show apathy and vomitus two days later. Dog was presented to the vet on 19 Mar 2014, dog showed darrhes, vomitus, hyperhermia. Dog was treated with Pasquerii. Since clinical signs continued, dog was presented on the 21 Mar 2014 again. Dog showed darrhes, vomitus, hyperthermia, apathy and hematuria. Amylase 2000 U/I (reference walke < 1500 U/II) Mar stroolly greating. Lantislawa Titer 1. 2001. Common Titer 4.1:001. gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 1.2001. Common Titer 4.1:001. Gripophyplosa Titer 1.1001. australis Titer 4.1:001. Australis Titer 4.1:001. Gripophyplosa Titer 1.1:001. Australis Titer 4.1:001. Australis Titer 4.	Crossbred	Not Known	NOBWAC LEPTO 5 IDXIDS 440 - 1,1/k/M/2, 24,1 Dec Once 1 Avimal (10/03/2014-10/03/2014)-BR- 	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00043	Switzerland	Animal	Canine/dog	7 Month(s)	23/10/2013	17/04/2014	1 1	0 06/03/2	NO, BR>CBR>NO	Leucopenia J, mphadenopathy, Abd ominal pain, Diarrhoea, Gastroenteritis, Von iting, Anorekai, Lack of efficacy, Apathy, Ahnormal test result, Prolonged capillary refill time, Abnormal ultrasound finding, Weak pulse	I Other	SLEE: The puppy was vaccinated with Nobiose Parvo on the 19 Sep 2013. On the 7 Oct 2013 and the 22 Oct 2013 the day as additionally vaccinated with Nobiose DiPPP and etge 16. On the Safe 2014 day was setting a bone quite fast and started to show disrrhes and vomitting on the 6 Nar 2014. Dag was not eating, 0.0 This 2014 day gas wormling and showed disrrhes again. Yet was treating with antiemetils but dag was not recovering. On the 9 Nar 2014 day was referred to animal bostpatil. Dag showed pathyr, prolined epalliary return, week pulse, abdominal pain. Blood analysis showed leukopenia. Ultrasound: Gastroenteritis and reactive meserenter (high modes: PRG analysis: Rowel eukopenia. Ultrasound: Gastroenteritis and reactive meserenter (high modes: PRG analysis: Rowel Far analysis: The Fire Result was positive for Over 2.0 a hand c. No more information expected. [Reason for use for graduct: Generic: ChiPPI US Grand. NOBRIVAC LEPTO 6 10XLDS 440 Reason: Unknown. Genetic: LEPTO 4 (CLANGRIP-PRAT) KB Rand: NOBRIVAC LEPTO 6 10XLDS 440 Reason: Unknown.] [State of health: Unknown]	3 Labrador Retriever	Not Known	NOBWAC DIPPS 10X105 x40- 1,1/k/A/J, 2,4 10x 0 cmc 1 Avimal (16 Day(1) 23/10/2013- 23/10/2013-88-88-80-NOBIVAC LEPTO 6 10X105 x40- 1.N/A,N/A 2,4 10x6 Cvc 1 Avimal (23/10/2013-23/10/2013)-48r-<8r>	
	CH-NLINTVINT-2014-CH-00072	Switzerland		Canine/dog		02/05/2014	05/05/2014	1 1		D14 Not Known, BI > BR>CBR Not Known	Tachycardis,Circulatory collapse (see also 'Neurological' and 'Systemic disorders', Diarrhoea,Vomiting,Ana phylactic-type reaction,Haematochezia	Not Known	SAR. A dog, that was not vaccinated for several years, was vaccinated with Nobinac DIFFR/Legiod on A Apr 2014 and 2 May 2014 and reacted anaphylactic within one to two minates after the second rejection. The dog workled, had dearher, tachycards and a cardiovascular collapse. In the next hour the dog showed hematocheais. The dog was hospitalized and monitored for his vital functions. The dog was treated with Adrenalin I.v., Demethasoneiv V./in. I.v. infusion and oxygen supplementation. Within 6-8 hours after vaccination, the dog recovered and vital functions normalized and was released from the hospital. 3 days later, the dog was completely normal floranse general condition, No more information expected. [Reason for use for product: Generic: DIPPIP I.V Branck NOBINAC DHPPI IOXIGS 440 Reason: Vaccination General: EIPTO*4(ICT, NGR)PPSRAT) XB Brand: NOBINAC DHPPI 6 10XIGS 440 Reason: Uniknown.] [State of health: Unknown]	Terrier	Not Known	NOBWAC LIPPS 100105 440 - 1,1/A/M/A 2,1 Dose Once 1 Animal (02/05/2014- 02/05/2014-08R-NOBIVAC LIPPTO 5 100105 440 - 134/A/M/A ,24,1 Dose Once 1 Animal (02/05/2014-02/05/2014)-BR>-BR>	
	CH-HLINTVINT-2014-CH-00077	Switzerland	Animal	Canine/dog	9 Month(s)	31/05/2013	08/05/2014	1 1		014 No./BR>-BR>-GR R>-BR>-BR>-MO -BR>-BR>-BR>-BR>-BR>-BR>-GR>-BR>-GR>-MO Known	efficacy	Not Known	SLEE Same wet was reporting also case 2014-CH-00043. This vet is treating future guide dogs. The dogs are breed in the guide dog school in this case, the dog flazhador, m. entire, O-ZAP, 2013) was vaccinated on 16.May, 2013 with Noblace, Paroo and on the 31.May, 2013 with Noblace, DeParl Parl Noblace, Lepha Tele the weeks, pupple is an entrusted to folter cares (also known as "pupply walkers") who look after the young Gogs for twelve to fifteen months, i.e. until training begins. The dog was therefore moved to a foster carer and the vet at the new place was vaccinating the Gog with Canigor SHAZPP(I, ad us. vet. on 25.Jun 2013. On 17.Jan, 2014 the dog showed diarrhoea and vomitus. Dog was received the state of the control of the con	Labrador Retriever	Not Known	Canigen SHAZPPI/L ad us. vet. 1,1/1/A/J/A,24,1 Doce Once 1 Avimal (25/06/2013— 2	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00079	Switzerland	Animal	Canine/dog	7 Year(s)	06/05/2014	12/05/2014	1 1	0 06/05/2	Not Known, SI > SR>SR Not Known		Not Known	SAR: Dog was vaccinated with Nobwac DHPP and Lepto6 on 6.May, 2014 and started to heavily vornit on hour after. The log showed a severe apathy at this moment and a reduced body temperature with 27.9 degree Celsius. The dog was treated with Cerenia, Dexamethasone, intravenous ringer loctated fluid and Zamic (Familiatile). On the next 40 (7.May, 2014, 104 dog was still pashibit, had diarrhea and developed red plaques on the thorax, abdomen and the medial face of the thigh. These plaques got begin rise are more red, so they referred the case to the armain hospital, where I was diagnosed with vasculitis and treated with prediscione per or. The dog improved and was able to leave the hospital on 8.May, 204. On 12.May, 2014, the dog is doing well, just seems to be at little bit more tied than usual. No more information expected. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC DHPI DIUDS 440 Reason: Cucination Generic: LEPTO 4(ICT,AM,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 (DIXLDS 440 Reason: Unknown.) [State of health: Good]		4	NOBWAR-DHPP 100.005 440 - 1.11/A/N./A, 24.1 Docs Once 1.6 minsl (96/05/2014- 106/05/05/2014- 106/05/05/2014- 106/05/05/2014- 106/05/05/2014- 106/05/05/2014- 106/05/05/05/05/ 106/05/05/05/ 106/05/05/05/05/ 106/05/05/05/05/ 106/05/05/05/05/ 106/05/05/05/	

	CH-NLINTVINT-2014-CH-00083	Switzerland	Animal	Canine/dog	6 Month(s)	29/11/2013	14/05/2014	1 1	0 29,	>< No	ot nown,
BR> ot Known</br 	Diarrhoea,Vomiting,Dyspnoea,Hypo thermia,Stupor,Circulatory shock,Abdominal pain	Not Known	SAF. Dog was vaccinated on the 29 Nov. 2013 and showed acute vomitting and watery diarrhee on the same day. The dog deteriorated with hypothermia, shock, tappon, depones and abdominal pain. The dog was treated with ringer lactated intravenous fluid, Desadreson, adenasine, Dimazon, Ranitidine and Buscopan. The dog improved quickly and recovered completely. No more information expected. (Reason for use for product: Generic DIPPIT LV Strand: NOBIVAC DIPPI IXXIDS 440 Reason: Vaccination Generic LEFOT*d(TC.AMG,REPBRAT) XB Brand: NOBIVAC LEPTO 6 IXXIDS 440 Reason: Unknown.] [State of health: Unknown]	Other Canine/dog	Not Known	NOBIVAC DHPPI 10XIDS 440 - 1,N/AN/A, 24,1 Dose Once 1 Animal (29/11/2013 - 29/11/2013 - RB-NOBIVAC LEPTO 6 10XIDS 440 - 1,N/A,N/A 24,1 Dose Once 1 Animal (29/11/2013 - 29/11/2013 - BR->BR->	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00120	Switzerland	Animal	Canine/dog	2 Year(s)	06/11/2013	05/08/2014	1 1	0 27/	05/2014 Ye	25	Bloody diarrhoea/vomiting-Polyuria,Decrea sed appetite,Jack of efficacyAbnormal test result,Azotaemia	No Data	SIEE: Dog was vaccinated with Nobwac Lepto6 on 15 OCT 2013 and 06 NOV 2013. Dog was presente to tove on 27 MAY 2014 because of vointing and bloody darrines. Bloodworks invoced that the dog plan an elevated hematocrit (\$4.75, reference value 37-55%), azotemia (creatinine 896mnoV) (ref. 44-159mnoV), luve a 34-3 mnoV, 16/e1. 2-5, 6 mmoV). John dah a high phosphore in Caramoto (14.75, 2 mmoV). John dah high phosphore in Caramoto (14.75, 2 mmoV). While hematocrit decreased to a nomial of 40%. 30 MAV 2014 bloodwork remained about the same. 31 MAY 2014 creatinine and urea were stable high, serology for leptospirosis was negative for all move a foreign services. At that the dog stated to be opportive. 20 JUN 2014 bloodwork removed (creatinine 642mnoV), urea 23 6mmoVI, phosphore 1.95mnoVI, forormal), hematocrit 52%, 4.1un. 2014 skidney values improved further (creatinine 640moVI, urea 13 6mmoVI, June 215 4mmoVI), to one tilm extramovil 15.5 mmoVII, one 50 million 15 million	d Crossbred	Not Known	NOBHACLEFTO 6 10X1105 440 - 11/N/N/A/ 2.4 1 0050 fince 1 Animal (05/11/2013-05/11/2013)-GR→GR→	
NOBIVAC L4		Switzerland	Animal	Canine/dog		30/06/2014	08/08/2014	1 1		R: <e BF</e 	es, >BR> Yes, BR> >CBR> </b 	Cough, Death, Anorexia, Ascites, Apat hy		SAR: Dog was vaccinated with Nobwac DHPP, Nobbuse CK and Nobbuse Lepto 6 no 30 Jun 2014. The health status of the dog prior to saccination is unknown. On the 3 Jul 2014 dog bowed persistent rough deep coughing and was treated with Syndox (Arnoxicillin-clavulanic acid) and Metacox (Melosicam). Coughing disappeared about one morth later. One week later dog howed apathy, anorexia, sacties and the vet had the suspicion of a cardiomyopathy. The dog then died on the 7 Jul 2014. No more information expected. [Reason for use for product: Generic: DHPP1 US Brand: NOBBNAC DHPP1 10X1D5 440 Reason: Unknown. Generic: EPP7 204(T.C.AM,GRIPP BARTA) 18 Brand: NOBBNAC LEPTO 6 10X1D5 440 Reason: Unknown.] [State of health: Unknown]	Border Terrier	Not Known	NOBINAC DHPPI IDXIDS 440 - 11/N/N/A/2 A1 Dose Once 1 Animal (30/06/2014- 30/06/2014-	
	CH-NLINTVINT-2014-CH-00160	Switzerland	Animal	Canine/dog		04/08/2014	13/08/2014	1 1	0 05,	'08/2014 Y∈	es	Vomiting.Renal failure,Fever,Apathy,General illness	No Data	SAR: Case reported to us by national authority that a dog was vaccinated with Nobivac Lepto 6 on 4 Aug 2014. Beginning on the next day the dog showed fever and apathy, but still also on the 7 hag 2014 the dog worsened in general condition and started to vomit. The dog was then sent to dialysis and got better after? days of treatment. The suspicion is acute renal failure because of leptospirosis. Other information not available. No more information expected. [Reason for use for product: Generic: LEPTO*4(CT_CAN_CRIPP_BRAT) KB. Brand: NOBIVAC LEPTO 6 10XLDS 440 Reason: Vaccination] [Stat of health: Unknown.	Welsh Corgi Cardigan	Not Known	NOBIVAC LEPTO 6 10X1DS 440 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (04/08/2014-04/08/2014)<-BR><-BR>	
NOBIVAC L4	CH-NLINTVINT-2014-CH-00175	Switzerland	Animal	Canine/dog	14 Week(s)	02/09/2014	09/09/2014	1 1	0 02/		es, > Yes</b 	Injection site scratching. Vocalisation, Pale mucous membrane, Reduced responses, Urination, Tiredness	No Data	SAR: A princher puppy, 14 weeks old, was vaccinated on 2.5ep, 2014 with Nobbac DHPPI and Nobbac Lepton. About 3-76 seconds after the injection, the dog started to scratch at the injection site and vocalized like it was in pain. This lasted for a couple of minutes, then the dog was normal. After 5 days 7.5ep. 2014, the dog lost urine during the night and was not responsely was staying at the ver's house; showed pale mucous membranes and shouted out loud. The vet went to the animal hospital, on the way (approx. 20 minutes) the dog got response. Blood glucose was normal, lattrasound of the heart was normal. The dog recovered without treatment, was very tired the next day. On 5.5ep, 2014 the do is completely normal. No more information expected. [Reson for use for product. Generic DHPPI UB Brank NOBHAC DHPPI 100103 440 Reason: Vaccination Generic: LEPTO*4[CT_CAM_GHPP_BRAT] Kall Brank NOBHAC LEPTO 6 LIXIOS 440 Reason: Vaccination [State of health.] [State of health.]	Miniature Pinscher	Not Known	NOBINAC DHPPI IDXIDS 440 - 1,1/A/N/A/ 2.4 1 Dose Once 1 Animal (02/09/2014- 02/09/2014-BR>-SBR>-NOBIVAC 02/09/2014-BR>-SBR>-NOBIVAC 2.4 1 Dose Once 1 Animal (02/09/2014-02/09/2014)-BR>-SBR>-	
	CH-NLINTVINT-2014-CH-00178	Switzerland	Animal	Canine/dog	2.5 Year(s)	20/08/2014	11/09/2014	1 1	0 20,		es, > Yes</b 	Facial swelling (see also 'Skin'),Trembling,Limb weakness	No Data	SAF. Dog was vaccinated with Nobine CRIPPS and Nobine: Leptos on 20 Aug. 2012 and about 2 hours tabler, the dog showed a soulder face, was treating and have weak hold links. The dog was given non homeopaths globules. The symptoms dissolved within a couple of hours, the next day the dog was some and the common of the couple of hours, the next day the dog was someal. No more identified in [Reason for use for product: Generic LIPPI UP Brand: NOBINAC DHPPI IDXIDS 440 Reason: Vaccination Generic: LEPTO*4(CT_CAM_GRIPP_JBRAT] KB Brand NOBINAC LEPTO 6 10XIDS 440 Reason: Vaccination Generic: LEPTO*4(CT_CAM_GRIPP_JBRAT] KB Brand	Pug	8.5	NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (20/08/2014- 20/08/2014-BR>-KDBIVAC LEPTO 6 10X1DS 440 - 1,N/A,N/A 24,1 Dose Once 1 Animal (20/08/2014-20/08/2014)-BR>>BR>	
	CH-NLINTVINT-2014-CH-00181	Switzerland	Animal			01/09/2014	16/09/2014	1 1		Ro	es, BR>Yes</b 	Confusion,Urine leakage		SAR: Dog was vaccinated with Nobinec IDHPP and Nobinec Lepto 6 on 1.5ep 2016 and 8 days after the vaccination the dog was found in the morning laying in its own unine and for the owner behaved confused. The dog was not seen siteuring, but it is the vet's suspicion, especially because last year after the same vaccination the dog seizured 2 days later (not reported last year, case 2014-CH-00182). Between these two vaccinations, the dog never showed any seizure activity. The dog was otherwised normal and has recovered (9 Sep 2014). No more information expected. [Reason for use for product Generic: DPRP I V Brain: NOBINIAC DIPPI JOIDTS 640 Resson: Vaccination Generic: LEPTO*QICT_CAN_GRIPP_BRAT] NS. Brand: NOBINIAC LEPTO 6 10X1D5 440 Reason: Unknown.] [State of health: Good of health of the control of the product of the product of health of the control of the product of the p	Poodle er		NOBINAC DHPPI IDXIDS 440 - 1.N/A.N/A, 24,1 Dose Once 1 Animal (01/09/2014- 01/09/2014)-BR>- BB-NOBINAC LEPTO 6 1DXIDS 440 - 1.N/A.N/A, 24,1 Dose Once 1 Animal (01/09/2014)-UPS - 1.N/A.N/A BR>- 1.N/A.N/A - 1.N/A.N/A.N/A - 1.N/A.N/A - 1	
	CH-NLINTVINT-2014-CH-00182	Switzerland	Animal			01/09/2013	16/09/2014	1 1		Ra	> Yes	Epileptic seizure		SAR: Dog was vaccinated with Nobiasc DHPPI and Nobiasc Lepto 6 approximately Sep 2013 and 2 day after the vaccination the dog was setting. This was now reported, as the dog susposedly again reacted after this years vaccination (in 2014, case 2014-CH-00181). Between the two vaccinations, the dog never showed seture activity. No more information expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC DHPPI 100/IDS 440 Reason: Vaccination Generic: EETO*4[ICT.ANG.RIPP.BRAT] XB Brand: NOBINAC LEPTO 6 IDXLDS 440 Reason: Unknown.] [State of health: Good]	Miniature Poodle e		NOBIVAC DHPPI 10XIDS 440 - 1,1/A,N/A,24,1 Dose Once 1 Animal (01/09/2013 - 01/09/2010 - 01/09/2010 - 01/09/2010 - 01/09/2010 - 01/09/2010 - 01/09/20	
NOBIVAC L4	CH-NLINTVINT-2015-CH-00054	Switzerland	Animal	Canine/dog	7 Year(s)	12/03/2015	18/03/2015	1 1	1 12/	R> <e< td=""><td>es, es,<br< td=""><td>Pale mucous membrane, vomiting.Respiratory arrest, Death, Weakness, Lateral recumbency</td><td>No Data</td><td>SAR. Dog was vaccinated with Nobwac DHPP and Nobwac Lepto 6 on the 12. Mar. 2015. 3-4 minutes after injection dog started to ownist and showed weakness, unsteady gait and pale microus membranes. Dog moved to lateral position. Vet was immediately initializing therapy and tried to inject. Contison but dog showed respiratory arrest. Desight reanimistion and treatment with Adresulla, long died within half an hour. Dog was vaccinated before with Canigen (non Merck product) in 2011, 2012 and 2014 and showed allerge reactions. Therefore we with superietra plans mellitica De Dimenspathic product; concurrently to the vaccine. No more information expected [Reason for use for product product plans of the product plans of the</td><td>Pug</td><td>Not Known</td><td>Apis mellifica D6 - 1,N/A/N/A, 1,0.1 ml office 1 Animal (12/03/2015- 12/03/2015)- BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-</td><td></td></br<></td></e<>	es, <br< td=""><td>Pale mucous membrane, vomiting.Respiratory arrest, Death, Weakness, Lateral recumbency</td><td>No Data</td><td>SAR. Dog was vaccinated with Nobwac DHPP and Nobwac Lepto 6 on the 12. Mar. 2015. 3-4 minutes after injection dog started to ownist and showed weakness, unsteady gait and pale microus membranes. Dog moved to lateral position. Vet was immediately initializing therapy and tried to inject. Contison but dog showed respiratory arrest. Desight reanimistion and treatment with Adresulla, long died within half an hour. Dog was vaccinated before with Canigen (non Merck product) in 2011, 2012 and 2014 and showed allerge reactions. Therefore we with superietra plans mellitica De Dimenspathic product; concurrently to the vaccine. No more information expected [Reason for use for product product plans of the product plans of the</td><td>Pug</td><td>Not Known</td><td>Apis mellifica D6 - 1,N/A/N/A, 1,0.1 ml office 1 Animal (12/03/2015- 12/03/2015)- BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-</td><td></td></br<>	Pale mucous membrane, vomiting.Respiratory arrest, Death, Weakness, Lateral recumbency	No Data	SAR. Dog was vaccinated with Nobwac DHPP and Nobwac Lepto 6 on the 12. Mar. 2015. 3-4 minutes after injection dog started to ownist and showed weakness, unsteady gait and pale microus membranes. Dog moved to lateral position. Vet was immediately initializing therapy and tried to inject. Contison but dog showed respiratory arrest. Desight reanimistion and treatment with Adresulla, long died within half an hour. Dog was vaccinated before with Canigen (non Merck product) in 2011, 2012 and 2014 and showed allerge reactions. Therefore we with superietra plans mellitica De Dimenspathic product; concurrently to the vaccine. No more information expected [Reason for use for product product plans of the	Pug	Not Known	Apis mellifica D6 - 1,N/A/N/A, 1,0.1 ml office 1 Animal (12/03/2015- 12/03/2015)- BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-	

Part Company																		
No. Company	NOBIVAC L4	CH-NUNTVINT-2015-CH-00069	Switzerland	Animal	Canine/dog	3 Month(s)	14/04/2015	26/05/2015	1 1	1 14/04/		o oedema,Death,Hypothermia,Septic aemia,Lateral recumbency,Increased	g Other	vaccinated with Nobivac DIPPP/LS on 14.Apr.2015. After 7 hours the owner called and brought the dop in lateral recumbers, showed salaytion and opisthronus. The dop was treated with Dearmethasons and lactated ringer infusion. The next morning the dop lad a not measurable temperature and died. The dog was imported from Portugal on 29 Mar 2015 and was treated on 31.1Am. 2015 with antibiosis and tolleraminacid because of coughing. After the first cough treatment, the dog showed similar symptoms (lateral percumbency, apathly but recovered within a bort time. Dog was sent in to pathology. Follow up pending. Follow up 26.May. 2015: results from pathology: profound, multifocal chronic-guinder bronton-peneumonia with alveolar oedems and sepsis, recrosis in liver and spleen; persistent fontanella. No more information expected. [Reason for use for product: Generic: CHPPI Ut Branch NOBIANC DHIPPI 2010.154 of Reason-Vaccination Generic: LETPO 14CT, CAM,GRIPP BARIST.	Chihuahua g	0.6	1,N/A,N/A,24,1 Dose Once 1 Animal (14/04/2015- 14/04/2015-18-8R-NOBIVAC (18/07/015)-8BN-8R-NOBIVAC (18/07/015)-800-18/NA/N/A 24,2 1 Dose Once 1 Animal	
Column	NOBIVAC L4	CH-NLINTVINT-2015-CH-00172	Switzerland	Animal	Canine/dog	9 Year(s)	13/07/2015	15/07/2015	1 1	0 14/07/	015 Yes	Unable to stand, Proprioception loss	No Data	14.Jul.2015 (after 24 hours) the dog was brought to the vet because of central neurologic problems (not able to stand, proprioception absent on all 4 legs, facial neves normal). The dog was treated with infusion and dexamethasone and was better within 5 hours, normal after 12 hours. Bloodwork normal No more information expected. (Reason for use for product: Genetic:	Other Canine/dog	Not Known	1,N/A,N/A,24,1 Dose Once 1 Animal	
Process Proc	NOBIVAC L4	CH-NLINTVINT-2015-CH-00204	Switzerland	Animal	Canine/dog	11 Week(s)	07/08/2015	12/08/2015	1 1	0 09/08/			No Data	On 9.Aug. 2015 the dog showed vomiting and disrrhea and was treated with intravenous inficision and metronidazole. Investigation of facecs reveled giardia and is treated with ferbendrazole. Vomiting stopped on the same day, facecs is still soft but formed by 18.Aug. 2015, dog otherwise normal. No more information expected. [Reason for use for product: Generic:DHPPI LV Brand: NOBINAC DHPP IOLIDIS 400 Reason Vaccination Generic:EHPTO*(ICT_CAM,GRIPP,BRAT) XB Brand: NOBINAC LEPTO 6 10X1DS 440 Reason: Unknown.] [State of health: Good]	Bulldog	Not Known	1,N/A,N/A,24,1 Dose Once 1 Animal (07/08/2015-07/08/2015-07/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015-08/08/2015	
Column C				Animal					1 1		R> Ye	is	No Data	Dog was treated with Cerenia (Maropitant), Minalipin (Metamitole) and it infusion and vomiting stopped. One day iden on 13 Aug 2015 the dog started to have darnhes which was treated with metronidazole, Fortiflora (probiotic) and omeprazole. on 17 Aug 2015 the owner reported that the dog was doing fine, faeces still a little soft. No more information expected. (Reason for use for product: Generic: DHPP1 L Viandri MOSIN/AC DEPI 2010.51 440 Resson: Vaccination Generic: LEPTO*4(ICT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10XILDS 440 Reason: Unknown.] (State of health: Good)	Crossbred	Not Known	1,N/A/N/A_4,1 Dose Once 1 Animal (11/08/2015- (11/08/2015	
## ## ## ## ## ## ## ## ## ## ## ## ##	NOBIVAC L4	CH-NLINTVINT-2015-CH-00225	Switzerland	Animal	Canine/dog	17 Month(s)	09/09/2015	09/09/2015	1 1	0 09/09/		B Urticaria, Vomiting s	No Data	98.5ep. 2015 and came back to the vet after 1 to 2 hours because of urticaria and acute vomitus. The dog was treated with infusion, prednisolone and calcium intravenously and Cerenia (Maropitani) subcutaneously. Dog recovered quickly. No more information expected. [Reason for use for product: Generic: DHPPI I.V Brand: NOBINAC DHPPI IDXIDS 440 Reason: Vaccination Generic: LEPTO-4IQTC./AMPRIPRATIA TIB BRAND NOBINAC LEPTO SOLIDIS 440 Reason: Vaccination (State LEPTO-4IQTC./AMPRIPRATIA TIB BRAND NOBINAC LEPTO SOLIDIS 440 Reason: Vaccination Generic:	Pug	Not Known	1.N/A.N/A. 2.4,1 Dose Once 1 Animal (9)/09/2015- (9)/09/2015-(9)/0	
No.	NOBIVAC L4	CH-NLINTVINT-2015-CH-00240	Switzerland	Animal	Canine/dog	3 Month(s)	15/09/2015	14/10/2015	1 1	0 16/09/		B Facial swelling (see also 'Skin') s	No Data	After approximately 24 hours dog was presented to another wet because of a swollen face. Reporter thinks that dog was treated with cortison. Problems resolved and dog has recovered. Owner was reporting this case to the reporter after she received an invitation for the next vaccination. No more information available. [Reason for use for product: Generic: DHPP1 IV Branch NOBIVAC DHPP 0.00154 400 Reason Vaccination Generic: LEPTO*QTC_TAK_GREP_BRATINE Branch KOBIVAC LEPTO 1.00154 400 REASON REA	French Bulldo	g 4	1.N/A.N/A. 24,1 Dose Once 1 Animal 15.09/2015- 15.09/2015-BR-SR-NOBIVAC 1EPTO 6 10X105 440 - 1.N/A.N/A 24,1 Dose Once 1.Animal	
Notification Noti	NOBIVAC L4	CH-Virbac-13 VBSA 02416	Switzerland	Animal	Canine/dog	Not Known	31/07/2013	25/09/2013	1 1	0 15/09/	R> No Known, <br< td=""><td>ot haemorrhage,Lack of R efficacy,Apathy,Liver disorder >> NOS,Hyperkalaemia,Haematochezi</td><td>Not Known</td><td>veterinarian: Started with Netrondazol and Cimetidine. 18.09. 2013: Presented again at the private veterinarian: Assonaire, referred to the naimal clinic. Diagnosis: testposprosis with anurus caute renal failure, lung bleeding, slight involvement of the liver. Blood tests: Creat-205 urnol/ (53-14.5). Vince-57.7 mmol/ (53.4-8,35), Potassium-7.03 mmol/ (3.6-5.8). Positive igM ELISA fast-test MAT Serology (titero-1800 are interpreted as seropositive) L. grippotyphosa <1:100 L. autralis 1.800 c. pomona <1:100 L. barassovi <1:100 L. caricola 1:100 L. icterohaemorin. <1:100 L. hardjo <1:100 L. batavia <1:100 L. barassovi <1:100 L. barassov</td><td></td><td>Not Known</td><td>N/A.1 dose (11/06/2013- N/A/GRSR-NOBIAVC DIPPI - N/A.N/A.N/A.1 dose 13/07/2013- N/A/GRSR-NOBIAVC LEPTO 6 - N/A/A.N/A.1 dose 14/07/2013- N/A/A.N/A.N/A.N dose</td><td></td></br<></b 	ot haemorrhage,Lack of R efficacy,Apathy,Liver disorder >> NOS,Hyperkalaemia,Haematochezi	Not Known	veterinarian: Started with Netrondazol and Cimetidine. 18.09. 2013: Presented again at the private veterinarian: Assonaire, referred to the naimal clinic. Diagnosis: testposprosis with anurus caute renal failure, lung bleeding, slight involvement of the liver. Blood tests: Creat-205 urnol/ (53-14.5). Vince-57.7 mmol/ (53.4-8,35), Potassium-7.03 mmol/ (3.6-5.8). Positive igM ELISA fast-test MAT Serology (titero-1800 are interpreted as seropositive) L. grippotyphosa <1:100 L. autralis 1.800 c. pomona <1:100 L. barassovi <1:100 L. caricola 1:100 L. icterohaemorin. <1:100 L. hardjo <1:100 L. batavia <1:100 L. barassovi <1:100 L. barassov		Not Known	N/A.1 dose (11/06/2013- N/A/GRSR-NOBIAVC DIPPI - N/A.N/A.N/A.1 dose 13/07/2013- N/A/GRSR-NOBIAVC LEPTO 6 - N/A/A.N/A.1 dose 14/07/2013- N/A/A.N/A.N/A.N dose	
NOBIVAC L4 OH-MIRCOMSD-2016-CH-00032 Switzerland Animal Canine/dog 9 Yearly) 15/02/2016 1 1 0 19/02/2016 1 1									1 1		R> Ye	s	No Data	(fits vaccination on 24 Nov. 2015). The dog was possibly pregnant at that time (for about 4 weeks). On 19 Jan. 2016 fabout 3 weeks pregnancy 14 mod gage we thirt to a dead puppy and 4 howed no interest for 11. Owner claimed this came from the vaccination. No more information expected. Follow up 15 Sep 2016: assessment changed from 16 to 0. (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI 10015 440 Reason: Vaccination [Generic: EPTO*4(TLC,TAM,GRP.PRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 4400 Reason: Vaccination] [State of health: Good]	Pomeranian	- Not Known	1.N/A/N/A_24.1 Dose 1 Animal (22/12/2015- (22/12/2015-SRR-NOBIVAC LEPTO 5 IDUXIDS 440 - 1.N/A,N/A 2.42 1 Dose 1 Animal (22/12/2015- 22/12/2015-SRR-SRR-	
R-SBP-Ves lincrease, Peeudopregrancy Pyment ADeath by equilibro (and and pot peeudoptic and peeudopt									1 1		Known, SRX-BR> Not Known	R 'Skin'],Respiratory distress	Known	Lepto & and Nobhac DHPPI. The client's dog was succinated by another vet in 2014 with the combination of Nobiva: Lepto & and Nobivo DHPPI for the first time. Dog was rescriting with swollen throat and respiratory distress. Vet couldn't give more information since it was not his patient in 2014 therefore no more information available. [Reason for use for product: Generic: DHPPI LV Branch NOBIVAC DHPPI 2015 440 Reason: Vaccination [Series: LEPTO*4(IF_CAM_RGMPP.BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 4400 Reason: Vaccination] [State of health: Unknown]	Staffordshire Terrier	Not Known	1.N/A.N/A 2.4.1 Does Not applicable 1. Animal (01/01/2014- 01/01/2014-RRS-MBN-NDBIVAC LEPTO & 100.015-40-1.N/A.N/A 2.4.2 to nes Not applicable 1.Animal (01/01/2014-01/01/2014)-BR>-BR>	
1.5.Feb. 2016 and started to show epiglety: saltures on 19 Feb. 2016 onwards, short ones after excitement of show epiglety: saltures on 19 Feb. 2016 onwards, short ones after excitement of the continuation				Animal					1 1		R> Ye	 increase,Pseudopregnancy,Pyometra,Death by euthanasia,Lack of efficacy,Vaginal discharge,Tense 	No Data	2016 the dag was presented at vet because of waginal discharge, pseudo pregnancy, tense abdomen and milt flow and with set heated with Amoustini-Clavulatica calcia and Desamethasone. On 3 Teb 2016 do, was anorectic, still drank, had highly elevated kidney values (auspicion of leptospirosis), lipase and phosphate. It was recommended to says the dog because of pyometra. The dog was treated with ACE inhibitor and Amoustini-Clavulatin calci On 24 Teb 2016 dogs showed adipsia and acute enal failure and was exthanized. No more information expected. [Reason for use for product: Generic: DEPP] LI Bardark OSBONAC OPPI 2010/S40 48 Genon Vaccination Generic: LEPPO*41CPLOA/RISPPB/SANT [Value]		31	1.N/A,1 Vest,24.1 Dose 1 Vest 1 Admil (25/1/2015- 25/11/2015-889-4081-VIOSIVAC LEPTO 6 10X105-480-1,1/A/1 Vest;24.1 Dose 1 Vest 3 Avimal (25/11/2015-25/11/2015)-8R-<8R>	
Dezamentasions and viennisoon for two days. Long recovered within J. days. No more immination expected. [Reason for use for product: Genetic FLOPPII U Mariank JOSE 5400 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 4]CT_CAN_GRIPP_BRAT_KB Stand: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO 6 10XLDS [A40 Reason: Vaccination Genetic: LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC LEPTO* 6]CT_CAN_GRIPP_BRAT_KB STAND: NOBIVAC L					,,,,	,		, , ,	1 1		016 Yes, 			15.reb. 2016 and started to show epileptic seizures on 19.reb. 2016 onwards, short ones after exectiment or stress it is being treated with phenoshotials. No more information expected. [Reason receited] [Reason vaccination [State of health v. Inknown] SAR: case reported by competent authority [VII]: dog was vaccinated with Nobvac UPPs and Nobbac Lepto 6 or 12.Mar. 2015 and started to show facial oedems (whole head and earl) and generalized purifus. If was presented to the vet as an emergency case. Dog was being treated with Deamentssone and Prediction for two days. Dog recovered within 2 days. No more information expected. [Reason for use for product: Generic: DIPPI I.V Branch NOBIVAC DIPPI 10.0154 40 Reason: Vaccination Generic: EIPTO 4 (ETCA, MSIGIP) PSARI DB Branch 10. Branch 10.0154 CEPTO 6 10.0154.	Springer Spaniel Other	Not Known Not Known	1,3/(A/N/, 24,1 Dose 1 Animal (15/02/2016-15/02/2016-16/RP~BR> 1,3/(A/N/, 24,1 Dose Not applicable 1,3/(A/N/, 24,1 Dose Not applicable 1 Animal 12/103/2016- 1,2/(3/)2016-1888-48R-NOBIVAC LEPTO 6 10XID5 440 - 1,3/(A/N/A 2,4 1 Dose Not applicable 1,3/(A/N/A) 2,4 1 Dose Not applicable 1,4 1 Dose Not appli	

NOBIVAC L4	CHE-MERCKMSD-2016-	-CH-00042	Switzerland	Animal	Canine/dog	9.5 Year(s)	30/03/2016	05/04/2016	1	1 0	30/03/2016	Yes, <b< td=""><td>Diarrhoea, Vomiting, Epileptic</td><td>No Data</td><td>SAR: dog was vaccinated with Nobivac DHPPi and Nobivac Lepto6 on 30.Mar.2016 and started to react</td><td>Toy Poodle</td><td>Not</td><td>NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Diarrhoea, Vomiting, Epileptic	No Data	SAR: dog was vaccinated with Nobivac DHPPi and Nobivac Lepto6 on 30.Mar.2016 and started to react	Toy Poodle	Not	NOBIVAC DHPPI 10X1DS 440 -	
												R> Yes	seizure,Abnormal breathing,Apathy,Allergic pruritus		to the vaccination while still being in the clinic with apathy, then showed seizures with defecation and urination, vomited and increased breathing. The dog was treated with cortisone and stayed there for a		Known	1,N/A,N/A ,24,1 Dose 1 Animal (30/03/2016-	
													breatiling,Apathy,Allergic profitos		couple of hours. The next day the dog had pruritus all over the body, vomited again and had diarrhea.			30/03/2016- 30/03/2016) NOBIVAC	
															Two to three days later, the dog recovered. No more information expected. [Reason for use for			LEPTO 6 10X1DS 440 - 1,N/A,N/A	
															product: Generic: DHPPI LV Brand: NOBIVAC DHPPI 10X1DS 440 Reason: Vaccination Generic:			,24,1 Dose 1 Animal (30/03/2016-	
															LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State			30/03/2016) 	
NORIVAC 14	CHE-MERCKMSD-2016-	-CH-00085	Switzerland	Animal	Canine/dog	8 Year(s)	17/05/2016	19/05/2016	1	1 0	17/05/2016	Yes. <b< td=""><td>Dyspnoea, Abnormal radiograph</td><td>No Data</td><td>of health: Good! SAR: On 17. May. 2016 the dog was for an echocardiography at the vet, which revealed a mitral</td><td>Chihuahua</td><td>3.6</td><td>NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Dyspnoea, Abnormal radiograph	No Data	of health: Good! SAR: On 17. May. 2016 the dog was for an echocardiography at the vet, which revealed a mitral	Chihuahua	3.6	NOBIVAC DHPPI 10X1DS 440 -	
							,,	13,00,100	1 1	1 1	.,,	R> Yes	finding		insufficiency, which was still compensated but the left atrium was heavily enlarged. After the		5.0	1,N/A,N/A ,24,1 Dose 1 Animal	
													_		ultrasound the dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 for the first time (was not			(17/05/2016-	
															vaccinated for some years). While still being at the vet, the dog started to show heavy breathing,			17/05/2016) NOBIVAC	
															mostly expiratory dyspnoea, which was treated with prednisolone, oxygen, infusion and furosemide. X-			LEPTO 6 10X1DS 440 - 1,N/A,N/A	
															rays after one hour showed a diffuse interstitial lung pattern. The dog improved slowly and was released from the clinic on 19.May.2016. No more information expected. [Reason for use for			,24,1 Dose 1 Animal (17/05/2016- 17/05/2016) 	
															product: Generic: DHPPI_LV_Brand: NOBIVAC DHPPI_10X1DS 440_Reason: Vaccination_Generic:			17/05/2016/cBR> 	
															LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State				
															of health: Fairl				
NOBIVAC L4	CHE-MERCKMSD-2016-	-CH-00134	Switzerland	Animal	Canine/dog	3 Month(s)	30/05/2016	11/07/2016	1	1 1	18/06/2016		Lack of efficacy,Death by	No Data	Suspected lack of expected efficacy: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto6 on	Labrador	12.5	NOBIVAC DHPPI 10X1DS 440 -	
												R> Yes	euthanasia		30.May, 2016 for the second time (first vaccination on 3.May, 2016) and was presented to the vet on 18.Jun, 2016 because of vomiting and diarrhea. Treatment with Cerenia and antibiotics was done, but	Retriever		1,N/A,N/A ,24,1 Dose 1 Animal (30/05/2016-	
															condition worsened. On 19.Jun.2016 the dog showed azotemia, hyperkalemia, thrombocytopenia and			30/05/2016- 30/05/2016) NOBIVAC	
															anuria and the vet had the suspicion of leptospirosis (no diagnostic done). Furosemide and infusion			LEPTO 6 10X1DS 440 - 1.N/A.N/A	
															was added, but dog was euthanized the next day. No more information expected. [Reason for use for			,24,1 Dose 1 Animal (30/05/2016-	
															product: Generic: DHPPI LV Brand: NOBIVAC DHPPI 10X1DS 440 Reason: Vaccination Generic:			30/05/2016) 	
															LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State				
NOBIVAC L4	CHE-MERCKMSD-2016-	CH 00170	Switzerland	Animal	Canine/dog	3 Month(s)	06/09/2016	09/09/2016	 , -	1 1	06/09/2016	Yes, <b< td=""><td>Abnormal breathing, Facial</td><td>No Data</td><td>of health: Goodl SAR: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 on the 6.Sep.2016. Within hours</td><td>Chihuahua</td><td></td><td>NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Abnormal breathing, Facial	No Data	of health: Goodl SAR: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 on the 6.Sep.2016. Within hours	Chihuahua		NOBIVAC DHPPI 10X1DS 440 -	
NOBIVAC L4	CHE-MEKCKMSD-2016-	-cn-001/9	owiczeriand	Animal	Canine/dog	3 Montn(s)	ub/U9/2016	09/09/2016	1 1	1 0	00/09/2016	Yes, <b R> Yes</b 	Abnormal breathing,Facial oedema.Anaphylactic	NO Data	SAR: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 on the 6.Sep.2016. Within hours dog showed signs of shock, swollen oedmatous head. Increased breathing and shaking. Dog was	uninuanua	1.2	NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A ,24,1 Dose Not applicable	
						l		1		1 1	ľ		shock,Shaking	1	treated with Prednisolon and Dexadreson and recovered within hours. No more information expected.			1 Animal (06/09/2016-	
						l		1					,	1	[Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI 10X1DS 440 Reason:		1	06/09/2016) NOBIVAC	
						l		1						1	Vaccination Generic: LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440			LEPTO 6 10X1DS 440 - 1,N/A,N/A	
						l		1	l l					1	Reason: Vaccination] [State of health: Good]		1	,24,1 Dose Not applicable 1 Animal	
								1						1				(06/09/2016-06/09/2016) 	
NORIVAC I 4	CHE-MERCKMSD-2016-	-CH-00221	Switzerland	Animal	Canine/dog	3 Month(s)	10/11/2016	22/11/2016	 , 	1 0	10/11/2016	Yes, <b< td=""><td>Urticaria</td><td>No Data</td><td>Suspected adverse reaction: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 on 10 Nov</td><td>Chihuahua</td><td>Not</td><td>NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Urticaria	No Data	Suspected adverse reaction: Dog was vaccinated with Nobivac DHPPi and Nobivac Lepto 6 on 10 Nov	Chihuahua	Not	NOBIVAC DHPPI 10X1DS 440 -	
WODIVAC L4	CITE WIENCKWISD-2010-	C11-00221	Januare Harid	rumilal	Cormie/uog	2 Month(s)	10/11/2010	22/11/2010	1 1	1 1	, 11/2010	R> Yes	orticand	Data	2016 and developed facial urticaria after 15 minutes. Dog was treated with Dexamethasone and	Cintuatiua	Known	1,N/A,N/A ,24,1 Dose Not applicable	
						l		1			ľ	22 103		1	recovered quickly. No more information expected. [Reason for use for product: Generic: DHPPI_LV			1 Animal (10/11/2016-	
						l		1						1	Brand: NOBIVAC DHPPI 10X1DS 440 Reason: Vaccination Generic: LEPTO*4(ICT,CAN,GRIPP,BRAT) KB			10/11/2016) NOBIVAC	
						l		1						1	Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State of health: Good]		1	LEPTO 6 10X1DS 440 - 1,N/A,N/A	
																		,24,1 Dose Not applicable 1 Animal	
																		(10/11/2016-10/11/2016) 	
NOBIVAC L4	CHE-MERCKMSD-2016-	-CH-00227	Switzerland	Animal	Canine/dog	3 Month(s)	22/11/2016	23/11/2016	6	1 1	22/11/2016	Yes. <b< td=""><td>Abnormal necropsy finding Sudden</td><td>No Data</td><td>Suspected adverse reaction: A normal puppy was vaccinated with Nobivac DHPPi and Nobivac Lepto6</td><td>Miniature</td><td>Not</td><td>NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Abnormal necropsy finding Sudden	No Data	Suspected adverse reaction: A normal puppy was vaccinated with Nobivac DHPPi and Nobivac Lepto6	Miniature	Not	NOBIVAC DHPPI 10X1DS 440 -	
							,,	,,	1 1	1 1	,,		death,Injection site inflammation		on 22.Nov.2016. One hour later the owner came back to vet because dog died suddenly.	Schnauzer	Known	1,N/A,N/A,24,1 Dose Not applicable	
															Histopathology will be made, follow up pending. Follow up 30.Nov.2016 Pathology/histology: stasis			1 Animal (22/11/2016-	
															and leakage of neutrophils in the lung (sign for sepsis), anaphylaxis not excluded, Injection site mild			22/11/2016) NOBIVAC	
															inflammation, no signs for infection. No more information expected. [Reason for use for product:			LEPTO 6 10X1DS 440 - 1,N/A,N/A	
															Generic: DHPPI LV Brand: NOBIVAC DHPPI 10X1DS 440 Reason: Vaccination Generic:			,24,1 Dose Not applicable 1 Animal	
																		(an /a. /an an /a. /an an /	
															LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State of health, Good]			(22/11/2016-22/11/2016) BR> BR>	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	12/01/2017	1	1 0:	11/01/2017	Yes, <b< td=""><td>Vomiting, Weakness, Reluctant to</td><td>No Data</td><td>LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State of health: Good! Suspected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with</td><td>Australian</td><td>Not</td><td>(22/11/2016-22/11/2016) BR> NOBIVAC DHPPI 10X1DS 440 -</td><td></td></b<>	Vomiting, Weakness, Reluctant to	No Data	LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State of health: Good! Suspected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with	Australian	Not	(22/11/2016-22/11/2016) BR> NOBIVAC DHPPI 10X1DS 440 -	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	7 12/01/2017	1	1 0 :	11/01/2017	Yes, <b R> >Yes</b 	Vomiting, Weakness, Reluctant to move, Apathy	No Data	LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC LEPTO 6 10XLDS 440 Reason: Vaccination] [State of health; Goodl Suspected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with Nobivac DHPPI and Nobivac Lepto6 on 11.1an.2017 and vomited several times about 30 minutes after	Australian Shepherd Dog	Not Known	(22/11/2016-22/11/2016) NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A, 24,1 Dose Not applicable	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	7 12/01/2017	1	1 0:	11/01/2017			No Data	LEPTO*4(ICT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC LEPTO 6 10X1DS 440 Reason: Vaccination] [State of health: Good! Suspected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with Nobixac DHPPI and Nobixac LeptoG on 11.1an.2017 and vomited several times about 30 minutes after the vaccination, was weak on the legs and apathle. Back the vet the dog wouldn't want to move, but		Not Known	(22/11/2016-22/11/2016) RNOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (11/01/2017-	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	12/01/2017	1	1 0:	11/01/2017			No Data	LEPTO*4(CT_CAM_GRIPP_BRAT) KB Brand: NOBINAC LEPTO 6 10XIDS 544 Reason: Vaccination) [State of health Good! of health Good! of health Good! Sixpected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with Nobioxic Lepto for on 11.3 nr. 2017 and vontied several times about 30 minutes a fette the vaccination, was weak on the legs and apathic. Sack at the vet the dog wouldn't want to move, but circulation, temperature, nucous membranes were normal. It was treated with Devasteon and		Not Known	(22/11/2016-22/11/2016) RNOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017) RR>NOBIVAC	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	12/01/2017	1	1 0:	11/01/2017			No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] KB Brand: NOBIVAC LEPTO 6 10XLDS 440 Reason: Vaccination] [State of health: Good! of health of		Not Known	(22/11/2016-22/11/2016)-BR>>BR> NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-BR>>BR>NOBIVAC LEPTO 6 10X1DS 440 - 1,N/A,N/A	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00003 9	Switzerland	Animal	Canine/dog	3 Month(s)	11/01/2017	12/01/2017	1	1 0:	11/01/2017			No Data	LEPTO*4(CT_CAM_GRIPP_BRAT) KB Brand: NOBINAC LEPTO 6 10XIDS 449 Reason: Vaccination) [State of health Good! of health Good! of health Good! Sixpected adverse reaction: case report by the competent authority (IVI): dog got vaccinated with Nobioxic Lepto 6 on 11.1an; 2017 and vontied several times about 30 minutes a fert the vaccination, was weak on the legs and apathic. Sack at the vet the dog wouldn't want to move, but circulation, temperature, nucous membranes were normal. It was treated with becasteon and infusion and improved quickly, about 90 minutes later the dog was almost normal. No more information expected. (Reason for use for product: Generic, LOPPI) LIV Brand: NOBINAC DIPPI		Not Known	(22/11/2016-22/11/2016)-BR>-BR> NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A, 2-4,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-BR>-BR>NOBIVAC LEPTO 6 10X1DS 440 - 1,N/A,N/A 2-4,1 Dose Not applicable 1 Animal	
			Switzerland	Animal	Canine/dog	3 Month(s)			1	1 0:	11/01/2017			No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] KB Brand: NOBIVAC LEPTO 6 10XLDS 440 Reason: Vaccination] [State of health: Good! of health of		Not Known	(22/11/2016-22/11/2016)-BR>-BR> NOBIVAC DHPPI 10X1D5 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-BR>-BR>-NOBIVAC LEPTO 6 10X1D5 440 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (11/01/2017-11/01/2017)-BR>>BR>	
	CHE-MERCKMSD-2017-		Switzerland Switzerland			3 Month(s) 8 Week(s)	11/01/2017		1		11/01/2017	R×BR>Yes Yes, BR>SBR>Yes	move,Apathy Pharyngeal oedema,NT - acute	No Data	LEPTO*4[CT,CAM,GRIPS,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination] [State of health: Good! of health of health cannot be a second or the second of health of h	Shepherd Dog	Not Known	(22/11/2016-22/11/2016)-SR>-SR> NOBIVAC DHPPI 10XLIDS 440- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-SRS-SRS-NOBIVAC LEPTO 6 10XLID 440- 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (11/01/2017-11/01/2017)-SR>-SR> NOBIVAC DHPPI 10XLIDS 440- NOBIVAC DHPPI 10XLIDS 440-	
									1			R×BR×BR>Yes	move,Apathy Pharyngeal oedema,NT - acute (Interstitial)		LEPTO*4(CT_CAM_GRIPP_BRAT) KB Brand. NOBINAC LEPTO 6 JOXIOS 440 Reason: Vaccination) [State of health: Good in Phalth Good in Case report by the competent authority (IVI): dog got vaccinated with Nobioxic Lepto 6 on 11.1an. 2017 and vomited several time about 30 minutes a fer the vaccination, was weak on the legs and apathic. Back at the vet the dog wouldn't want to move, but circulation, temperature, mucous membrane were normal. It was treated with Devasteon and Infinision and improved quickly, about 30 minutes later the dog was almost normal. No more information expected. Reason for use for product: Generic. DIMPI LIV Brand. POSBNIZC DIPPI 10 JOXIOS AND SOBRIZC DIPPI 10 JOXIOS AND READ (STATE CASE AND		Not Known Not Known	(22/11/2016-22/11/2016)-GRN-SR> NOBIVAC DHPPI 10X1DS 440 - 1.N/AN/A, 24,1 Dose Not applicable 1.N/AN/A, 24,1 Dose Not applicable 1.N/AN/A, 24,1 Dose Not applicable 1.N/AN/A, Dose Not applicable 1.N/AN/A, Dose Not applicable 1.N/AN/A, Dose Not applicable 1.N/AN/A, Dose Not applicable	
									1			R×BR>Yes Yes, BR>SR	move,Apathy Pharyngeal oedema,NT - acute (interstitial) pneumonia/pleuropneumonia,Anap		LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health Good! of health Casol of	Shepherd Dog	Not Known Not Known	[22/11/2016-22/11/2016-948~8R> NOBNIAC DIPPI IDXIDS 440 - 1,1/A/N/A, 24.1 DOS NO applicable 1.4einnal [11/01/2017- 11/01/2017-887~8RP-NOBINAC 11/01/2017-887~8RP-NOBINAC 11/01/2017-887-8RP-NOBINAC 11/01/2017-10/2017-887-8RP-NOBINAC 11/01/2017-11/01/2017-887-8RP- NOBINAC DHPPI IDXIDS 440 - 1,1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable	
									1			R×BR>Yes Yes, BR>SR	move.Apathy Phanyngeal oedema,NT - acute (intersitia) pneumonia/pleuropneumonia,Anap hylactioi reaction,Anaphylactie		LEPTO*4[CT_CAM_GRIPP_BRAT] KB Brandt. NOBINAC LEPTO 6 10XIDS 5449 Reason: Vaccination] [State of health: Good] or health Good] or health Good] or health Good] or health Good in State of health Good in State of the	Shepherd Dog	Not Known	[22/11/2016-12/11/2016-1488B> NOBWAC DHPPI 100105 440 - 11/N/A/N, 24.1 DOILDS 140 -	
									1			R×BR>Yes Yes, BR>SR	move,Apathy Pharyngeal oedema,NT - acute (interstitial) pneumonia/pleuropneumonia,Anap		LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health Good! of health Casol of	Shepherd Dog	Not Known Not Known	[22/11/2016-22/11/2016-948~8R> NOBNIAC DIPPI IDXIDS 440 - 1,1/A/N/A, 24.1 DOS NO applicable 1.4einnal [11/01/2017- 11/01/2017-887~8RP-NOBINAC 11/01/2017-887~8RP-NOBINAC 11/01/2017-887-8RP-NOBINAC 11/01/2017-10/2017-887-8RP-NOBINAC 11/01/2017-11/01/2017-887-8RP- NOBINAC DHPPI IDXIDS 440 - 1,1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable 1.1/A/A/A, 24.1 Dose Not applicable	
									1			R×BR>Yes Yes, BR>SR	move.Apathy Phanyngeal oedema,NT - acute (intersitia) pneumonia/pleuropneumonia,Anap hylactioi reaction,Anaphylactie		LEPTO*4(CT_CAM_GRIPS_BRAT) kB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health Good in Ambition of health Good in Ambition of health Good in Ambition (State of health Good in Ambition of health Good in Ambition of health Good in Ambition (State of health Good in Ambition of health Good in Ambit	Shepherd Dog	Not Known Not Known	[22/11/2016-22/11/2016-18%-8R» NORBNAC HIPPI 10X1105 440- 1.N/AN/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017-818-NOBIVAC 11/01/2017-818-188-NOBIVAC 11/01/2017-818-188-NOBIVAC 11/01/2017-818-818-818- NOBIVAC DIPPI 10X105 440- 1.N/AN/A, 24,1 Dose Not applicable 1.N/AN/A,04,1 Dose Not appl	
									1			R×BR>Yes Yes, BR>SR	move.Apathy Phanyngeal oedema,NT - acute (interstitial) pneumonia/pleuropneumonia,Anaphylactici		LEPTO*4[CT_CAM_GENPS_BRAT] XB Brand. NOBINAC LEPTO 6 JOXIOS 449. Reason: Vaccination] [State of health: Good in Phalth Good in	Shepherd Dog	Not Known	[22/11/2016-32/11/2016-348%-88> NOBBMAC DHPPI 10XIDS 440 - 11/N/A/N, 24.1 Does Not applicable 1 Animal [11/01/2017- 11/01/2017-818-88-NOBBWAC LEFTO 6 10XIDS 440 - 1.N/A/N/A 24.0 toos Not applicable 1 Animal [11/01/2017-818-81-808]-WAC NOBBMAC DHPPI 10XIDS 440 - 11/N/A/N, 24.1 Does Not applicable 1 Animal [17/02/2017-818-NOBBWAC LEFTO 6 10XIDS 440 - 1.N/A/N/A LEFTO 6 10XIDS 440 - 1.N/A/N/A LEFTO 6 10XIDS 440 - 1.N/A/N/A	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4	1 1:	18/02/2017	R> Yes Yes, >ER Yes, >ER Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anap hylactioi reaction,Anaphylactic shock,Sudden death	No Data	LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health: Good in Ambition Country (IVI): dog got vascrinated with Nobiosco Enter daverse reaction: case report by the competent authority (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Leptor and Nobiosco Leptor and Nobiosco Central Country (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Central Country (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Central Country (IVI): dog got vascrinated vascrin	Shepherd Dog Other Canine/dog	Not Known	(2)/11/2016-22/11/2016-18%-28F> NOBWAC DHPPI 10X1D5 440- NOBWAC DHPPI 10X1D5 440- NOBWAC DHPPI 10X1D5 440- NA/NA/A_2 A_1 Dose Not applicable Animal (11/01/2017- 11/01/2017-88F-188-NOBWAC LEPTO 6 10X1D5 440 - 1,N/A-N/A A_2 1 Dose Not applicable Animal (11/01/2017-18/F-18/F-18/F-18/F-18/F-18/F-18/F-18/F	
NOBIVAC L4		-CH-00023 5							4	1 1:	18/02/2017	R> Yes Yes, >BR Yes, >BR>Yes	Pharyngeal oedema,NT - acute (intensitia) preumonia/pleuropreumonia/Anaphylactic shock.Souden death		LEPTO*4[CT_CAM_GENPS_BRAT] XB Brand. NOBINAC_LEPTO 6 JOXIOS 440 Reason: Vaccination] [State of health: Good] of health Good] of health Good] of health Good	Shepherd Dog	Not Known Not Known	(22/11/2016-22/11/2016)-8R>-8R> NOBBNAC DHPPI 10XIDS 440 - 11/N/A/N, 24.1 Does Not applicable 1 Animal (11/01/2017- 11/0/12017-8R-8R>-NOBWAC LEFTO 6 10XIDS 440 - 1.N/A/N/A 24.2 hose Not applicable 1 Animal (11/01/2017-8RS-8RS-NOBWAC LEFTO 6 10XIDS 440 - 1.N/A/N/A 24.1 Does Not applicable 1 Animal (11/01/2017-11/01/2017)-8RS-8RS- NOBBNAC DHPPI 10XIDS 440 - 11/N/A/N/A 24.1 Does Not applicable 1 Animal (11/02/2017- 11/02/2017-8RS-8RS-NOBWAC LEFTO 6 10XIDS 440 - 1.N/A/N/A 24.2 hose Not applicable 1 Animal (11/02/2017-11/02/2017)-8RS-8RS- NOBWAC LEFTO 6 10XIDS 440 - NOBWAC LEFTO 6 10XIDS 440 -	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4	1 1:	18/02/2017	R> Yes Yes, >ER Yes, >ER Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anap hylactioi reaction,Anaphylactic shock,Sudden death	No Data	LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health: Good in Ambition Country (IVI): dog got vascrinated with Nobiosco Enter daverse reaction: case report by the competent authority (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Leptor and Nobiosco Leptor and Nobiosco Central Country (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Central Country (IVI): dog got vascrinated with Nobiosco Enter and Nobiosco Central Country (IVI): dog got vascrinated vascrin	Shepherd Dog Other Canine/dog	Not Known	(2)/11/2016-22/11/2016-18%-28F> NOBWAC DHPPI 10X1D5 440- NOBWAC DHPPI 10X1D5 440- NOBWAC DHPPI 10X1D5 440- NA/NA/A_2 A_1 Dose Not applicable Animal (11/01/2017- 11/01/2017-88F-188-NOBWAC LEPTO 6 10X1D5 440 - 1,N/A-N/A A_2 1 Dose Not applicable Animal (11/01/2017-18/F-18/F-18/F-18/F-18/F-18/F-18/F-18/F	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1	1 1:	18/02/2017	R> Yes Yes, >BR Yes, >BR>Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anaphylactici shock,Sudden death Pale mucous membrane,Anaphylactic shockLow membrane,Anaphylactic shockLow	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 640 Reason: Vaccination) [State of health: Good in Ambition Country of the Competent authority (IVI): dog got vaccinated with Nobiosco DRFF and Mobivac Lepto 6 on 11.1am, 2017 and vomited several times about 30 minutes after the vaccination, was weak on the legs and apathic. Back at the vet the dog wouldn't want to move, but circulation, temperature, mucous membranes were normal. I was treated with Decadeson and infusion and improved quickly, about 30 minutes later the dog was almost normal. No more information expected. Reason for use for product: Generic. DIMPI IV Brand: NOBINAC DIPPI IVI Brand: NOBINAC DEPTO BRANCE DIPPI IVI BRANCE DIPPI	Shepherd Dog Other Canine/dog	Not Known	(2)/11/2016-22/11/2016-18%-28F- NOBWAC DHPP! 10X1D5 440- NOBWAC DHPP! 10X1D5 440- (1)/A/MA/A_24, 10 see Not applicable Animal [11/01/2017- (1)/01/2017-88F-88F-NOBWAC LEPTO 6 10X1D5 440- 1,M/A/MA (2)/01/2017-88F-88F-NOBWAC (1)/01/2017-11/01/2017-88F-88F- (1)/01/2017-11/01/2017-88F-88F-NOBWAC (1)/01/2017-11/01/2017-88F-88F-NOBWAC (2)/01/2017-88F-98F-98F-98F-98F-98F-98F-98F-98F-98F	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4	1 1:	18/02/2017	R> Yes Yes, >BR Yes, >BR>Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anaphylactici shock,Sudden death Pale mucous membrane,Anaphylactic shockLow membrane,Anaphylactic shockLow	No Data	LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health: Good in Ambition of the	Shepherd Dog Other Canine/dog	Not Known	12/11/2016-22/11/2016-18%-88> NOBINAC HIPPI 10XIDS 440- 1,1M/AN/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017-18-18-RN-OBINAC, 14FFO E. D. 1035-460- 1,1M/AN/A, 24,1 Dose Not applicable	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4	1 1:	18/02/2017	R> Yes Yes, >BR Yes, >BR>Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anaphylactici shock,Sudden death Pale mucous membrane,Anaphylactic shockLow membrane,Anaphylactic shockLow	No Data	LEPTO*4[CT,CAM,GRIPP,BRAT] KB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health: Good in Ambition Condition of the Comparison of the C	Shepherd Dog Other Canine/dog	Not Known	12/11/2016-22/11/2016/98F-38F> NOBWAC DHPPI 10XIDS 440- NOBWAC DHPPI 10XIDS 440- NOBWAC DHPPI 10XIDS 440- NA/NA/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-88F-38F-NOBWAC LEFTO 6 10XIDS 440 - 1,M/AN/A 24,1 Dose Not applicable 1 Animal (11/01/2017)-88F-38F- NOBWAC LHPPI 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (11/01/2017-11/01/2017)-88F-38F- NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (11/01/2017-17/01/2017)-88F-38F- NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017-88F-NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017-88F-NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017-88F-NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017-88F-NOBWAC LHPTO 6 10XIDS 440 - 1,M/AN/A, 24,1 Dose Not applicable	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 5	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4	1 1:	18/02/2017	R> Yes Yes, >BR Yes, >BR>Yes	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/pleuropneumonia,Anaphylactici shock,Sudden death Pale mucous membrane,Anaphylactic shockLow membrane,Anaphylactic shockLow	No Data	LEPTO*4[CT,CAM,GRIPP,BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health: Good in Ambition of the	Shepherd Dog Other Canine/dog	Not Known	12/11/2016-22/11/2016-18%-88> NOBRIVAC DHPPI 10XIDS 440- NOBRIVAC DHPPI 10XIDS 440- 1 Animal (11/01/2017- 11/01/2017-88-18-87-NOBRIVAC. 1470' D. 20 10 10 10 10 10 10 10 10 10 10 10 10 10	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1	1 1:	18/02/2017 18/03/2017	R>-GBR>-GBR>Yes Yes, -GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>	move_Apathy Phanngeal oedemaAT - acute (interstital) pneumonia/pleuropneumonia/ana hybiactoid reaction/Anaphylactic shock_Sudden death Pale mucous memdrane_Anaphylactic shock_Low blood pressure	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 640 Reason: Vaccination] [State of health: Good in Ambition Good	Shepherd Dog Other Canine/dog	Not Known	(2/11/2016-22/11/2016)-BRV-BR> NOBWAC DHPPI 10XIDS 440+ NOBWAC DHPPI 10XIDS 440+ NA/NA/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017)-BRS-BN-OBWAC LEFTO 6 10XIDS 440 - 1,N/AN/A 24,1 Dose Not applicable 1 Animal (11/01/2017)-BRS-BRS-DBWAC LEFTO 6 10XIDS 440 - 1,N/AN/A 24,1 Dose Not applicable 1 Animal (11/01/2017)-11/01/2017-BRS-BRS- NOBWAC LEFTO 6 10XIDS 440 - 1,N/AN/A 24,1 Dose Not applicable 1 Animal (11/01/2017-11/01/2017)-BRS-BRS-BRS- NOBWAC LEFTO 6 10XIDS 440 - 1,N/AN/A NA/A 1,0 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017-BRS-NOBWAC 13/03/2017-BRS-NOBWAC 10/03/2017-BRS-NOBWAC 10XIDS 440 - 1,N/AN/A 10XIDS 400 - 1,N/AN/A 10XIDS 401-10XIDS 440 - 1,N/AN/A 10X	
NOBIVAC L4	CHE-MERCKMSD-2017-	-CH-00023 :	Switzerland	Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1:	18/02/2017 18/03/2017	R> Yes Yes, >BR Yes, >BR>Yes	Phanyngeal oedema,NT - acute (interstital) proeumonia/pleuropneumonia/naphylactic shock,Jowdon death Pale mucous membrane,Anaphylactic shock,I ow blood pressure	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination] [State of health: Good in Ambition Coal of health of the competent authority [IVI]: dog got vaccinated with Nobioxic Capito and the competent authority [IVI]: dog got vaccinated with Nobioxic Capito and Nobioxic Lepto for on 11.1an; 2017 and vomited several times about 30 minutes after the vaccination, was weak on the legs and apathic. Back at the vet the dog wouldn't want to move, but circulation, temperature, mucous membranes were normal. It was treaded with Decadeson and infusion and improved guickly, about 30 minutes later the dog was almost normal. No more information expected. Reason for use for product: Generic. DIPPI IV Brand. NOBIANC DIPPI IV Brand	Shepherd Dog Other Canine/dog	Not Known	(2/11/2016-22/11/2016)-BRV-BR> NOBWAC DHPPI 10XIDS 440+ NOBWAC DHPPI 10XIDS 440+ NOBWAC DHPPI 10XIDS 440+ NOBWAC LBPTO 6 10XIDS 440+ LBPTO 6 10XIDS 440 - 1,M/AN/A A,24,1 Dose No Broginchel 1 Animal (11/01/2017)-BRV-BRY- NOBWAC DHPPI 10XIDS 440+ NA/AN/A,24,1 Dose No Broginchel 1 Animal (11/01/2017)-BRV-BRY- NOBWAC LBPTO 6 10XIDS 440 - 1,M/AN/A A,24,1 Dose No Broginchel 1 Animal (11/01/2017)- NOBWAC LBPTO 6 10XIDS 440 - 1,M/AN/A A,24,1 Dose No Broginchel 1 Animal (11/01/2017)-11/01/2017-BRV-BRY- NOBWAC LBPTO 6 10XIDS 440 - 1,M/AN/A A,24,1 Dose Not applicable 1 Animal (13/03/2017- 13/03/2017)-BRS-BRY-DRY-BRY-BRY-BRY-BRY-BRY-BRY-BRY-BRY-BRY-B	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 4 4 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Phanyngeal oedema,NT - acute (intersitial) proeumonia/pleuropneumonia/naphylactic shock,Sudden death Pale mucous membrane,Anaphylactic shock,Low blood pressure Injection site swelling. Depigmentation of nasal plane,Inappropriate	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health Good) in Ambit Good) in Ambit Good in Am	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18%-28F> NOBRVAC HPPFI 10XIDS 440+-28F-28F-10XIDS 440+-10XIDS 440-1-10XIDS 140-1-10XIDS 140	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1:	18/02/2017 18/03/2017	R>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GB	Pharyngeal oedema,NT - acute (interatials) place of the control of	No Data	LEPTO*4[CT_CAN_GENPS_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination] [State of health: Good of health of the competent authority [IVI]: dog got vaccinated with Nobioxic Capito of a size report by the competent authority [IVI]: dog got vaccinated with Nobioxic Capito and Nobioxic Lepto for on 11.3 nr. 2017 and vomited several times about 30 minutes after the vaccination, was weak on the legs and apathic. Back at the vet the dog wouldn't want to move, but circulation, temperature, mucous membranes were normal. It was treated with beaderson and infusion and improved guickly, about 30 minutes later the dog was almost normal. No more information expected. Reason for use for product: Generic. DIPPI LVB Brand. PMOBINAC DEPPI 100.1056 AGR Reason: Vaccination Generic: LEPTO*4[CT_CAN_GENP_BRAT] NB Brand : NOBINAC DEPPI 100.1056 AGR Reason: Vaccination Generic: LEPTO*4[CT_CAN_GENP_BRAT] NB Brand : NOBINAC LEPTO 100.1056 AGR Reason: Vaccination Generic: LEPTO*4[CT_CAN_GENP_BRAT] NB Brand : NOBINAC LEPTO 100.1056 AGR Reason: Vaccination of National Capitors and the vaccination of National Capitors and the vaccination of the Vaccination of the Vaccination of the Vaccination of National Capitors and the Vaccination of National Capitors and the Vaccination of National Capitors and Cap	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18W-8R> NOBWAC DHPPI 10X105-440- NOBWAC DHPPI 10X105-440- NIA/NA/A_2 A_1 Loose Not applicable 1 Animal (11/01/2017-11/01/2017-18W-8R-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (11/01/2017-8RF-8R-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (11/01/2017-11/01/2017-8RF-8R-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (11/01/2017-11/01/2017-8RF-8R-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (11/01/2017-11/01/2017-8RF-8R-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (13/03/2017-13/03/2017-8RF-8RF-NOBWAC LEFTO 6 10X105-440-1_N/A.N/A_2 A_2 Loose Not applicable 1 Animal (13/03/2017-13/03/2017-8RF-8RF-NOBWAC LANIMAL ANIMA) (13/03/2017-13/03/2017-8RF-8RF-NOBWAC LOOSE NOT applicable 1 Animal (13/03/2017-13/03/2017-8RF-8RF-8RF-8RF-8RF-8RF-8RF-8RF-8RF-8RF	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 4 4 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Phanyngeal oedema,NT - acute (intersitial) proeumonia/pleuropneumonia/naphylactic shock,Sudden death Pale mucous membrane,Anaphylactic shock,Sudden death Pale mucous membrane,Anaphylactic shock,Low blood pressure Injection site swelling,Depigmentation of nasal plane,Inappropriate urination,Tenesmus,Diarrhoea,Vom titing,Lamenes,Eelplepy,Termilling	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination) [State of health Good in Ambition Good in Plantin Good in Ambition Good in Plantin Good in Plantin Good in Campaigness of the Company of the Compa	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18F-38F- NOBBVAC DHPPI 10XIDS 440- LIVIO 21XI-98I-98I-98I-98I-98I-98I-98I-98I-98I-98	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intensitial) programmer of the contensity of the conte	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambitish Good in Ambitish Good in Ambitish Good in Ambitish Good in Campating Ambitish Good in Language and the Campating Ambitish	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-18F-8R- NOBINAC DHPPI 10XIDS 440- NOBINAC DHPPI 10XIDS 440- NOBINAC DHPPI 10XIDS 440- 14 mimal (11/01/2017- 11/01/2017-18F-8R-NOBINAC 11/01/2017-18F-8R-NOBINAC 11/01/2017-18F-8R-NOBINAC 11/01/2017-11/01/2017-18F-8R- NOBINAC DHPPI 10XIDS 440- 1.N/A.N/A. 24.1 Dose Not applicable 1.N/A.N/A.N/A. 24.1 Dose Not applicable 1.N/A.N/A.N/A.	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 48 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Phanyngeal oedema,NT - acute (interstital) proeumonia/pleuropneumonia/naphylactic shock,Sudden death hylactic shock,Sudden death phylactic shock,Sudden death proeumonia/naphylactic shock,Sudden death proeumonia/naphylactic shock,Sudden death proeumonia/naphylactic shock,Low blood pressure interstitation of nasal plane,Inappropriate urination, Tenesmus,Diarrhoea,Vom titing,Lameness,Eeljepsy,Trembling,Panting,Cough,Skin sarcoma NOS,Death by NOS,	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 440 Reason: Vaccination) [State of health Good in Ambition Good in Plantin Good in	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18F-38F- NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NAMA/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017-88F-38R-NOBWAC 11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/01/2017-11/01/01/01/01/01/01/01/01/01/01/01/01/0	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 4 4 4 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intensitial) present of the control	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambitist Good in Case report by the competent authority [IV]: dog got vaccinated with Nobioxic Clepto and Nobioxic Clepto (Nobioxic Clepto) and Nobio	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-18-88-NBNOBBNAC HPP1 10X1D5 480-28 NOBBNAC HPP1 10X1D5 480-28 NOBBNAC HPP1 10X1D5 480-28 NOBBNAC HPP1 10X1D5 480-18/AN/AN/A 24,1 Dose Not applicable 1 Animal 11/10/2017-88-18-NBNOBNAC LEPTO 6 20X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/10/2017-888-288-NDBNAC LEPTO 6 20X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-888-SBN-NDBNAC LEPTO 6 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-1888-SBN-NDBNAC LEPTO 6 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-1888-SBN-NDBNAC PI 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-1888-SBN-NDBNAC PI 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-888-SBN-NDBNAC PI 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 11/20/2017-888-SBN-NDBNAC PI 10X1D5 480-13/A/AN/A 24,1 Dose Not applicable 1 Animal 10/20/2017-880-SBN-NDBNAC PI 10X1D5 480-13/A/A/A Veeks 2 Animal 10X1D6/2017-880-SBN-NDBNAC PI 10X1D5 480-13/A/A/A Veeks 2 Animal 10X1D6/2017-880-SBN-NDBNAC PI 10X1D5 480-13/A/A Veeks 2 Animal 20X1D6/2017-880-SBN-NDBNAC PI 10X1	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 48 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Phanyngeal oedema,NT - acute (interstital) proeumonia/pleuropneumonia/naphylactic shock,Sudden death hylactic shock,Sudden death phylactic shock,Sudden death proeumonia/naphylactic shock,Sudden death proeumonia/naphylactic shock,Sudden death proeumonia/naphylactic shock,Low blood pressure interstitation of nasal plane,Inappropriate urination, Tenesmus,Diarrhoea,Vom titing,Lameness,Eeljepsy,Trembling,Panting,Cough,Skin sarcoma NOS,Death by NOS,	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 440 Reason: Vaccination) [State of health Good in Ambition Good in Plantin Good in	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18F-38F- NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NOBWAC DHPPI 10XIDS 440 NAMA/A, 24,1 Dose Not applicable 1 Animal (11/01/2017- 11/01/2017-88F-38R-NOBWAC 11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/2017-88F-38R-NOBWAC 12/01/2017-11/01/01/2017-11/01/01/01/01/01/01/01/01/01/01/01/01/0	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4 4 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Phanyngeal oedema,NT - acute (intersitial) proeumonia/pleuropneumonia/naphylactic shock,Sudden death hylactic shock,Sudden death Pale mucous membrane,Anaphylactic shock,Sudden death linear shock,Sudde	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 440 Reason. Vaccination [State of health Good in Ambition Good in	Other Shih Tzu Other	Not Known	(2)/11/2016-22/11/2016-18%-38"> (2)/11/2016-22/11/2016-18%-38"> (3)/3016-22/11/2016-18%-38"> (3)/3016-22/11/2016-18"> (3)/3016-22/11/2017-18"> (3)/3016-23/10"> (3)/3017-33/10"> (3)/3017-3	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambitist Good in Ambitist Good in Ambitist Good in Ambitist Good in Campating Foliation State of the Ambitist Campating State of the Ambitist Campating Foliation State of the Ambitist Campating Foliation State of the Ambitist Campating	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 440-C NOBBVAC DHPPI 10X	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 4 4 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 640 Reason: Vaccination [State of health: Good in Ambition Control of the Competent authority (IVI): dog got vaccinated with Nobiosco Lepto and Nobiosco Lepto and Nobiosco Lepto and Social Soc	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 440-C NOBBVAC DHPPI 10X	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 48 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambit Good in Amb	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 440-C NOBBVAC DHPPI 10X	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 10XIDS 640 Reason: Vaccination] [State of health: Good in Ambition Control of the Competent authority [IVI]: dog got vaccinated with Nobioxic Capito and Nobixic Lepto 6 on 11.3 an. 2017 and vomited several times about on interest with Nobixic Capito and Nobixic Lepto 6 on 11.3 an. 2017 and vomited several times about on interest the twaccination, was weak on the legs and apathic. Back at the vet the dog wouldn't want to move, but circulation, temperature, mucous membranes were normal. It was treated with Decadeson and infusion and improved quickly, about 50 minutes later the dog was almost normal. No more information expected. Reason for use for product: Generic. DIPPI IV Brand. NOBIANC DIPPI IVI DIRECT MOBINAC DIPPI IVI DIPPI IVI DIPPI IVI DIRECT MOBINAC DIPPI IVI DI	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 440-C NOBBVAC DHPPI 10X	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 48 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIDS 440 Reason: Vaccination) [State of health Good) of health Good) of health Good in American Company (Viv) and provided adverse reaction: case report by the competent authority (IVI): dog got vaccinated with Nobioxic Clipto and Ivid Nobioxic Clipto (Nobioxic Clipto) and Ivid Nobioxic Clipto (Nobioxic Clipto) and Ivid Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto) and Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto) and Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto) and Nobioxic Clipto) and Nobioxic Clipto (Nobioxic Clipto) and Nobioxic Clipto) and Nob	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 440-C NOBBVAC DHPPI 10X	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4 4 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIDS 440 Reason: Vaccination) [State of health Good) or health country (IVI): dog got vaccinated with Nobioxic Clepto and Nobioxic Clepto Andropoxic Clepto and Nobioxic Clepto Andropoxic Clepto and Nobioxic Clepto Andropoxic	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death phylactoic freedom,Anaphylactic shock,Sudden death phylactoic shock,Low blood pressure injection site swelling,Depignentiation of nasal plane injappropriate plan	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 10XIDS 440 Reason: Vaccination [State of health Good in Ambitish Good in Ambitish Good in Case report by the competent authority (IV)1: dog got vaccinated with Nobioxic Clepto and Nobioxic Clepto (Nobioxic Clepto) and Nobioxic Clepto) and Nobioxic Clepto (Nobioxic Clepto) and Nobioxic Clepto) and Nobioxic Clepto (Nobioxic Clepto) and Nobioxic Clepto) and Nobioxic Clepto) and Nobioxic Clepto (Nobioxic Clepto)	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 48 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death hydroxide reaction,Anaphylactic shock,Sudden death phylactic shock,Sudden death preumonia/Anaphylactic shock,Low blood pressure injection site swelling,Depignentation of nasal plane injappropriate plane	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 440 Reason. Vaccination] [State of health Good) of health Good) of health Good) of health Good in the health Good of health Go	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 4 4 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death hydroxide reaction,Anaphylactic shock,Sudden death phylactic shock,Sudden death preumonia/Anaphylactic shock,Low blood pressure injection site swelling,Depignentation of nasal plane injappropriate plane	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambitish Good in Ambitish Good in Ambitish Good in Ambitish Good in Campater and the Campater and t	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death hydroxide reaction,Anaphylactic shock,Sudden death phylactic shock,Sudden death preumonia/Anaphylactic shock,Low blood pressure injection site swelling,Depignentation of nasal plane injappropriate plane	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand. NOBINAC LEPTO 6 JOXIOS 440 Reason. Vaccination] [State of health Good) or health case of health Good) or health case of health Good in the state of th	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	
NOBIVAC L4	CHE-MERCIANSD-2017-	-CH-00023 :	Switzerland Switzerland	Animal Animal	Canine/dog	8 Week(s)	17/02/2017	02/03/2017	4 48 1	1 1:	18/02/2017 18/03/2017	R>-BR>-BR>Yes Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Pharyngeal oedema,NT - acute (intentials) preumonia/pleuropneumonia/Anaphylactic shock,Sudden death hydroxide reaction,Anaphylactic shock,Sudden death phylactic shock,Sudden death preumonia/Anaphylactic shock,Low blood pressure injection site swelling,Depignentation of nasal plane injappropriate plane	No Data	LEPTO*4[CT_CAM_GRIPP_BRAT] NB Brand: NOBINAC LEPTO 6 JOXIOS 540 Reason: Vaccination [State of health Good in Ambitish Good in Ambitish Good in Ambitish Good in Ambitish Good in Campater and the Campater and t	Other Shih Tzu Other	Not Known	12/11/2016-22/11/2016-98F-38F- NOBBVAC DHPPI 10XID5 480-C LETIO 6 10XID5 480-L LIVIA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA 24.1 Dose Not applicable 1 Animal (1/10/20/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-88F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA 24.1 Dose Not applicable 1 Animal (1/10/2017-11/10/2017-18F-SB-NOBBVAC LETIO 6 10XID5 480-L LAMINA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	

NOBIVAC L4	CHE-MERCRASS-2017-CH-00207	Switzerland	Animal	Canine/dog	7 Month(s)	08/05/2017	16/10/2017	1 1	0 2	3/09/2017	Yes, <br< td=""><td></td><td>No Data</td><td>Sispected lisk of expected efficacy: A Gog was vaccinated with Nobinz CIPPP and Nobinz Lepto 6 to 12A pc 213 and 68 May 2017. On 28 pc 2017 the day was presented to the vet Necauser of vorniting, anorexia and a painful abdomen. Blood showed thrombocytopenia, lexcocytosis, highly elevated kidney values (use a 724 mmoll), with upper reference of 3 and care 375 mmoll, with upper reference of 3 and care 375 mmoll, with upper reference of 150, highly phosphorus and elevated AP and AI. Tufne with a low USG of 1.016 with haematuria and ornepazole and buperenorphine. After 4 days the dog ate and improved clinically. Blood values improved over the red days. Leptopositoris-time (1255 pea and 100 CCC017): Leptoportyphosia (e1.100 L.1000). Leptoportionis (e1.100 color 100 color</td><td>Canine/dog</td><td>Not Known</td><td>NOBINAC DHIPPI IDXIDS 4401 JAN/NA/A, 24.1 DOES NOT applicable JANIMA (08/05/2017- 08/05/2017-08-BB-NOBIVAC LEFT 0.5 IDXIDS 440-1JN/N/A 24.1 DOES 1.AMIM (08/05/2017- 08/05/2017-08-BR-BRD</td><td></td><td></td></br<>		No Data	Sispected lisk of expected efficacy: A Gog was vaccinated with Nobinz CIPPP and Nobinz Lepto 6 to 12A pc 213 and 68 May 2017. On 28 pc 2017 the day was presented to the vet Necauser of vorniting, anorexia and a painful abdomen. Blood showed thrombocytopenia, lexcocytosis, highly elevated kidney values (use a 724 mmoll), with upper reference of 3 and care 375 mmoll, with upper reference of 3 and care 375 mmoll, with upper reference of 150, highly phosphorus and elevated AP and AI. Tufne with a low USG of 1.016 with haematuria and ornepazole and buperenorphine. After 4 days the dog ate and improved clinically. Blood values improved over the red days. Leptopositoris-time (1255 pea and 100 CCC017): Leptoportyphosia (e1.100 L.1000). Leptoportionis (e1.100 color 100 color	Canine/dog	Not Known	NOBINAC DHIPPI IDXIDS 4401 JAN/NA/A, 24.1 DOES NOT applicable JANIMA (08/05/2017- 08/05/2017-08-BB-NOBIVAC LEFT 0.5 IDXIDS 440-1JN/N/A 24.1 DOES 1.AMIM (08/05/2017- 08/05/2017-08-BR-BRD		
	CHE-MERCKMSD-2017-CH-00225	Switzerland	Animal	Canine/dog	1 Year(s)	06/09/2017	01/12/2017	1 1	0 0	5/09/2017	Yes, Yes	Diarrhoea, Vomiting, Anaphylaxis, Ap athy, Face and neck swelling (see also 'Skin')	No Data	Supercted adverse reaction: dog got vaccinated with Nobivac DHPPI and Nobivac Leptod on 15.ep. 2017. Within Inmittee dog showed pathy, wonting, darince and swollen head vet treated with Cortisone, Antihistamine and fluid infusion. Dog recovered within one day. Same vet reported cases 2017-CH-0025 and 2017-CH-00277. No more information expected. [Reson for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI DXICIDS 440 Reason: Vaccination Generic: LETDY-dIFICTAMOS,RIPP.BRAT] KB. Brand: NOBIVAC LETPO 6 IDXIDS 440 Reason: Vaccination.] [State of health: Good]	Chihuahua e	2	NOBIVAC DHPPI 10XIDS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (06/09/2017- 06/09/2017)-BR>-BR>NOBIVAC LEFTO 6 10XIDS 440 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (06/09/2017-06/09/2017)-BR>>BR>		
NOBIVAC L4	CHE-MERCKMSD-2017-CH-00226	Switzerland	Animal	Canine/dog	3 Month(s)	04/11/2017	01/12/2017	1 1	0 0	1/11/2017	Yes, Yes	Anaphylaxis,Respiratory distress,Apathy,Face and neck swelling (see also 'Skin'),Vomiting	No Data	Suspected adverse reaction: dog got vaccinated with Nobhac DIPPP and Nobhac Leptod on 0.6C 1.2017. Within minutes dog showed pathy, wornting, registrator y problems and swellen head. Vet treated with Deadreson. Dog recovered within one day. Same vet reported cases; 2017-CH.00225 and 2017-CH.00227. Nome information to sepected. [Reason for use for groduct; Generic: DIPPI IV Brandt. NOBIVAC LEPTO 6 10XIDS 440 Reason: Vaccination Generic: LEPTO*4[CT_CAM, GRIPP_BRAT] KB Brandt. NOBIVAC LEPTO 6 10XIDS 440 Reason: Vaccination [State of health: Good]	Boston Terrier	2.6	NOBIVAC DHPPI 10XIDS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (04/11/2017- 04/11/2017)-BRGRS-NOBIVAC LEPTO 6 10XIDS 440 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (04/11/2017-04/11/2017)-BR>-GBS>		
NOBIVAC L4	CHE-MERCKMSD-2017-CH-00227	Switzerland	Animal	Canine/dog	5 Year(s)	13/11/2017	01/12/2017	1 1	0 1	8/11/2017	Yes, <b R> >BR>Yes</b 	Face and neck swelling (see also 'Skin'),Apathy	No Data	Supercted adverse reaction: Oog got vaccinated with Nobinuc DHPP1 and Mobinuc Leptos Go 13 Nov. 2017. White minutes dog showed apathy and facial swellings, Net treated with Cortisione and fluid influidion. Dog recovered within one day. Same wet reported cases 2017-CH-00225 and 2017-CH- 0002E. No more information expected. Reason for use for product. Generic InPPPI UP Brand: NOBINAC DHPPI IDXIDS 440 Reason: Vaccination Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) KB Brand: NOBINAC LEPTO 6 10XIDS 440 Reason: Vaccination] [State of health: Good]	Crossbred	3.4	NOBIVAC DHPPI 10X1DS 440 - 1.N/A.N/A.24,1 Dose Not applicable 1 Animal (13/11/2017 - 13/11/2017)-BRBR-NOBIVAC LEPTO 6 10X1DS 440 - 1,N/A.N/A 24,1 Dose Not applicable 1 Animal (13/11/2017-13/11/2017)-BR>-BR>		
NOBIVAC L4	CHE-MERCKMSD-2018-CH-00007	Switzerland	Animal	Canine/dog	2 Year(s)	01/01/2017	11/01/2018	1 1	0 0	1/01/2017	Yes, <b R> >BR>Yes</b 	Anaphylaxis, Facial swelling (see also 'Skin'), Nettle rash (see also 'Skin'), Dyspnoea, Allergic pruritus	No Data	Sapected afverse reaction: A dag was vaccinated with Noblauc CHPP1 and Noblack Lepto 6 in Januar 2017. The dog reacted within some house with woulder face, purprise, path and pdayene. Dog was treated with Desafterone and recovered. No more information expected. Follow up 22 Jan 2018. Vedder code subpliess added [Reason for ure for product. Generic CHPP1 V Branch NOBIVAC CHPP1 IDXIDS 440 Reason: Vaccination] (State of health: Good)	/ French Bulldog	14	NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (01/01/2017- 01/01/2017):BR> >NOBIVAC LEPTO 6 10X1DS 401 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (01/01/2017-01/01/2017):BR> 		
	CHE-MERCKMSD-2018-CH-00008	Switzerland		Canine/dog		10/01/2018	11/01/2018	1 1			R> Yes	Anaphylaxis,Facial swelling (see also 'Skin'),Dyspnoea,Nettle-like rash (see also 'Skin'),Allergic pruritus	No Data	Supected adverse reaction: A dag was vaccinated with Nobwac DHPPI and Nobwac Lepto 6 on the 10 January 2018. The Operacted within Some hours with swollen face, puritur, says and depone. Dog was treated with Dexadesons and recovered. Same vet reported case 2018-CH-00007 for the same dog. No more information expected. FUZ Jan 2018. Vedelo code "Anaphysias" added. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI 10XIDS 440 Reason: Vaccination Generic: LEPTO 41CT, CANLAGRIP BRANT XB Brand: NOBIVAC LEPTO 6 10XIDS 440 Reason: Vaccination] [State of health: Good]	. French Bulldog	14	NOBIVAC DHPPI 10X1DS 440 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (10/01/2018- 10/01/2018-BR-~BR-NOBIVAC LEPTO 6 10X1DS 440 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (10/01/2018-10/01/2018)-BR~BR>		
NOBIVAC L4	CHE-MERCKMSD-2018-CH-00032	Switzerland	Animal	Canine/dog	2 Year(s)	09/01/2018	07/03/2018	1 1	0 2	8/01/2018	Yes, Yes	Increased percentage reticulocytes,Pale mucous membrane, Haemolytic anaemia, Fatigue	No Data	Supercted adverse reaction: A dog was vaccinated on 09 Jan 2018 with Nobwac DHPPI and Noblovac Lepto 6.2 weeks late, the owner noticed that the day was fragued. On 01 Fe 2018, the day was presented to the veterinarian for extraction of a tooth (remaining first incickus) and showed pale mucus membranes. The day was disposed the with hemolytic aemnia [breastorial 58% [reference range 35-57%], refliculocytosis], Screening tests for infectious agents or Coombs test were not performed. Day recovered without treatment [hemostoris 55% on 21 Feb 2018]. The same veterinaries reported case 2018-CH-00013. No more information expected. [Reason for use for product: Generic DHPPI LV Branch NORINAC DHPP 100105-644 Reasons Vaccination Generic: LEPTO*QICT.CAM.CRIPP.BRAT) 183 Brand: NOBIVAC LEPTO 6 10x105-440 Reasons Vaccination] [Statt of health: Conditions of the North Company of the North Conditions of the Nort	Labrador Retriever n	Not Known	NOBIVAC DHPPI 10XLIDS 440 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (99/01/2018- 09/01/2018)-BR->BR->BR->BR->BR->BR->BR->BR->BR->BR-		
NOBIVAC L4	DE-8VI-2014-1240	Germany	Animal	Canine/dog	16 Week(s)	15/03/2014	18/03/2014	1 1	0 1	5/03/2014	Not Known, Not Known, Not Not Known	Restlessness,Tachycardia,Urticaria, Hyperaesthesia,Facial oedema	. Not Known	* Reason(s) for treatment: Impfung. Setzen eines Chips Hund wird vorstellig mit mittelgradigem Kopfodem, Unruhe und Hypereisthesie die seit etwa einer halben Stunde bestellen, Hund ca. 4Stunden vor Vorstellung gemignt und geschipt, unz vor Beginn der Symptomatik mit Hummig gespiett Außerden Tachykarde von 240 Schägen pro Minute, Urtikaria am Bauch Venenwerweilkaltheter gelegt, Freistst in einer Dosis von 1 mag/ki intravenis gegeben, Insulsonstenped erardihn zigege Abschweilung des Kopfbereiches, etwa 1 Stunde später kein Kopfbdem mehr, keine Urtikaria mehr, Herzfrequenz wieder in den Referenzbereich gesunken am nächsten Tag Entlassung bei ungestörtem Allgemeinbefinden	Crossbred	7.8	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (15/03/2014- 15/03/2014/BR~BR>Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (15/03/2014- 15/03/2014/BR~BR>Nobivac T - N/A,N/A,N/A,N/A,N/A (15/03/2014- 15/03/2014)-BR~BR>	B - Possible	
	DE-8VI-2014-3147	Germany	Animal	Canine/dog	6 Year(s)	16/05/2014	17/06/2014	1 1		0/06/2014	No	Inappropriate urination,Urinary incontinence	Other	SAI: On 16 May one dog was vaccinated with Nobava: L4 for the first time. In the evening the dog was once unitating inside the appartment. Then the dog was fine again. No causality relation was seen by the owner. At booster vaccination on 10 Jun 2014 (off-label as revaccination was performed to cearly the dog showed the same and need sty several times inapportate unitation in the apartment. Unreteting was performed by the vet and showed no abnormal results, past from a low specific weight of 1008 (reference > 1003) was found. The veterinarias level of suspicion is unclassible. Follow-up pending: IV 24 Jun 2014: The symptom after second vaccination on 10 Jun lasted for some days. The dogs had recovered apport. Is Jun 2014. No further problems were observed. IV 15 Jun 2014: Interfer information received from the KCA was electronic importation: incorribence, unler examination: output was tight value, transparent, pecific weight 1008, Protein negative, environeyers negative, affective was the second of the control) f	31.2	,N/A,Grundimmunisierung (16/05/2014-10/06/2014) - 188~- 688~	N - Unlikely	
NOBIVAC L4	DE-BVI-2015-7825	Germany	Animal	Canine/dog	2.5 Year(s)	27/10/2015	07/11/2015	1 1	2	9/10/2015		Urticaria, Pustules, Pruritus, Allergic reaction, Facial oedema	No Data	Allergische Reaktion, Juckreiz, Jupf. Urlikaria, Pusteln um Schnauze, Maul, Augen und Achsein. Geschichtsdoen. Nach 77 Eigen eingeleitete Therapie mit Prednisolon und Amoxicillin-Clavulan. * Reason(s) for treatment: Jahresimpfung	Shih Tzu	7.1	Nobivac L4 - 1,1,1 Years, 10,Jahresimpfung (27/10/2015- 27/10/2015-BR-SBR-Nobivac SHPPI - 1,1,1 Years,10,N/A (27/10/2015-27/10/2015)-BR>SBR>	B - Possible	

NOBIVAC L4	Germany Animal	Canine/dog 5 - 6 Year(s)	15/08/2016 2 1	01/09/2015 Not Norwin-GRBBA -GRBBGR- AGRBBGR- AGR-BBGR- AGR-BB A	Not work of the day a report from the treating set is enclosed. The day "kina" (crossbred firetone) from the treating set is enclosed. The day "kina" (crossbred firetone) from Cyprus (in Ed since April 2015) was presented to the veil in Julia" 2015. The shoot was tested positive for Cyprus (in Ed since April 2015) was presented to the veil in Julia" 2015. The shoot was tested positive for negative) (intality no therapy was starred as the day did not show any clinical signs. After some weeks the day growed pain and comparison as evenes to caracians and was aparted. She also showed clinical to caracians and was aparted. She also showed clinical to consider a force of the muscles of the neck and the trust and was sensible to tooch at the lumbar side. He dog flad to be presented three times at the emergency opening time at the vet and was treated with Cortison injections (what is contraindicated in Replatozono canis positive dogs). She also showed unconsciousness, general weakenes, hyperthemia and redding a flad the abdominal skin is wasy sting was suspected as cause). The owner was then addiced to present the dog to a set clinic listan was treated with Doughout (locating one) and the abdominal skin is wasy sting was suspected as cause). The owner was then addiced to present the dog to a set clinic listan as treated with Doughout (locating one) and after about 40 days additionally with hijection of Carbesia in sept 2015, INCA comment: active substance: initialized. "APP one tollicense find or Carbesia in sept 2015, INCA comment: active substance: initialized." APP one tollicense find or product "turn" finder the skint, the second injection was done by the vet. According to the vert or ponds: "Turn" finder the skint, the second injection was done by the vet. According to the vert product "Turn" finder the skint, the second injection was done by the vet. According to the vet's report, 3 days after the second carbesia injection, the dog was apathete and the injection is the was warm. No further treatment, after these	01/05/2016)-BR>-SBR>Nobiv. N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	0- performed the L4
NOBIVAC L4 DE-BVL-2016-6987	Germany Animal	Canine/dog 1.5 Year(s) 13/06/20:	16 22/08/2016 1 1	25/06/2015 Yes, citR+citSt-cit monal moderning Reddening of the R-DR Not Kinown, citR+cit Min Pruritus, Scale Kinown, citR+cit Not Known, citR+citR+citR+citR+citR+citR+citR+citR+	with Noblwas SHPPL4 T at the 13-06-2016, Bravecto was given to the owner of a dog for a domination of the state of pruritus and mediening at the abdominal skin, the inner thight and the pinnes since 2 days. The clinical examination was without abnormal findings and the vet prescribed a special shampoo (Allercalm). At the 08-07-2016 the dog was presented again with continuous purultus, massive scaling and redefined, Clinical examination still without special infunites, further diagnostic for ectoparasites negative, skin cytology without abnormal findings. Different explanations were discussed (e.g. a tope, food allegy, problems due to change of cost in young dogs, congenital inthriposis) but no further diagnostic was desired by the owner. The dog was treated with Delmoscent (spot on with that yadis) and shampoo. At the control is the 0-50-816, no improvement were seen and the owner sked if this could be an adverse reaction to Bravecto. Skin blogory was advised but is not planned at the moment. Note by MAR: In the initial case, as succeim the product "Noblwas CHPPLA" was coded. As such a vaccine desert it exist and this name probably stands for the combination of Noblwas CHPPLA" revidening of the skin of an individual (suspect) products. In the initial case, the VeODAR-terms "purities," redefining of the skin "and to approve cloud, all with start date 25 Jul 2016 which doesn't correspond to the case description. Therefore this date was changed to 25 Iun 2016 for the codes "purities," redefining of the skin "and to approve old, all 2016 for the code "purities," redefining of the skin "and to approve old, all 2016 for the code "purities," redefining of the skin "and to approve old, all 2016 for the code "purities," redefining of the skin "and to approve old, all 2016 for the code "purities," redefining of the skin "and to approve old, all 2016 for the code "purities," redefining of the skin "and to a	Labrador 3.0.4 Bravecto. 1000 mg Kurablett große Hunde (2x-0 40)g. 1 J.N/AN/A_24,1 tabl. once (13/06/2016-) 1.3/06/2016-BR-SR-Nobis-N/AN/AN/A,NA/AN/A (13/06/2016-BR-SR-Nobis-SPR-N-Nobis-	performed inc L4 - //2016- inc C4 - //2016- inc C7 - //2
NOBIVAC L4 DE-BVL-2017-01668	Germany Animal	Canine/dog 5 Year(s) 02/03/20:	17 22/03/2017 1 1 0	O4/03/2017 Not injection site inject	Not Modient Kollege schreibt: Vorberichtlich Agathie und Inappeteur seift 3.3 macht leicht gedämpften Norwe Einder keit Untersachung Ricken angespannt, USB ereich schnerenhaft, Allgemein Abgeschägenheit nach Impfung. V.a. beginnenden Infekt. SAR received from the NCA via electronic import on 22 Mar 2017, Instrante beranstated from German to English, Emengeny colleague writes: Anamerstically apathly and inappetence since 04 Mars; gives a slightly subdued impression during examination. The back is tense, area of the bunkar gine is painful, peneral telharigp post succination, suspicion of beginning infection. MAH comment: Additional information from Product screen (Call History - Vaccination on 6 Re-2018 with Nobus-SPIPH-Lat-1 Author problems. Falm in the area of the injection site, signs of a beginning infection. Due to this information veraffix code 'njection site pan' was added. [Reason for user for product: Generic: CANUR PRANTIVELENZAL YEAR NOBIVAC PI DIXIDS 620 Reason: Routine Vaccination Sante of health: Unknown) * Reason(9) for treatment: Acutoriempfulgr	Not Applicable 4.8 Noblase 14 - M/NA//A N/A 2.4 Unknown Undrown Unline (02/03/2017- 02/03/2017- 02/03/2017/=887~887-Noblas 1.1.1 Years.1,0.8.2.1.6 Noblase SEPPI-L47 groblemios (02/0 02/03/2017)~≤BR> 2.	ic Pi -
NOBIVAC L4 DE-8VL-2017-03820	Germany Animal	Canine/dog 1.5 Year(s)	02/06/2017 1 1	18/05/2017 Yes,-GR>-GR>-BS-48 R>-BR>-GR>-MS by stem depression in Knows,-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>	Not Now Reason for treatment: flea and tick prevention A dog (Border Collie-Mix, female, born 10-12-2015, 15kg) was treated with Bravecto at the 18-03-2017 at 10 th . Six hours late, the dog started with trembling, incoordination, hiding and sentiativity to light. The dog was therefore presented to global as Behavioural disorder! The reurological examination showed reduced and incomplete pull light reflex (the pupil only closed very slowly and not completely - only until 1/3). Further examination was without abnormal findings (general condition, critication etc.). The dog was treated with homeopathics and recovered within 4hrs. Note: the dog was vaccinated with 519+1.4± BBP+ T from Nobbaco one day before (17-55-17). MAN comment the attending vet also forwarded the adverse reporting form to MAH via letter (date first received 24 May 2017). No additional data were reported	Border Collie 15 Bravecto 500 mg Kautablette mrittelgrolie Hunde [5-10-20 kg 1,1/k/A/k/), 2-1,10 Fonce 1 and (18/05/2017 - 18/05/2017 - 18/05/2017) - 18/05/2017-18/05/201	s) - performed mal
NOBIVAC L4 DE-BVL-2017-04989	Germany Animal	Canine/dog 6 Year(s)	27/08/2017 1 1 0	02/06/2017 Not Bestlesness/typersallvation/impa Not Novays.GR>-GR> disk Vision/Comvusion/Falling-Proteinur Not Known,sRP-SR t Nown,sRP-SR t Novays.GR-SR t N	IN NOT Beason for treatment: Lick prevention A dog [Ministure Schnauser, male, 3.88, 6] was presented to NOTH to provide the provided of the	Schnauzer	0.1.3 kc L4 (N/A- I) - eer

	DE-BVL-2017-05183	Germany	Animal	Canine/dog	12 Year(s)	06/06/2017	16/06/2017	1 1		07/06/2017	Not Known, Not Known, <td>Apathy,Inappetence,Hypersalivation</td> <td>Not Known</td> <td>was vaccinated with Nobivac PI/L4 and treated with Bravecto at the same day (96-66-2017). The next day, the dog showed hypersalivation and inappetence and apathy for three days. No vomiting or distributes.</td> <td>Australian Shepherd Dog</td> <td>8 1 ((0 1 0 1</td> <td>Bravecto 1000 mg Kautabletten für große Hunde (>20-40 kg). 1,N/A/N/A 24,1 tabl once 1 animal (05/06/2017- 05/06/2017-BR> Nobivac L4 - 1,N/A/N/A 24,N/A (06/06/2017- 05/06/2017)*BR>BR>Nobivac PI - 1,N/A/N/A, 24,N/A (06/06/2017- 05/05/2017)*BR>BR></td> <td></td> <td></td>	Apathy,Inappetence,Hypersalivation	Not Known	was vaccinated with Nobivac PI/L4 and treated with Bravecto at the same day (96-66-2017). The next day, the dog showed hypersalivation and inappetence and apathy for three days. No vomiting or distributes.	Australian Shepherd Dog	8 1 ((0 1 0 1	Bravecto 1000 mg Kautabletten für große Hunde (>20-40 kg). 1,N/A/N/A 24,1 tabl once 1 animal (05/06/2017- 05/06/2017-BR> Nobivac L4 - 1,N/A/N/A 24,N/A (06/06/2017- 05/06/2017)*BR>BR>Nobivac PI - 1,N/A/N/A, 24,N/A (06/06/2017- 05/05/2017)*BR>BR>		
NOBIVAC L4	DE-DEPEIVP-2013-0412	Germany	Animal	Canine/dog	5 Year(s)	26/07/2013	05/08/2013	1 1	2	26/07/2013	Not Known,
 Not Known</br 	Reddening of the skin,Shaking,Allergic skin reaction,Pruritus	Not Known	stark gerötete Ohren, heftiges Schüttein, Kratzen an der Injektionsstelle, allergische Reaktion	Not Applicable	(; 2 N	Nobivac L4 - N/A,N/A,N/A,N/A,N/A, (26/07/2013- 26/07/2013/-BR> Nobivac SHP - N/A,N/A,N/A,N/A,N/A (26/07/2013- 26/07/2013/-BR> 	B - Possible	
NOBIVAC L4	DE-DEPENYP-2014-0020	Germany	Animal	Canine/dog	7 Year(s)	11/11/2013	10/01/2014	1 1	1	15/11/2013	NO, NO, BR>CBR>NO, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C	Injection site abscess,Pain NOS,Lateral NOS,Lateral recumbency,Apathy,Fatigue	Not Known	Apathe. Algoschlagenheit, Setenlage, Schmerz Abseiblüdung bestierts in setlicher Thoraxwand, set unfangreich. Stellungshein MoM-I allmumen Ge FAUINTVIN 2014-0E-00058 (original narrative of the case is received from the FE (translated to English): "Apathy, fatigue, lateral recumbency, pain. Formation of abseise bilberally at the lateral thraze-wall, very Jang-Note 111 according to the entiries in the other database screens, the dog was succinated on 11 Nov 2013 with Notivac T, Notivac La and Nobious STHP), which represents an extra-belue use for Nobious-Le and Nobious-STHP). The reactions started on 15 Nov 2013 and the dog was olavy again after 10 days. Note 87: due to the clinical picture of apstry combined with lateral recumbency and large abscessation, the case was classified as serious. (Reason for ruse for product. Genetic RABIES IN ALU ADULVANT KU Brand- NORVACT 1 SIXIES DIR Beasons' Vaccination/Prophysias Genetic: LEDTO-4(ECT, CDMP) LA Brand-NOBIANC Brand-NOBIANC LE SIXIES STREAMS AND STREAMS AND STREAMS CONTINUED AND STREAMS AND S	Border Collie	(; 1 S (; 1	Nobinac Ld - N/AN/AN/A N/AN/A 11/11/2013/BBR-SBR-Nobivac 11/11/2013/BBR-SBR-Nobivac 11/11/2013/BBR-SBR-Nobivac 11/11/2013/BBR-SBR-Nobivac T 11/11/2013/BBR-SBR-Nobivac T 11/11/2013/BBR-SBR-Nobivac T	B - Possible	
NOBIVAC L4	DE-DEPENP-2014-0021	Germany	Animal	Canine/dog	6 Year(s)	17/12/2013	10/01/2014	1 1		23/12/2013	No, <b R> No, KNO KNO KNO KNO KNO KNO KNO KNO KNO KNO</b 	Injection site abscess,Inappetence,Apathy,Fatigu e	Not Known	Apathie, Algoschlagenheit, Inappetent Lokale Reaktion ca. handfülchergoof am seilt. Thorax ca. 100 mil Eter alsgoput Missenhild (degenerier enutropille und ohr weige freie fakterierin der Falbung sichtbar. Stellungsuhme MAH, Fallnummer: Der NLINTVINT-2016-06-00057 On 17 Dec 2013 one dog was vaccinited with Noblows: Cath Phys. Noblave: L and Hobbuser: On 23 Dec the dog showed apathy, faltique and inappetence. A local reaction of the size of a hand pain was at the lateral thorax and approx. 100 mil paws sup porturber. Massive amount of depenrated metropilism and only a small amount of fire bacteria were violite after staining. Reason for use for product: Generic. IETO-VIELTC AMURP JOHN JOHN LOWING LES SOUGOS Affections Viscontino Generic: TUTO-VIELTC AMURP JOHN JOHN LOWING LES SOUGOS Affections Viscontino Generic. WAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: WAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: WAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: WAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: MAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: MAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: MAR SOURCE AMURP JOHN LOWING LES SOUGOS Affections Viscontino Generic: MAR SOURCE AMURP JOHN	Not Applicable	(; 1 S (; 1	Nobiwac L4 - N/AN/A,N/A N/A,N/A 17/12/2013) - 17/12/2013) - 17/12/2013) - 18/12/2013 - 18/12/2013 - 11/12/2013 - 17/12/2013 - 17/12/2013 - 17/12/2013 - 17/12/2013 - 17/12/2013 - 17/12/2013 - 17/12/2013 - 18/12/2013 - 18/12/2013 <br< td=""><td>B - Possible</td><td></td></br<>	B - Possible	
	DE-DEPEIVP-2014-0049	Germany	Animal			20/01/2014		1 1			No, <b R> No</b 	Eyelid oedema,Facial oedema	Not Known	1100 Uhr Imfgung II Thoraswand 14:00 Uhr LidoGem v. 3. II 16:45 Uhr Gesichtsodem 17:20 Uhr Pedridsolon s. C. Neu Le v. Follow up Interver Fallmurmer De HAUTNITH/12:104-000700 A. dag was vacchasted with Noblacc SHPJ and Nobbacc 14 (off Liabel: simultaneous use) on 30 Jan 2014, 11:00. At 14:00 the animal owner called the vet and reported that the left eye lid is swollen, for rigit only low gade swelling. At 15:00 no swelling of the eye lid, but at 16:45 sedema on head, no respiratory wyngtoms. Teatment with Decaderson intravenously and Periodicion subscardances. At 23:00 the dog showed minimal swelling on the srout. On 21 Jan dog recovered. [Reason for use for product: Generic: UPPID VI Starla ANDBWCX SHPS 10XISI 222 Reason: Vaccination Generic: LEFTO*4(TC,TAM,SRIPS/BRAT) KB Brand: NOBINAC L14 10XIDS 540 Reason: Vaccination] (State of Insults).	Not Applicable	(; 2 S	Nobiwa: L4 - N/A,N/A,N/A,N/A,N/A,20/01/2014 20/01/2014>BR> >Nobiwa: 5HPPI - N/A,N/A,N/A,N/A,N/A,20/01/2014-20/01/2014\>BR>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2014-0097	Germany	Animal	Canine/dog	1 Year(s)	29/01/2014	10/02/2014	1 1	ol a	29/01/2014	No, <b R> No, BR> Known</b 	Pruritus,Facial oedema	Not Known	Proutus, massive Schwellungen im Gesicht, Leftzen, um Augen, Konjauctiven. Symtomdauer ungefähr, ca 1,2 Studen acht inpfung mit hoher Cortisondosis behandet. *Reason() for treatment: Prophylaus Stellungshine MMH, Fallmunmer: DE-NILINTVINT-2014-DE-000109 SNE: Pruttus, massive swelling in the face, jour, acoust the very and conjunctive. Approv. QS hours after vaccination high dose cortisons treatment was performed. End of symptoms after 6 hours.	Golden Retriever	(; 3 5 (; 3	Nobiwac L4 - N/A,N/A,N/A,N/A,N/A (29/01/2014- 30/01/2014)-8R>-RSP-Nobiwac SHPPI - 2,N/A,N/A,10,N/A (29/01/2014- 30/01/2014)-8R>-RSP-Nobiwac T- N/A,N/A,N/A,N/A,N/A (29/01/2014- 30/01/2014)-6BR>-SBP>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2014-0129	Germany	Animal	Canine/dog	4.5 Year(s)	03/02/2014	26/02/2014	1 1	c	03/02/2014	No, <b R>BR> No, BR> BR> Known</b 	Vomiting,Wheal,Pruritus,Conjunctiv al oedema	Not Known	Hand hat nursichst einmalig erbrochen, anschließend geschwollene Konjunctiven und Quaddeh am Baach mit Starken Juckreit am gesamten Körper Therapie: intitial Zing/kg Pednisolon s.c. und Prednisolon sing Tablette nuch ca. 10h "Reason(s) for reatment: Jihnickle imphrophylavas gegen SHPPLAT Stellurgnahme MMH, Fallmurimer: DE-NLINTINT-2014-DE-0012 Ch 3 Feb 2014 one dog was vaccinated for yearly immuno popylavas with Noblove S-PPIN, Noblove L 1 and Noblove T. First the dog showed vomitting for one-time, afterwards swollen conjunctiva and urticaria at the abdomen with severe puritius at the entire body. The dog was treated initially with T grifty gerbeidsolon s.c. and a 5 mg Prednisolon tablet was given after approx. 10 h. The duration of the event was 10 hours.	Chihuahua	() S () O N	Nobivac L4 - N/A,N/A,N/A,N/A,N/A, (03/02/2014- 03/02/2014/8R>CBR>Nobivac SHPPI - N/A,1,N/A Years,N/A,N/A (03/02/2014- 03/02/2014- 03/02/2014/SBR>CBR>Nobivac T- N/A,N/A,N/A,N/A,N/A (03/02/2014- 03/02/2014/SBR>SBS>	B - Possible	
NOBIVAC L4	OE-DEPENYP-2014-0229	Germany	Animal	Canine/dog	3 Month(s)	17/03/2014	18/03/2014	1 1		17/03/2014	Not Known, BR> SRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-	oedema,Facial oedema,Allergic	Not Known	ca. 30 Minuten nach der Impfung waren die Besitzer wieder vorstellig, das der Welpe Ödematisce Schwellungen der Augendier auf wiss. Keissin (1972/81) und Auftung waren staßt. Das de Symptomatist nicht schwerwiegend war, erfolge eine Injektion Spranenlass (Plantavet). 4. Studen nach der Impfung erhach der Hund, das Alg. Bef. har erdeutert, die Schwellung ein Schoglen ist ohn augebreitet bis in de Ohspitzen, Artmung und Kreisfauf waren staßt, 17 33,2" im Bereich der linken Injektionsstelle gard. s. C. Schwellung Er Desamethason 50 Fm, Riege-Lackst 100 mil 5. er Beasonigl for tertament: Impfung Kolboxa SPPIRL4 +T (mod.) der Hund wurde in Polein mitter von 6 und 8 Wochen mit entsprechendem Impfastiff Gundimmunisteri Duplikat von MAH-DENLINIVITAT-2014-6-002615. Spoeterd adverse reaction: On 17 Mar 2014, a dog was vascinated with a mixed syringe of Nobivac-SPPI and Nobivac Life and 24 at different palpications site? with Nobivac-T. After 1 nour, the owner sometime with the adversarial special formation, After 3 hour, the owner called to report that the dog was now also vonsiting and was very floppy. Treatment with desamethasione was performed, thereafter clear improvement occurred. As the owner hands rocated with based care and some site of the site of	Labrador Retriever	(: 1 S L B A (: 1	Nobwa CL - N/AN/AN/A N/A/A/A/A 1/703/2014 1/703/2014 19703/2014/8R>-8BN-Nobbwa 189F- N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	B - Possible	

	DE-DEPENYP-2014-0327	Germany	Animal	Canine/dog	13 Year(s)	10/04/2014	17/04/2014	1 1	o	10/04/2014	Yes, <er< td=""><td>Vomiting Anorexia, Not eating</td><td>No Data</td><td>SAR: On 10 Apr one dog was vaccinated with Nobiuse SIPPI and Nobiuse 14 (no thrown if administer concurrently or imituatineously) lettra-billed for prophylatic reasons. Approximately 1,5 hours after vaccination the dog showed vomiting. The next day the dog was unwilling to eat and also showed vomiting. According to the owner for 5 days the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and inspectence. The owner did not want to perform Blood analysis or x-rays. The dog is fed with rhicken bones. The owner did not want to perform Blood analysis or x-rays. The dog is fed with rhicken bones for use for product: Generic: LEPTO*4(CT_CAM_SIRP)BRAT] KB Brank NOBINAC_LE 10XIDS-540 Reason: Prophylaxis Generic: OPPIP II SURIA COR Brackson: Prophylaxis (State of health: Unknown) (a. 1,5 Std. nach Impring erfolge Erforechen, ann alchten Tag Fressuniust und welters Erforechen. Bestlare haben 5 Tage algeburarter, in denn inchis gefferen worden sen sind, Erforechen erfolgte wetterlin. Am S. Tag symptomatische Therapie mit Cerenia und Metamiolo und Ranktidin bracknets 17 ag Besserung, hearte glodch welder Erforechen und Inappetern, wetterlin werder Blutuntersuchung und Röntgen abgelehnt. *Reason(s) for treatment: Prophylaxe</td><td>d Not Applicable</td><td>Not Known</td><td>Nobiwa: L4 - N/A/N/A/N/A/N/A/N/A/I (1)(0/4/2014- (1)(0/4/2014-IRR->BR->Nobiwa: SHPH- 1,11 Months, N/A,Umstellung auf Nobiwa: SHPH und L4, in Wochen sollte Boosterimplung erfolgen. (10/04/2014-10/04/2014)</td><td></td><td></td></er<>	Vomiting Anorexia, Not eating	No Data	SAR: On 10 Apr one dog was vaccinated with Nobiuse SIPPI and Nobiuse 14 (no thrown if administer concurrently or imituatineously) lettra-billed for prophylatic reasons. Approximately 1,5 hours after vaccination the dog showed vomiting. The next day the dog was unwilling to eat and also showed vomiting. According to the owner for 5 days the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and showed vomiting. Of 50 this day the dog was not eating annihing and inspectence. The owner did not want to perform Blood analysis or x-rays. The dog is fed with rhicken bones. The owner did not want to perform Blood analysis or x-rays. The dog is fed with rhicken bones for use for product: Generic: LEPTO*4(CT_CAM_SIRP)BRAT] KB Brank NOBINAC_LE 10XIDS-540 Reason: Prophylaxis Generic: OPPIP II SURIA COR Brackson: Prophylaxis (State of health: Unknown) (a. 1,5 Std. nach Impring erfolge Erforechen, ann alchten Tag Fressuniust und welters Erforechen. Bestlare haben 5 Tage algeburarter, in denn inchis gefferen worden sen sind, Erforechen erfolgte wetterlin. Am S. Tag symptomatische Therapie mit Cerenia und Metamiolo und Ranktidin bracknets 17 ag Besserung, hearte glodch welder Erforechen und Inappetern, wetterlin werder Blutuntersuchung und Röntgen abgelehnt. *Reason(s) for treatment: Prophylaxe	d Not Applicable	Not Known	Nobiwa: L4 - N/A/N/A/N/A/N/A/N/A/I (1)(0/4/2014- (1)(0/4/2014-IRR->BR->Nobiwa: SHPH- 1,11 Months, N/A,Umstellung auf Nobiwa: SHPH und L4, in Wochen sollte Boosterimplung erfolgen. (10/04/2014-10/04/2014)		
	DE-DEPEIVP-2014-0329	Germany	Animal	Canine/dog	8	03/04/2014	13/05/2014	1 1		05/04/2014	Not Known, BR >BR>BR>CBR> Not Known	Injection site swelling,Fever	Not Known	Nach 3 Tagen deutliche Schwellung Thorrawand. Felber SAR: On 3 Apr 2014 one dog was vaccinated with Nobinez L 6 and Nobiave? (if off-label up., After 3 days svible swelling at the thoracic wall was seen. Also fever was observed. No information available regarding concurrent or simultaneous use of the products. Additional information. According to the Nach, the vet entered 3 pp. 2014 as start date symptoms in the original report. Although this information is contradictory to the narrative, it was entered as start due of vomations.		3 13.5	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (03/04/2014- 03/04/2014)-BR> Nobivac Pi - N/A,N/A,N/A,N/A,03/04/2014- 03/04/2014)		
NOBIVAC L4	DE-DEPEIVP-2014-0530	Germany	Animal	Canine/dog	3 Year(s)	12/06/2014	04/07/2014	1 1	0	12/06/2014	Yes	Behavioural disorder NOS	No Data	sehr ruhig keine Behandlung nötig * Reason(s) for treatment: Impfung The dog was very silent.	Labrador Retriever	52	Nobivac L4 - 1,1,2 ,N/A,Grundimmunisierung (12/06/2014-03/07/2014) 	B - Possible	
	DE-DEPEIVP-2014-0534	Germany	Animal		1 Year(s)		07/07/2014	1 1		18/06/2014	Not Known,
BR> Not Known,
BR> Not Known</br </br 	,	Not Known	Lefzenschwellung, Juckreiz, Unruhe, Polydipsie, T 38,7 C Behandlung mit 0,3 ml Dexamthasone.	Not Applicable	5.6	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (N/A-N/A) - RN-S-RN-biviac SHPPi - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,		
	DE-DEPEIVP-2014-0649	Germany	Animal	Canine/dog	6 Year(s)	07/08/2014	15/08/2014	1 1		07/08/2014	Not Known,
 Not Known</br 	Facial oedema	Not Known	Ödem auf Naservicken, Hals ventral, augen, Atmung nicht beeinträchtigt. Besitzer hat mit Prednisolon (2x 1mg) selbst behandelt	Not Applicable	7	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (07/08/2014- 07/08/2014) BR> Nobivac SP - N/A,N/A,N/A,N/A,N/A,N/A (07/08/2014- 07/08/2014-BR> 	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2014-0719	Germany	Animal	Canine/dog	16 Week(s)	02/09/2014	09/09/2014	1 1		02/09/2014	Yes, <b R>BR>CBR>Yes, CBR>CBR>CBR>CBR>CBR>CBR>CBR>Yes</b 	Facial oedema	No Data	Behanidung mit Predmisolon 1% - Agis nachdem rechtes Auge fast zugeschwollen = linkes Auge + gesamter Gesichtsschädel deutlich angeschwollen waren. Schwellung ging nach injektion sofort zuück.	Not Applicable	6.4	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (02/09/2014- 02/09/2014-8R>-8R>-Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (02/09/2014- 02/09/2014-9R>-BR>-Nobivac T - N/A,N/A,N/A,N/A,N/A (02/09/2014- 02/09/2014)-BR>-BR>	B - Possible	
	OE-DEPENYP-2014-0745	Germany	Animal	Canine/dog	10 Year(s)	25/08/2014	09/10/2014	3 3		01/09/2014	Yes	Thrombocytopenia, Tachycardia, Ab dominal pain, Dirhrebe, Digestive tract disorder NOS, Yomiting, Weakness, Weight loss, Abnormal text result, General illness, Electrolyte disorder	No Data	Medium Teinarti. Am OL 09. 2014 Vorstellung mit Druchfall und Ethechen. Keine Besseuring nach Nahrungenzing und Metoclopriand. Obserweitung ind eit Kinik. Hig - reduliertes Allgemeiteefinden. Blutergebnisse und Bericht siehe Kopien. Hig. Thromborytopien. ATA negativ, Verdacht auf Reaktion and die Impfrigue. Medium Higher Schriften von Higher von	1	22.2	Nobwe L4 - N/AN/AN/A N/AN/A (25/08/2014-25/08/2014)+BR>- BR>-	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-DEPENYP-2014-0880	Germany	Animal	Canine/dog	3 Year(s)	09/10/2014	07/11/2014	2 1		09/10/2014	Not Known, sBx>sBx -SBx-SBx-SBx Not Known, sBx>sBx-SBx Not Known, sBx-SBx-SBx-SBx Not Known	Urticaria, Polytijpsia, Pruritus, Facial oedema	Not Known	13.0 2014. 13 Uhr impliung SHIPPT Hobitosic Inist Thirtians and die Robbisch rechts (Thirtian) 4.15 Uhr character (Uniform) againstein adulomen, undersine, Robbisphale (adulentition) 4.15 Uhr Character (Uniform) againstein adulomen, undersine, Robbisphale (adulentition) 4.15 Uhr Character (Uniform) 4.15 U	s	3 11	Nobinut d.4 - NI/AN/AN/A N/AN/A (99)10/2014- 09/10/2014-088-c88-Nobinut 99PH-NA/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	B - Possible	

	DE-DEPENYP-2014-0925	Germany	Animal	Canine/dog	9 Year(s)	27/10/2014	30/10/2014	1 1	0 2	7/10/2014	> <br-6r-br-nr Not Roown, GR-GR -<br-gr-gr-r NGR-GR-NGR-NGR-NGR NGR KROWN</br-gr-gr-r </br-6r-br-nr 	to standJ,ymphopenia,Flevated	Not Known	wurde beim 17.4 mit Predictiolon und Noveligh behandelt. Am Abend wurde der Patient in unsere (Bink) Überwiesen, Her wei des in Estrapares mit vohandenem Estenchmer diagnostiert. Blutchenig, Elektrolyje und Haemstologie waren unsurfäligi, tymphopyten waren mit J. Ok (Vpl nur sehr leicht vermindert. Der Patient wurde stationa singemomenen und mit Mediate-soluble 152 mg und Influsionsherapie behandelt. Am folgenden Tag war bereits eine deutliche Besserung zu beobachten, odessa der Patient am 25.0.2014 gewund entlässen werden konnte. * Reason(s) for teratemet: Jahliche Impfung Stellungsahme MAH- Fallnummer: Der NLINTWINT-2014-DE-01470 Susp Adverse Reaction 10.7 20.1 als het morning ab (ginede breed) was vaccineted with Nobelox Lel for the first time and with other unknown vaccine(s). On the same day in the afternoon the dog showed storag paralysis symptoms and was forwardet of a veterinary clinic, where the dog is still treated in the meanwhise the dog is doing better, but is yet unable to stand on its own. The dog was treated with meanwhise the dog is doing better, but is yet unable to stand on its own. The dog was treated with the original calast. He dog was speculated with Nobelox Lel was developed to the original calast. He dog was speculated with Nobelox Lel was developed to the original calast. He dog was speculated with Nobelox Lel was developed to the original calast. He dog was speculated with Nobelox Lel was under do hobber Paren by the family still present. Blood chemistry, electrolytes and haematology were without findings, only lymphorytes were slightly decreased (Lo K/µl). The paster was hospitalised and treated with Mediate-solubile 125 mg and infusion. On the next day a marked improvement was seen, so that the dog could be released home healthy no 20 Oct 213 Lel Cholou up 19 ans 15 : Hob dog had been presented to the family vectionation Generic. CANNE PARNULO LY LA CARRIP BRABAT VB. Branch NOBWAC LE 3 50015 540 Reason: Vaccination Generic. CANNE PARNULO LY Stand. NOBWAC PARVO L	Not Applicable	0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Nobivac L4 - N/AN/AN/A, N/AN/A 27/10/2014- 17/10/2014-BBS-VBR-Nobivac Paro - N/AN/AN/A A/AN/A 27/10/2014-BBS-VBR-Nobivac 27/10/2014-BBS-VBR-Nobivac PI- (NA)/AN/AN/AN/AN/A/2/710/2014- 27/10/2014-BBS-VBR-Nobivac PI- (NA)/AN/AN/AN/AN/A/2/710/2014-BRS-VBR-Nobivac PI- (NA)/AN/AN/AN/AN/AN/A		
NOBIVAC L4	DE-DEPENYP-2014-0944	Germany	Animal	Canine/dog	10 Year(s)	06/10/2014	02/02/2018	1 1	1 6	77/10/2014	R> >Yes	Spienomegia), Vieatr murmar Abdoming Gall bilader & bile duck disorder NOS-Hepatomegal/Lettens, Polydiga ja, Joint iag, Joint ja, Joint	No Data	Belicht der Besitzer - Hund "schon immer" empflindlich auf impfung reager - 24m nach Pi/L4 impfung o wirkte der Hund igsendwe schmerzhäft am parene Köprer, dann immer öfter Zitzer-Anfalle, mochte cisch nicht mehr bewegen, stand nur mit eingeslemmiten Schwarz. Settz viel Urin ab, auch im Ha TU 25 Nov 2014: The dop ind strongly deteriorated chincilin, Oreging acties and no more fool ritake. On 9 Nov 14 the dop was euthanized. No postmortem or further diagnostics were performed because the owners didn't wast 1- Zee locked. Light viewerheit Haustierart rach 13 dau digest. Propentolyfilmum Tü. verorderte Uffinische Alle, - Untersuchung Frisst normal, Kot 0, LB., hat ca. 400g Armen didn't wast 1- Zee locked. Light viewerheit Haustierart rach 13 dau digest. Propentolyfilmum Tü. verorderte Uffinische Alle, - Untersuchung Frisst normal, Kot 0, LB., hat ca. 400g Armen der Verorderte Schwarz vom 19 der Verorderte Verorder	Other Canine/dog	0	Noblwa Ct 4-1M/A/N/A, 24,1 Dose 1 0se (66/10/2014 Nof-10/2014)-BR-V-BR-Noblwac Pi- NJA/NA/A, 24,1 Dose 1 Dose 06/10/2014-06/10/2014}-BR-V-BR-V-BR-V-BR-V-BR-V-BR-V-BR-V-BR-	8 - Possible	
NOBIVAC L4	DE-DEPEIVP-2015-0021	Germany	Animal	Canine/dog	3.5 Month(s)	06/01/2015	15/01/2015	1 1	C	9/01/2015	Yes	Lymphadenitis, Diarrhoea, Lump	No Data	Nässriger Druchfall [1 Tag] sowie Einschmoltzende Lynephadeemits Leistenbympiktoriten rechts. Noch Nandasurnd. Am 9.0.1.2015 fiel eine flingerdichte Umfangsvermehrung i.d. re Leiste auf. Zeitgleich trat wässriger druchfall auf. Das AB war unbenehrtzichtigs, impf-Abebenwirkung Lynephom) juvereile Zeitlufts? Urbementzte Verletzung Behändlung mit Traumeel inj. sowie Annoxicilin-Clavulansaire und Camilla General Beitrag und von des Zeitspesianfe Fotos dokumenteren die Hautveränderung, die über den Prozess dann stattfanf. Rötung, Bildung von zwei Fistelh, Geweblesnichmeltung, dan 120.1. van eine Biopisierintenbe geglant, auf die verzichtet wurde weil der Prozess in Abheilung war. Weltere Antibiose über insgesamt 10 Tage angeordnet.	Not Applicable		Nobivac L4 - N/A,N/A,N/A,N/A,N/A 06/01/2015-06/01/2015)-BR>>BR>	D - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-DEPEIVP-2015-0096	Germany	Animal	Canine/dog	Not Known	25/11/2014	06/02/2015	1 1	2	5/11/2014	Yes, <b R>BR>BR>Not Known</b 	Vomiting, Weakness, Tiredness	No Data	Nach Auskunft der Bestitzer ist deus 6in nach der Schattinpfung das Tier müde und mast geweiser, hat Der dansch angefangen un erforscher. Nein Durchfall, kein Fieber beobächtet. Spontanremission ohner weiteren Tierarstbesuch nach 1,5 Tages.	Beagle		Nobivac L4 - N/A,N/A,N/A,N/A,N/A, 25/11/2014- 25/11/2014\-BR> Nobivac HPPI - N/A,N/A,N/A,N/A,N/A 25/11/2014-25/11/2014\	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2015-0105	Germany	Animal	Canine/dog	5 Month(s)	12/02/2015	18/02/2015	2 1	2	2/02/2015	Not Known, R> Not Known, <known, Not Known</known, 	Pruritus,Facial oedema	Not Known	17.24 Life injektion or Thoraxward Nobivac T, 8 Thoraxward Nobivac SIPP - Nobivac L4 in Michaphre 12.17 Uhr enrate Vorstelling mg seschwollenes hase und hochgardigen Lickeix Behandlung mit Deas s.c. Suspected Adverse Reaction: On 12 Feb 2015 at 5:34 p.m. injection of Nobivac T at the right thorax wall and Nobivac SIPPP and Nobivac L4 in a mixed syringe at the left hochward wall was performed. At 9.17 p.m. the similar laws personed again with swollen nose and high- grade faching. Treatment with Deas s.c. was performed. The animal recovered. [Reason for use for product:	Not Applicable	9	Nobivac L4 - N/A,N/A,N/A,N/A,N/A 12/02/2015- 12/02/2015;SeR>-RB>Nobivac sHPP1 - N/A,N/A,N/A,N/A 12/02/2015- 12/02/2015- 12/02/2015- 12/02/2015;SeR>-RB>Nobivac T - N/A,N/A,N/A,N/A,N/A (12/02/2015- 12/02/2015) >BR>	B - Possible	

	,																	
NOBIVAC L4	DE-DEPEIVP-2015-0196	Germany	Animal	Canine/dog	13.5	17/03/2015	17/03/2015	1 1	0 17/03/20:	L5 Yes, <b R><rr><rr>Yes</rr></rr></b 	Pale mucous	No Data	Hausbesuch beim Besitzer zu Hause. ca. 5 Minuten nach der Impfung zeigte sich in folgender Abfolge:	Not Applicable	1.9	Nobivac L4 - 1,N/A,N/A	B - Possible	
					Week(s)					R> Yes,	membrane, Vomiting, Unable to stand, Reduced responses, Faecal	I	* zunächst konnte das Tier mit dem rechten Hinterbein nicht richtig auftreten; ich massierte den Bereich ein bißchen, da ich dachte, der Welpe würde ein "Sensibelchen" sein. 2 Minuten später wurde	1	l	,10,Zusammen mit Nobivac SHPPi aufgezogen und s.c. injiziert		
										BR> Yes	incontinence.Blinking.Anaphylactic		die Muskulatur schlaff, das Tier (welches ich auf dem Arm hielt) verhielt sich wie sediert. Abstellen auf			(rechtsseitig, Kniefalte/Rumpf)		
										BK > BK > Tes	shock,Sternoabdominal		dem Fußboden => Das Tier (welches gerade noch wackelig stehen kann) kotet auf den Fußboden, dann			(17/03/2015-		
											recumbency,Apathy,Muscle		erbricht es 2x den gesamten Mageninhalt. Weitere 1-2 Minuten später: Unfähigkeit zu laufen; reagiert			17/03/2015) Nobivac		
											weakness NOS,Walking		nicht mehr auf Ansprache, Apathie; Brustbauchlage mit Gliedmaßen und Kopf von sich gestreckt, um			SHPPi - 1,N/A,N/A ,10,Zusammen mit		
											difficulty, Prolonged capillary refill		die Lage halten zu können. Schleimhäute porzellanweiß, keine kapilläre RZ mehr meßbar. HF gesunken			Nobivac L4 aufgezogen und s.c.		
											time,Behavioural disorder		(sorry, in dem Moment habe ich mich nicht hingestellt und genau ermittelt, sondern zugesehen, dass ich	d		appliziert. (rechtsseitig,		
											NOS,Inappropriate		den Welpen behandle, da ich eine akute Lebensgefahr mit drohendem Tod gesehen habe). Therapie:			Kniefalte/Rumpf) (17/03/2015-		
											defecation,Bradycardia		Diphenhydramin-Hevert, berechnet nach dem Körpergewicht, i.m., Prednisolon-Injektionssuspension			17/03/2015) Nobivac T -		
													10 mg, berechnet nach Körpergewicht, i.m. Körpertemperatur: 38,3°C; Welpen auf dick gepolstere			1,N/A,N/A ,10,einzeln appliziert (s.c.,		
													Unterlage gelegt und mit Wolldecke bedeckt Während der nächsten 20 Minuten kontinuierliche			linksseitig, Kniefalte/Rumpf)		
													Überwachung von Schleimhäuten, Herz-Kreislauf: Innerhalb von ca. 10 Minuten nach den			(17/03/2015-17/03/2015) 		
													therapeutischen Injektionen verbesserte sich Herz-Kreislauf, die Schleimhäute wurden blaßrosarot; die					
													KFZ konnte wieder nachgewiesen werden (ca. 3 sec.), auch die Herzfunktion schien stabiler, HF nur					
													noch leicht verringert; Femoralispuls wieder tastbar (ggrd.). Zu keiner Zeit Schwellungen irgendwo					
													nachgewiesen. Auch die Lungenfunktion schien stabil zu sein. Ca. 10 Minuten nach den Injektionen					
													blinzelte das Tier häufig mit den Augen, so dass ich den Verdacht hatte, dass das Tier nun auch noch zu krampfen anfangen könnte. Bis auf das häufige Blinzeln war aber kein weiteres neurologisches					
													Anzeichen zu bemerken. Zu diesem Zeitpunkt (ca. 15 Minuten nach den therap. Injektionen) wollte ich					
										1		I	die Hündin einpacken und in der Praxis an die Infusion hängen, da zwar der Kreislauf deutlich besser war, die Hündin aber apathisch und kaum ansprechbar erschien. Stehen konnte sie zu diesem Zeitpunkt	1	l			
										1		I	war, die Hündin aber apathisch und kaum ansprechbar erschien. Stehen konnte sie zu diesem Zeitpunkt nicht alleine. Sie war nun deutlich bei Bewußtsein, beobachtet uns "aus den Augen heraus" im Liegen.	1	l			
1									1	1	ĺ	l	Weitere 5 Minuten später stand sie alleine wackelig auf und ging 2, 3 Schritte, reagierte wieder auf die	1	l			
										1		I	Stimme der Besitzerin. Weitere 5 Minuten später war das Tier wie ausgewechselt und vom Verhalten	1	l			
													her normal, so wie vor der Impfung. Ich empfand die Situation für das Tier als akut lebensbedrohlich					
1									1	1	ĺ	l	und bin überzeugt davon, dass die HÜndin ohne Behandlung verstorben wäre. * Reason(s) for	1	l			
NORIVAC 1.4	DE-DEPEIVP-2015-0205	Germany	Animal (Canine/dog	2.5 Vearlo	01/01/2015	09/03/2015	1 1	0 01/01/20:	IS Not	Bradycardia,Pale mucous	Not	Vorher lebhaft, munterer Hund. Nach der Impfung llegt sich ab und wird müde, zeigt Blässe der	Jack Russell	Not	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	R - Possible	
NOBIVAC 14	DE-DEFEIVF-2013-0203	derinally	Armina	carille/dog	2.3 Teal(s)	01/01/2013	05/03/2013	1 1	0 01/01/20		membrane,Anaphylaxis,Apathy,Tire	Known	Schleimhäute, eine Bradykardie. Deutliche Kreislaufprobleme. Der Hund erholt sich langsam und geht	Terrier		(01/01/2015-	b - Possible	
											dness,Circulatory disorder NOS	KIIOWII	meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. 1. Impfung	remei	KIIOWII	01/01/2015\ 01/01/2015\ Nobivac		
										Not Known	dicas, circulatory disorder 1403		Theoretis 20 20 William Space Theritectic Hade and Security Charles and Security Charles			SHPPi - N/A,N/A,N/A,N/A,N/A		
										NOT KILOWII						(01/01/2015-01/01/2015) 		
																(01/01/1015 01/01/1015/4016 4016		
NOBIVAC L4	DE-DEPEIVP-2015-0206	Germany	Animal (Canine/dog	2 Year(s)	01/01/2015	09/03/2015	1 1	0 01/01/20:	L5 Not Known	Bradycardia,Pale mucous	Not	Vorher lebhaft, munterer Hund. Nach der Impfung llegt sich ab und wird müde, zeigt Blässe der	Great Dane	Not	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	A - Probable	
1									1	1	membrane, Anaphylaxis, Apathy, Tire	Known	Schleimhäute, eine Bradykardie. Deutliche Kreislaufprobleme. Der Hund erholt sich langsam und geht	1		(01/01/2015-01/01/2015) 		
										1	dness,Circulatory disorder NOS	I	meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. 2. Imfpung mit Nobivac	1	l			
										1			L4.					
NOBIVAC L4	DE-DEPEIVP-2015-0207	Germany	Animal	Canine/dog	1.5 Year(s)	01/01/2015	09/03/2015	1 1	0 01/01/20		Bradycardia,Pale mucous	Not	Vorher lebhaft, munterer Hund. Nach der Impfung llegt sich ab und wird müde, zeigt Blässe der	Not Applicable		Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	B - Possible	
1									1		membrane, Anaphylaxis, Apathy, Tire	Known	Schleimhäute, eine Bradykardie. Deutliche Kreislaufprobleme. Der Hund erholt sich langsam und geht	1	Known	(01/01/2015-		
1									1		dness,Circulatory disorder NOS	l	meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. Vor einem Jahr mit	1	l	01/01/2015) Nobivac		
1									1	Not Known	ĺ	l	Versican geimpft.	1	l	SHPPi - N/A,N/A,N/A,N/A,N/A		
										1		I		1	l	(01/01/2015-01/01/2015) 		
NORIVAC LA	DE-DEPEIVP-2015-0208	Germany	Animal (Canina/dag	1 E Voorde)	01/01/2015	09/03/2015	1 1	0 01/01/20:	E Not	Anaphylaxis,Apathy,Tiredness,Circu	Not	Vorher lebhaft, munterer Hund. Nach der Impfung llegt sich ab und wird müde, zeigt Blässe der	Not Applicable	Not	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	P. Bossible	
NUBIVAL L4	DE-DEFEIVP-2015-0208	germany	Armindi	Lanne/dog	1.3 Tear(S)	01/01/2015	09/03/2015	1 1	0 01/01/20	LS NOT Known < RR>< RR	anapnylaxis,Apatny,Tiredness,Circu atory disorder	Known	Schleimhäute, eine Bradykardie. Deutliche Kreislaufprobleme. Der Hund erholt sich langsam und geht	NOT Applicable	Known	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (01/01/2015-	p - F022IDIG	
										Known, <br< td=""><td></td><td>KNOWN</td><td>meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. Vor einem Jahr mit</td><td>1</td><td>KAOWII</td><td>(01/01/2015- 01/01/2015) Nobivac</td><td></td><td></td></br<>		KNOWN	meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. Vor einem Jahr mit	1	KAOWII	(01/01/2015- 01/01/2015) Nobivac		
1									1	Not Known	membrane	l	Versican geimpft.	1	l	SHPPi - N/A,N/A,N/A,N/A,N/A		
1									1	NOT KIIOWII	memoralie	l	version Bennine	1	l	(01/01/2015-01/01/2015) <rr><</rr>		
										1		I		1	l	(,, -013 01/01/1013/-BR/-BR/		
NOBIVAC L4	DE-DEPEIVP-2015-0209	Germany	Animal (Canine/dog	4.5 Year(s)	01/01/2015	09/03/2015	1 1	0 01/01/20:	L5 Not Known	Bradycardia,Pale mucous	Not	Vorher lebhaft, munterer Hund. Nach der Impfung llegt sich ab und wird müde, zeigt Blässe der	Not Applicable	Not	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	A - Probable	
1									1	1	membrane, Anaphylaxis, Apathy, Tire	Known	Schleimhäute, eine Bradykardie. Deutliche Kreislaufprobleme. Der Hund erholt sich langsam und geht	1		(01/01/2015-01/01/2015) 		
1									1	1	dness,Circulatory disorder NOS	l	meistens 10 -20 Minuten später noch leicht müde und gedämpft nach Hause. 2. Wiederholungsimpfung	l.	l			
										1			mit L4					
NOBIVAC L4	DE-DEPEIVP-2015-0233	Germany	Animal	Canine/dog	9 Year(s)	01/02/2015	27/03/2015	1 1	21/02/20:		Crying,Head tilt - ear disorder,Hind	Not	Anfallartiges Geschehen: Hund hält aus den Nichts den Kopf schief, schreit und winselt,	Not Applicable	8	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	0 -	·
1									1	Known, <br< td=""><td>limb ataxia</td><td>Known</td><td>Beckengliedmaßen kippen weg. Hund ist ansprechbar, keine Krämpfe. Dauert ca. 3 Min. Danach</td><td>1</td><td>l</td><td>(01/02/2015-</td><td>Unclassifiable/unassessa</td><td></td></br<>	limb ataxia	Known	Beckengliedmaßen kippen weg. Hund ist ansprechbar, keine Krämpfe. Dauert ca. 3 Min. Danach	1	l	(01/02/2015-	Unclassifiable/unassessa	
1									1	> 	1	l	Allgemeinbefinden völlig normal, Verhalten sonst normal. Bisher ohne Behandlung der Anfälle,	1	l	01/02/2015) Nobivac Pi -	ble	
1									1	Not Known	ĺ	l	beginnende Behandlung der Niereninsuffizienz? Kontrolle Blut: Erhöhtes Kreatinin, Harnstoff	1	l	N/A,N/A,N/A ,N/A,N/A (01/02/2015-		
										1		I	Eosinophilie, niedriger Hämatokrit Stellungnahme MAH, Fallnummer: DE-NLINTVINT-2015-DE-00323	1	l	01/02/2015) 		
										1		I	Suspected Adverse Reaction imported from the PEI Description of adverse event: attack-like reaction:	1	l			
1	[1	1			dog suddenly ("out of nowhere") holds its head askew, cries and whimpers, the pelvic extremities tilt	1				
1									1	1	ĺ	l	away. The dog is responsive, shows no convulsions. Duration: approx. 3 minutes. Thereafter the	1	l			
1									1	1	ĺ	l	general condition is completely normal, otherwise normal behaviour. So far, the attacks haven't been	1	l			
NORMAC::	DE DEDENIO 3045 0355	Germany	Animal (Carles (de	Not Many	20/02/20:-	01/04/2017		04/07/77	IT No.	Not sold The door	Not	treated, possibly treatment of the renal insufficiency has started.	New Acodie 11	-	National Automite and a colored		
NOBIVAC L4	DE-DEPEIVP-2015-0255	Germany	Animal	Lanine/dog	Not Known	26/02/2015	01/04/2015	1 1	04/03/20	L5 Not Known, <br< td=""><td>Not eating, Tiredness</td><td>Not Known</td><td>26.02.2015 Schutzimpung SHPPI +L4 +T 6 Tage später zu Hause sehr müde gewesen un einen Tag nicht</td><td>Not Applicable</td><td>6</td><td>Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (26/02/2015-</td><td>O - Unclassifiable/unassessa</td><td></td></br<>	Not eating, Tiredness	Not Known	26.02.2015 Schutzimpung SHPPI +L4 +T 6 Tage später zu Hause sehr müde gewesen un einen Tag nicht	Not Applicable	6	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (26/02/2015-	O - Unclassifiable/unassessa	
									1	<pre>Known, <br< pre=""></br<></pre>	ĺ	KNOWN	gefressen. 26.03.15 Bei Tollwutimpung laut geschrien und gepiepst. Stellungnahme MAH, Fallnummer: - NLINTVINT-2015-DE-00328 Susp Adverse Reaction: On 26 Feb 2015 a dog (breed: Miniature American	1	l	(26/02/2015- 26/02/2015) Nobivac	blo	
1									1	Not Not	1	l	NLINTVINT-2015-DE-00328 Susp Adverse Reaction: On 26 Feb 2015 a dog (breed: Miniature American Shepherd) was vaccinated with Nobivac SHPPi, Nobivac L4 and Nobivac T. Six days later (04 Mar 15) at	1	l	26/U2/2U15) <bk><bk>NODIVAC SHPPi - N/A,N/A,N/A,N/A,N/A</bk></bk>	uie	
	1	l							1	Not Known < RR>< RR	ĺ	l	Shepherd) was vaccinated with Nobivac SHPPI, Nobivac L4 and Nobivac 1. Six days later (04 Mar 15) at home the dog was very tired and did not eat for one day. Duration of signs: 1 day. Recovery: 05 Mar	1	l	SHPPI - N/A,N/A,N/A ,N/A,N/A (26/02/2015-		
						1 1		1		> <br< td=""><td>ĺ</td><td>l</td><td>15. The vets causality assessment for all products and this reaction is N - unlikely. This case (agency</td><td>1</td><td>ı</td><td>26/02/2015\ Nobivac T -</td><td></td><td></td></br<>	ĺ	l	15. The vets causality assessment for all products and this reaction is N - unlikely. This case (agency	1	ı	26/02/2015\ Nobivac T -		
							l											
										Yes			imported case) contained two cases and therefore was split into two after consultation with the			N/A,N/A,N/A ,N/A,N/A (26/02/2015-		
													imported case) contained two cases and therefore was split into two after consultation with the agency (Case number of second case: 2015-DE-00361). [Reason for use for product: Generic: RABIES					
													imported case) contained two cases and therefore was split into two after consultation with the agency (Case number of second case: 2015-0E-00361). [Reason for use for product: Generic: RABIES IM ALU ADJUANT KV Brand: NOBIJNAC 1 JOKIDS 620 Reason: Vaccination Generic: DHPPI LV Brand:	:		N/A,N/A,N/A ,N/A,N/A (26/02/2015-		
													imported case) contained two cases and therefore was split into two after consultation with the agency (case number of second case: 2015-06-00361). [Reason for use for product: Generic: RABIES IN ALLY ADJUVANT KV Brand: NOBIVAC T 10X1DS 620. Reason: Vaccination Generic: DHPPI LV Brand: NOBIVAC SHPP) 50XLDS 620. Reason: Unknown. Generic: LEPTO*4(ICT,CAN,GNIP)-BRATI KB Brand:			N/A,N/A,N/A ,N/A,N/A (26/02/2015-		
													imported case) contained two cases and therefore was split into two after consultation with the agency (Case number of second case: 2015-0E-00361). [Reason for use for product: Generic: RABIES IM ALU ADJUANT KV Brand: NOBIJNAC 1 JOKIDS 620 Reason: Vaccination Generic: DHPPI LV Brand:	:		N/A,N/A,N/A ,N/A,N/A (26/02/2015-		

	DE-DEPENP-2015-0257	Germany	Arimal	Canine/dog	5 Year(s)	11/02/2015	01/04/2015	3	1		R-dBr-dBr-dBr-dBr-dBr-dBr-dBr-dBr-dBr-dBr	Facial swelling (see also Skin) Ataxia, Sagegering, Dyspnoea, E czema, Reddening of the skin, Irching, Printin, Sraid oedema, Lateral recumbero, Gweathing difficulty, jots spot (pyotraumatic demantis), Localized oedema (not application oity)	No Data	Follow-up from 04 May 2015. We received this case again as a fax from the vet on 04 May 2015. This fax contained the following new information: batch number of Nobleva: SPIPP us give as COSTDIOL The vaccination site was given as 1 "lateral abdominal wall" for all three vaccines, As duration of the adverse nection 42 days was given, 1 cereovery on 25 Mar 2015. On 07 May 2015, we called the vet for further data and received the following more precise information: the facial swelling had disappeared within 1 hour after cortisone administration. The owners administrated contisone at home 4 hours later once again prophysticilarly. The stin in the head area however was constantly slightly area, combined with twoing facing fluxer cold area spacing. On 04 May 2015, sin capsing was experienced, the results are outstanding best will see them to us after receptl, Note: based on the follow-up information from 07 May 2015, he stated recovery on 25 Mar 2015 is considered as not applicable and the outcome "unknown" was chosen. [Reason for use for product: Generic RABIES! AUX DOUNDATE VITE area. NORMICA SPIP SIGNATION SPIP SIGNAT	2 N		Nobbac L - N/AN/AN/A N/AN/A L1/10/2/015 11/02/2/015 11/02/2/015 1999 - N/AN/AN/A N/AN/A L1/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015 11/02/2015	B - Possible	
NOBIVAC L4	OE-DEPENYP-2015-0329	Germany	Animal	Canine/dog	7 Year(s)	01/12/2014	27/04/2015	1	1 1	08/12/2014	Known, <br< td=""><td>Lymphopenia Death by euthnasia Jeve-Anamia notathasia Jeve-Anamia NOS,Thrombocytopenia,Leucopeni a</td><td>Not Known</td><td>L implure mit 4 vorher negetimälig SHPP, T und Lepto von Nobivac geimpft. 1 Woche nach Implung Fineer-30°C, Tsot Hebensenkenden Mediation/(Media Stellurgamhen MAH's SR. On 1 Dec 2014 one dog was succinated with Nobivac SHPP and Nobivac 14.0 row week after vascriation the dog showed fever 34°C. Designed or antipreted trugg (Metamino) and antibotics (Amosaidini(Ncilusulania cal, later changed to Dowyczilnei) the dog developed an increasing non-regenerative anaemia, thomocoptogenia, leukopenia and hymphopenia. A hore marrow aplasia was suspected, but no bom marrow puncture was performed as this was not desired by the owner. The organ levels showed no deviations. Borrella ter (Quant CG) and Angulssiam sets neglest. The dog was exchanized on 2 Dec 2014 with haematocrit 14.7 and WBC (white blood cell of 3.3 (no reference values inown). No more information expected. Note: The dog was succinated regularly with Nobivos EHPR, Nobivac T and Nobivac Lepto before. First application of Nobivac L. [Reason for use for product: Generic: LEPTO*4]CTC.ANGRIP.PBATT JIS RETINGUNAC T and CRITIC CONTROL OF A CONTROL</td><td>Golden Retriever</td><td>33</td><td>Nobiwat L4 - N/AN/A,N/A A//A/A (01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014</td><td>O - Unclassifia ble/unassessa ble</td><td></td></br<>	Lymphopenia Death by euthnasia Jeve-Anamia notathasia Jeve-Anamia NOS,Thrombocytopenia,Leucopeni a	Not Known	L implure mit 4 vorher negetimälig SHPP, T und Lepto von Nobivac geimpft. 1 Woche nach Implung Fineer-30°C, Tsot Hebensenkenden Mediation/(Media Stellurgamhen MAH's SR. On 1 Dec 2014 one dog was succinated with Nobivac SHPP and Nobivac 14.0 row week after vascriation the dog showed fever 34°C. Designed or antipreted trugg (Metamino) and antibotics (Amosaidini(Ncilusulania cal, later changed to Dowyczilnei) the dog developed an increasing non-regenerative anaemia, thomocoptogenia, leukopenia and hymphopenia. A hore marrow aplasia was suspected, but no bom marrow puncture was performed as this was not desired by the owner. The organ levels showed no deviations. Borrella ter (Quant CG) and Angulssiam sets neglest. The dog was exchanized on 2 Dec 2014 with haematocrit 14.7 and WBC (white blood cell of 3.3 (no reference values inown). No more information expected. Note: The dog was succinated regularly with Nobivos EHPR, Nobivac T and Nobivac Lepto before. First application of Nobivac L. [Reason for use for product: Generic: LEPTO*4]CTC.ANGRIP.PBATT JIS RETINGUNAC T and CRITIC CONTROL OF A CONTROL	Golden Retriever	33	Nobiwat L4 - N/AN/A,N/A A//A/A (01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014 01/12/2014	O - Unclassifia ble/unassessa ble	
NOBIVAC L4	DE-DEPEIVP-2015-0479	Germany	Animal	Canine/dog	6 Month(s)	22/07/2014	29/06/2015	1	1 0	22/07/2014	Not Known, BR >>BR>>BR>>BR Yes, >BR>Yes R>>BR>Yes	Lethargy (see also Central nervous system depression in 'Neurological'),Fever	Not Known	Tierarzt meldet: Hund war unliger fühlte sich warm an hatte auch Fieber keine Behandlung dieses Jah wieder geimpft - ohne Nebenwirkungen * Reason(s) for treatment: Impfung	Beagle	8.7	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (22/07/2014 22/07/2014)-BR> Nobivac SHPPI - 1,1,2,N/A,N/A (22/07/2014- 22/07/2014)-BR>-SBR>Nobivac T - N/A,N/A,N/A,N/A,N/A (22/07/2014- 22/07/2014)-BR>-SBR>	B - Possible	
	OE-DEPENYP-2015-0513	Germany	Arimal	Canine/dog	S Year(s)	11/06/2015		600	2 0		Yeş, dR>-dR-d	Vomiting-facial swelling (see also Skin)], Jamenes, Dermattis, Loss of condition, Coagulopathy, Skin cuter, Apathy, Swelling, NOS, Skin inflammation NOS, Haematuria	No Data	SAR received via electronic importation from the NCC. On 11 Jun 2015 one healthy dog was vaccinate with hobbac SFI fearouty received the year before) and Nobbac L4 (first time). On 31 Jun the dog showed lameness in the fore limp (arthritis?) and was treated by the owner with Previocu tablets (justably for tearner of other dog). The following days the general health condition of the dog worsened, it showed fatigue and somiting. First this was considered as a side effect of Previocu. Due! worsening of the general health condition the dog was presented to the vet on 19 JUN 2015. It show high grade swollen prepuce, heamorthage sidn, heamaturia, mild problems in coagulation, general health condition of the year cycle received to the vet on 19 JUN 2015. It show high grade swollen prepuce, heamorthage sidn, heamaturia, mild problems in coagulation, general health condition of thy reduced, no fever, scrotum, persis and prostate without almosmillates. The dow was treated with Emrofloxacin, Metapyrin, Prednisolon and Vitamin K. On 21 Jun 1900.49 seroous wouns exercision of a highly aftered skin of the prepuce. On 23 Jun house how sid nefects of Unerstain of the sinal the right and left side of the prepuce with the size of the pain of a hand, Furthermore swelling and ulceration of the using he prepuce was examined; severe ulcerative and in parts severe granulating chellings. Differential diagnosis: canine, sterile, severe ulcerative and in parts severe granulating chellings. Differential diagnosis: canine, sterile, and one of the complex of the severe preput and previous house of the level and prevalent and parts severe granulating chellings. Differential diagnosis: canine, sterile, source should be subject to the single contribution and so visibly improved. On 24 Jun heam that still persisted, severe ulceration of the single condition also visibly improved. On 24 Jun heam that still persisted, severe under a described health condition of the dog is still slightly reduced, according to the owner the dog shows 85% of the p	; i	36	Nebbuck L4 - 1.1.1 Years 1.0.s. c impfung an selfither Brustwand nach zuvor erfolgter Algemeinunterschung (11/06/2015- 11/06/2015- RBR-Nebbuck SHP- 1.1 Years 1.0.s. c impfung an selfitcher Brustwand nach zuvor erfolgter Allgemeinuntersuchung (11/06/2015-11/06/2015)-BR>-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-DEPEIVP-2015-0554	Germany	Animal	Canine/dog	6		20/07/2015	1	1	17/07/2015	Yes	Injection site swelling	No Data	#NAME?	Dalmatian	Not	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A	A - Probable	
NOBIVAC L4	DE-DEPEIVP-2015-0561	Germany	Animal	Canine/dog	13 Year(s)	17/06/2015	22/07/2015	1	1	17/06/2015	Yes, <b R>BR>Yes, >BR> BR> Yes</b 	Reluctant to move,Apathy	No Data	Am 17 Juni 2015 direkt nach der Schutzimpfung "platt": müde, matt gewesen, keine Schmerzen beebachten, hat immer gelfreisen und getrunken, vollte nicht aufstehen oder laufen. Am nächsten Ta spoprang gewing dersesen, mildari pertr. He attending vert propriet of lowe verschiedt a 13 yearlij old femilie-in-chreeted Camini (old) (chrishulau) und holokus Siftyria nät oldhabus L4 and Enduracell Ton 17 Juni 2015. 30 milhautes after the injection the dog Solved apply. Next doy the dog was recovered:	Chihuahua B d	2.1	IN/A-N/A/SBR>SBS Enduracell T - N/A,N/A,N/A N/A,N/A (17/06/2015- 17/06/2015)-BR>SBS-Nobivac L4 - N/A,N/A,N/A,N/A,N/A (17/06/2015- 17/06/2015)-BR>SBS-Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A	B - Possible	

	DE-DEPENYP-2015-0589	Germany	Animal	Canine/dog	3 Month(s)	03/06/2015	29/07/2015	2 2		03/06/2015	Yes, KOBR>KOBR>KOBR>KOBR>KOBR>KOBR>KOBR>KO		No Data	SAR received from NCA via electronic importation: On 3 JUN 2015 one dog was vaccinated concurrently with Noblava SHPPI, Noblava L4 and Noblava T. Approx. 45 min after vaccination the dog was presented again to the vet as the head, including eyelide, ears, lips and front pass were moderately swollen. No respiratory problems were observed and the general health condition of the dog was not distunced. The dog was sterted with Decametanose intarnaucidar whereafter the dog progressively improved. The dog was sent home after 1,5 hours and showed no further symptoms. No more information pespected. [Reason for use for product: Generic LDHPI IV 1867 NOBIVIGA: SHP 50XID5 520 Reason: Vaccination Generic: LEPTO* 49LTC_AMS,GHIPS/BARA] KB Brand: NOBIVIGA* SHP 50XID5 540 Reason: Vaccination Generic: LEPTO* 49LTC_AMS,GHIPS/BARA] KB Brand: NOBIVIGA* 1915 520 Reason: Vaccination [State of health: Linknown) Das bezage Tier wurde ca. 45 min nach erfolgter impfung (shokhoa: SHP), NOblava L4 und Noblava: Chivaut zellglich: he deverschiedere injektionsornel erneut vorgestellt. Der Kopf u.a. Augenlider, Ohren, Lippen und Vorderpfoten waren mg. angeschwollent. Aemont Detartand nicht. Das Allgemeinderfinden war ungerstütz. Therapie: Dexamethason i.m., darauffin zurehmende Besserung. Entlassung nach ca. 1.5 Stunden. Keine <i>cannaten Beschapeton</i>			Nobivac L4 - N/A,N/A,N/A,N/A,N/A,N/A (83/06/2015-603/06/2015-803/06/2015-88P-Nobivac SHPPI - N/A,N/A,N/A,N/A (810-76/2015-08)-08-80-80-90-90-90-90-90-90-90-90-90-90-90-90-90		
	DE-DEPEIVP-2015-0722	Germany	Animal			10/09/2015		1 1	0	10/09/2015		Apathy,Injection site pain,Licking,Injection site oedema	No Data	30 Minuten nach Impfung berichtete die Besitzerin über Teilnahmstosigkeit ihres Hundes, Schmerzen a der rigiektionsstelle und vermehrtes Belecken. Nach 5 Stunden stellte die Besitzerin den Hund noch ma in der Praxis vor, hier: odematöse Schwellung im Bereich der Injektionsstelle und Schmerzhaftigkeit. Hier war der Hund schon leibahter. Nach 8 Stunden meldete die Besitzerin teilefonisch, dass es dem Hund wieder gut geit. * Ressonjolf for testment: Impfung.	ı	Not Known	Nobivac L4 - N/A,N/A,N/A ,N/A,Nachimpfung (10/09/2015- 10/09/2015) 	A - Probable	
	DE-DEPENY-2015-0776	Germany	Animal	Canine/dog		22/09/2015		2 2	o	22/09/2015	Yes, Not Rx-BR>Not Known	Facial ocetma,Hives (see also Skinf),Shivering,Angioedema,Urtica ria,Hyperthermia	No Data	ng. teigig delmatoles Schwellungen im Kopf - / Geschitsbereich 39°C / Zittern Therapie: Infusion mit NaCl, Deatatt iv, Catosal Iv., Vetaligh in . Nachbeha. mit Cernitin WDT Verificiering über Blutprobe (Gr. Streening mit Bluthöll) bei LABOULNI: kann auf Nachfrage geme zugeschickt werden: obl8 reason(s) for treatment: Jahreisingfrung Stellunganhen Mahl, Fallnummer: De - MUNTWINT-2013-D-01332 SAR: On 22 Sept 2015 ome dög was vaccinated with Nobiuse 19th and Nobiuse 1.6 h. The same day the dog showed uttractiva, apposedmen, hives, severe pask yewellige of the head and facial area, temperature of 39°C and silvering. The dog was treated with Instant of NaCl, Deatatt iv, Catosal it and Vetalgin ix. A Herr extraent was performed with Carmint. Verification was genformed with Dominal Verification was genformed with Dominal Vetalgin ix. A Herr extraent was performed with Carmint. Verification was genformed with Dominal Vetalgin ix. A Herr extraent was performed with Carmint. Verification was genformed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Herr extraent was performed with Dominal Vetalgin ix. A Her	٧.		Nobisuc L4 - N/AN/AN/A //A/A/A/2/2/20/9/2015 22/09/2015 22/09/2015-28R->BB-Nobisuc SHPH - N/AN/AN/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A		
NOBIVAC LA	DE-DEPENYP-2015-0820	Germany	Animal	Canine/dog	2 Year(s)	01/04/2015	15/12/2015	1 1	0	01/05/2015	Not Known-(BR>-BR >-BR>-BRBR Not Known-(BR>-BR Not Known-BR>-BR Not Known	Injection site lump,Non- regenerative anemia, Taemohytic anaemia,Other coagulation abnormality, Lecopenia, Neutropen ia, Tachycardia, Pale mucous membrane, Hyperthermia, Loss of condition, Apathy, Bone marrow disorder NOS, Immune mediated haemohytic anaemia, Tersie abdomen	Not Known	Die Tage nach Impfung zeigte der Hund blasse Schleimhäute war apathisch, Allgemeinbefinden sehr schleicht. Nach Vorbehandung durch den Insustienart stationare Aufnahme des Hundes am 03.05. 2015 n. 11.U Gelden. Tachlyarde, blasse Schleimhäute, gerlinggradig angespanntes Abdomen. 2x. ora godes substann angelgemen Zublidung auf Höhe der rechten Finake (Injektionsstelle). Diagnose: Immunnedierte Andme und Neutropenie auf Knochemnarisebene (mit Zerstörung on Vorladerzeilen) in hoch cytergder (Horbora) gebrach bereit auf Schleimhäute, prednisolon, Mycophenolit, Cleanne, Lansoprazol, Cerenia Ertitassung am 08.05. 2015 (Bericht sehe Medical hintor), Verschleicherung des Allgemeinberlindens am 10.05.021; Geneticht sehe Medical hintory, Indextellerung des Allgemeinberlindens am 10.05.021; Geneticht sehe Medical hintory, Die Finaken, verlie Schleimhäute, inyperthermie (2011-7). Diagnose: Verschleicherung des Allgemeinberlindens am 10.05.021; Geneticht sinäuserintal. Tachylarafe, welfe Schleimhäute, inyperthermie (2011-7). Diagnose: Verschleicherung der Unterfellerung des Allgemeinberlinden zurschleicherung des Allgemeinberlinden zurschleicherung der Unterfellerung des Allgemeinberlinden zurschleicherung des Allgebales (1914-1914). Die 1914-1914 (1914-1914-1914). Die 1914-1914 (1914-1914-1914-1914-1914-1914-1914-1914	Not Applicabl	e 4.99	Nobina L 4 - N/AN/AN/A N/AN/A (0)/04/2015 23/04/2015; BR-HSB-Nobina SHPH - JN/AN/A, 24, 1 Dose (0)/04/2015 0.0/04/2015; BR-HSB-Nobina T - N/AN/AN/A N/AN/A (0)/04/2015 0.0/04/2015; BR-HSB-Nobina T - N/AN/AN/AN/AN/AN/AN/A	B - Possible	
	DE-DEPENYP-2015-0842	Germany	Animal	Canine/dog		17/10/2015	19/10/2015	1 1			NO, BR>GR R>CBR>CBR>NO, GR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CB	Vomiting	Other	ca. 30 min nach Verabreichen der Impfung zum erstenmal Erbrechen. Danach unregelmäßig Erbrechen bis einschließlich 24 nach Gabe der Impfung. * Reason(s) for treatment: Impfung	Not Applicabl		Merilym 3 - N/A/N/AN/A A/N/ANmale Impfung im Rahmen der jährlichen Immunsierung (17/10/2015-N/A)-8B>-8B>-Nobiwac L-A/NA/N/AN/AN/AN/AN-domale Impfung im Rahmen der jährlichen Immunsierung (17/10/2015- N/A)-8B>-8B>-Nobiwac SHPP) A/NA/N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/	B - Possible	
	DE-DEPEIVP-2015-0843	Germany	Animal	Canine/dog	10 Year(s)	15/10/2015	19/10/2015	1 1		15/10/2015	Not Known,
 Yes, <br R> Yes</br </br 	Diarrhoea,Vomiting	Not Known	nachts nach der nachmittäglichen impfung Beginn Erbrechen und Durchfall * Reason(s) for treatment: Impfung	Not Applicabl	8.15	Nobiwac L4 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	
NOBIVAC L4	OE-DEPENP-2015-0907	Germany	Animal	Canine/dog	12 Week(s)	02/10/2015	18/11/2015	1 1		03/10/2015	Yes, >CBR>	Behavioural disorder NOS	No Data	Fretags wurde der Hund geimpt. Samstags wurde die Beitzterin von dem Hund gebissen, wo Bilburgs aufgretzent st. Am Sonntag frün seige is che bei der Bestieren in esallengische Resiton, die vom Arzt behandelt wurde. Die Bestieren führt das auf die Impfung zurück. Bei der Nachimpfung (B.0.10) hielt si den Hund für 2 Tage fern. // PEI comment. After internal discussions PEI decident Consider only the animal reaction. Correction of reaction start date. 2, Sellungsahme MMN, FallmummerMLITHINT-2015-0-01835-85 received from the Fet iva delectronic imperor. On Friday 2 Co120 sone puppy was acccinated with Nobivac SHPP and Nobivac L4. On Saturday the owner was bitten by the dog and the wound was bettedle, On Sunday in the moming an allergir exceition of the owner was observed, which was treated by a doctor. The animal owner attributed this to the vaccination. When the day was executioned (BO Co10) the owner kept the Gog away for 2 Albert. PEI comment. After internal an execution of the owner term of the Gog away for 2 Albert. PEI comment. After internal (Beason for use for product: Generic DHPPI LV Branch NOBIVAC SHPP SXLIDS 620 Reason: Vaccination (Benet: E1970-4)(T.CAM,GRPP BRAT) XB. Brand: NOBIVAC L4 10XLIDS 540 Reason: Vaccination (Senter E1970-4)(T.CAM,GRPP BRAT) XB. Brand: NOBIVAC L4 10XLIDS 540 Reason:		2 1	Nobiact L4 - N/AN/AN/A N/AN/A (02/10/2015) 02/10/2015 02/10/2015):eRreRs-Nobiac stepl N/AN/AN/A N/AN/A (02/10/2015-02/10/2015):eRreRr-	N - Unlikely	

	DE-DEPEIVP-2015-0963	Germany	Animal	Canine/dog	1 Year(s)	18/11/2015	24/11/2015	1	1	0 19/11	Yes	IR> 	Injection site pain,Behavioural disorder NOS,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Hand zieht sich zurück sehr ruhig Schmerzempfindlich an der Seite wo geimpft worden ist keine Behandlung * Reason(s) for treatment: Impfung zur Prophylave	Not Applicabl	e 2.6	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (18/11/2015-) IB/11/2015-BRS~BR>Nobivac SHPPI - 1,2,2,N/A,anderer Impfstoff als letztes Jahr (18/11/2015- 18/11/2015)-BR>~BR>		
NOBIVAC L4	DE-DEPEIVP-2015-0967	Germany	Animal	Canine/dog	1 Year(s)	17/11/2015	25/11/2015	1	1	17/11,	/2015 Yes, <br: R> < SBR><br: BR><br:< td=""><td>:BR>Yes, R> <</td><td>Facial oedema</td><td>No Data</td><td>Ca. 30 -45 Minuten nach s.c. Injektion des Imfgstoffes Anschwellen der Augenungebung (Augenider) umd Schmauzu. Nach Injektion von 0,4 ml Rapidexon 0,2% (Gewicht des Hundes 11 kg). Abschwellen innerhalb weniger Stunden.</td><td>Pug</td><td>10.95</td><td>Nobivac L4 - N/A,N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR<-8R>-Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR<-8R>-Nobivac T - N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR>-8R></td><td>B - Possible</td><td></td></br:<></br: </br: 	:BR>Yes, R> <	Facial oedema	No Data	Ca. 30 -45 Minuten nach s.c. Injektion des Imfgstoffes Anschwellen der Augenungebung (Augenider) umd Schmauzu. Nach Injektion von 0,4 ml Rapidexon 0,2% (Gewicht des Hundes 11 kg). Abschwellen innerhalb weniger Stunden.	Pug	10.95	Nobivac L4 - N/A,N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR<-8R>-Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR<-8R>-Nobivac T - N/A,N/A,N/A,N/A,N/A (17/11/2015- 17/11/2015)seR>-8R>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2015-1020	Germany	Animal	Canine/dog	12 Week(s)	23/11/2015	11/12/2015	1	1	24/11,		> <b BR>Yes</b 	Lameness, Sleepiness - systemic disorder	No Data	Ann Abend der Imfigung sehr viel geschälfen. Wenn Mäschen mal aufgestanden ist, stark gelähmt. Besitzer wollten am nächsten Tag sich in der Praxis vorstellen, dann aber Besserung eingetreten.	Not Applicabl	e 2.1	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (23/11/2015- 23/11/2015) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (23/11/2015-23/11/2015) 	B - Possible	
	DE-DEPEIVP-2015-1022	Germany	Animal	Canine/dog	Not Known	08/12/2015	16/12/2015	1	1	09/12	R> 	:BR>Yes			Am Tag nach der 'Schutzimpfung kleine Schweilung an der Injektionstelle beobachtet. Hund mag it Bestitzer nicht we zonet sessen. 14.2.05 ist mutret, halt ben Feber. 1st Angelwe, bekommt seit Sommer Apoquel. Bestitzer haben am Tag nach der Impfung eine Rioh an der Haut gefunden, wo jetzt die Beule ist.	Not Applicabl	e 87	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (08/12/2015- 08/12/2015)-BR> Nobivac Pi- N/A,N/A,N/A,N/A,N/A (08/12/2015- 08/12/2015) BR> 		
NOBIVAC L4	DE-DEPEIVP-2015-1045	Germany	Animal	Canine/dog	10 Year(s)	10/12/2015	23/12/2015	1	1	11/12			Injection site granuloma,Reluctant to move,Fever		Implung am 10.12.2015 Eixeln Tollwut re Flanke Michapitze SHPP/L4 ii Flanke Am 11.12. Annuf Bestizer: Hund Micht am 14.12.2015 vorgestellt: ca. faustgr. Umfangsvermehrung, ii Flanke VD Abscess/Impfreaktion, 40,1°C	Not Applicabl	e Not Known	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (10/12/2015- 10/12/2015) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (10/12/2015-10/12/2015) 	B - Possible	
	DE-DEPEIVP-2015-1067	Germany	Animal	Canine/dog	3 Year(s)	26/11/2015	24/12/2015	1	1			:BR>Yes	pruritus,Fever,Injection site reddening		Impfung settl. Brustwands s. 2. Sci. 13.015 ca. 11:15 Uhr Laut Bestzerin seit 27.11. abends Hautrötung und aufzeite im Habbereich dorsal, Kri der Praxis 39,5°C Behandlung mit Antibiose + Prednisolone, darunter Besserung bis zur Abheilung 30.11.15.	Maltese	5	(26/11/2015- 26/11/2015):BR> Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (26/11/2015-26/11/2015):BR> 	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-0059	Germany	Animal	Canine/dog	1.5 Year(s)	13/01/2016	28/01/2016	1	1	13/01	/2016 Yes, <br: R×BR> <bi BR></bi </br: 	:BR>Yes, R> <	Urticaria, Facial oedema	No Data	Allergische Reaktion mit Nesselsucht und mgr Köpfödem. Ohne Behandlung wieder abgeklungen.	Not Applicabl	e 4.5	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (13/01/2016-)BR>=BR>Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (13/01/2016-)BR>>BR>Nobivac T - N/A,N/A,N/A,N/A,N/A (13/01/2016-)BR>>BR>=BR>Nobivac T- 13/01/2016-)BR>=BR>=BR>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-0103	Germany	Animal	Canine/dog	11 Year(s)	09/02/2016	17/02/2016	1	1	14/02	/2016 Not Kno	wn	Injection site abscess, Fever, Loss of condition	Not Known	Spritzenabszeß Reduziertes Allgemeinbefinden, erhöhte Körpertemperatur 39,7 °C	Not Applicabl	e 42.7	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (09/02/2016-09/02/2016) 	A - Probable	
NOBIVAC L4	DE-DEPEIVP-2016-0105	Germany	Animal	Canine/dog	4 Month(s)	03/02/2016	15/02/2016	1	1	03/02	/2016 Not Known,< > <e Not Known,< > <e Not Kno</e </e 	BR> BR> <br< td=""><td>Pruritus,Facial oedema</td><td>Not Known</td><td>- hochgradige Schweilung der Augenilder bds -mittelgradige Schweilung der Lefzen bds - Juckreiz am Kopf Behandlung: Diphenydramin s.c., Dezamethason s.c. Nach 15 Minuten langsames Abschweilen des Gesichts, kein Juckreiz mehr. Nach ca. 7 Stunden keine Besch</td><td>Chihuahua</td><td>2.3</td><td>Nobivac L4 - N/A,N/A,N/A, N/A,N/A (03/02/2016- 03/02/2016-BR>-BR>Nobivac SHPI - N/A,N/A,N/A,N/A,N/A (03/02/2016- 03/02/2016-BR>-BR>Nobivac T - N/A,N/A,N/A,N/A,N/A (03/02/2016- 03/02/2016)-BR>-BR></td><td>B - Possible</td><td></td></br<>	Pruritus,Facial oedema	Not Known	- hochgradige Schweilung der Augenilder bds -mittelgradige Schweilung der Lefzen bds - Juckreiz am Kopf Behandlung: Diphenydramin s.c., Dezamethason s.c. Nach 15 Minuten langsames Abschweilen des Gesichts, kein Juckreiz mehr. Nach ca. 7 Stunden keine Besch	Chihuahua	2.3	Nobivac L4 - N/A,N/A,N/A, N/A,N/A (03/02/2016- 03/02/2016-BR>-BR>Nobivac SHPI - N/A,N/A,N/A,N/A,N/A (03/02/2016- 03/02/2016-BR>-BR>Nobivac T - N/A,N/A,N/A,N/A,N/A (03/02/2016- 03/02/2016)-BR>-BR>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-0467	Germany	Animal	Canine/dog	8 Year(s)	17/09/2015	26/02/2016	1	1	17/09	/2015 Yes		Pain NOS,Reluctant to move,Hind limb ataxia	No Data	Schon beim Verlassen der Praxis konnte der Hund nicht mehr die Treppen vor der Tür runter gehen und konnte nur mit Hilfe an der Hinterhand ins Auto einsteigen. Zu Hause hatte er dann 3 Tage lang Schwieriskeit no mit der Hinterhand Michte incht aufstehen und was schmerzhaft	Newfoundlan	d 60	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (17/09/2015-17/09/2015) BR> 	B - Possible	
	DE-DEPEIVP-2016-0527	Germany	Animal	Canine/dog	15 Week(s)	29/01/2016	31/03/2016	1	1	29/01,			Injection site paint Excitation, Pinnal reddening, Reddening of the sign. Faciliar oldering, Breathing officially, Local swelling (not application site)	Not Known	Supported Adverse Reaction: This case was received from the NCA [PRI] via electronic reporting. A puppy was succeimed with Nobives Either and Nobives Let on 29 Jan 2016. The dog greated as follows acticed nursing back and forth with attempt to bits at the rejection site. Lateral swelling of the head and received received the second of the case of the second received for the second received received to the second received received received received by second received		2.7	Nebwet L4- NI/AN/A,NIA, N/A,NIA (29/01/2016- (29/01/2016- Re-Neb-Nebwe SHPP- NI/AN/AN/A,NA/NA (29/01/2016-29/01/2016)-BRBR-	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-0531	Germany	Animal	Canine/dog	1 Year(s)	02/03/2016	22/03/2016	1	1	02/03	/2016 Yes, <br: R>BR>- -SB BR>-SB</br: 	:BR>Yes, R> <	Pruritus,Wheal,Vomiting,Facial oedema	No Data	Hand bekann c 30 min nach der impfung Ductfall und 55 min nach der impfung Guaddeln am Kopf. Aufs, Rumpf, Gliedmaßen, der Kopf Korbund übermäte in, ankare inzekre übergeben den bei reibst ungestört ingektion von Desamethason s.c. 0.8 mg sowie orale Tingabe von Cetertin 2.5 mg. ca 1 - 2 Sch anch Medistan in griegen des Schwelingen zurück, Lukrez ille Ranch, ma dichsten Tag ille Symptome abgeklungen * Resson(s) for treatment. Grundimmunisierung im 2. Lebensjahr gegen Staupe, Hepatitik, Parvovirose, Parainfluenza, Leptospirose, Tollwut	Chihuahua		Nobivac L4 - 1,1,1 Years,10,Impfung (02/03/2016- QC/03/2016)-GRN-SR>Nobivac SHPP - 1,1,1 Years,10,Hund wurde geinpft bei unsuffälligem Allgemeinzustand (02/03/2016- 04/03/2016)-GRN-SRN-SRN-Nobivac T - 1,1,1 Years,10,Impfung (02/03/2016-QC/03/2016)-GRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-SRN-S		
NOBIVAC L4	DE-DEPEIVP-2016-0591	Germany	Animal	Canine/dog	12 Week(s)	05/04/2016	05/04/2016	1	1	05/04	/2016 Yes, <br: R> </br: 		Urticaria	No Data	Urtikaria gesamter Körper.	Hungarian Short-haired Pointing Dog (Vizsla)	10	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (05/04/2016- 05/04/2016) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (05/04/2016-05/04/2016) 	B - Possible	

	DE-DEPEIVP-2016-0640	Germany An	imal C	Canine/dog	3 Month(s)	12/01/2016	19/04/2016	1 1	12/01/20	R×BR×BR>Yes Not Known	Conjunctival irritation,Allergic reaction,Facial oedema	No Data	Die allergische Beaktion wurde nach systemischer Gabe von Diphenhytignamin innenhalb kürzerster Zeit untertrückt. Die Gheem an Kopf verknamden noch am Aben. Für den fraurfalligenden Tag bekannen die Besitzer noch ein orales Anthitistaminikum mit (Ceitriani) Symptome: Rötung der Konginisthen und Gelematise Schwellung am Kopf. Dupilist auf Vin. Reason for treatment: prophysissi against fless and ticks Adog (Labrador Retriever, 8 kg b.w., male, 3 month) was treated at 12.0.2016 for prophysias with Practic 13.75 mg Bossug am Anthroffen für kleine Hunde and hobbesc SPPHL. Approximate 10 hours later the dogs browder redeming of conjunctiva and facial swelling (poedema). The day received dieser before begreich and son der specific practical facial seed ledema disappeared at the afternoon of the same day. For the next day the attending vet prescribed Ceitrizin foral tasks.	Labrador Retriever	8	Nobivac 14 - N/AN/A,N/A,N/A,N/A 12/01/2016>BR> Nobivac 5HPH - N/AN/A,N/A,N/A 12/01/2016>BR> Nobivac 5HPH - N/AN/A,N/A,N/A 12/01/2016>BR> HR-PFac-lic 13/5.7 gpt Colory zum Auftropfen für kleine Hunde - 1,N/A,N/A, 24,N/A (12/01/2016-12/01/2016)-BR> 		
NOBIVAC L4	DE-DEPEIVP-2016-0726	Germany An	nimal C	Eanine/dog	Not Known	01/05/2016	06/06/2016	7 4	01/01/20	6 Not Known,
 Not Known</br 	Central nervous system disorder NOS,Epileptic seizure	Not Known	Zentrainervöss Störungen und epiletiforme Krämpfe bei vier geimpften Pinscherweipen, 1 Woche nach der Impfung mit Nobbrac SHP und Nobbrac L4.	Not Applicable	Not Known	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (01/05/2016- 01/05/2016)-BR>-BR>Nobivac SHP - N/A,N/A,N/A,N/A,N/A (01/05/2016- 01/05/2016)-BR>-BR>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-0800	Germany An	nimal C	Canine/dog	8 Year(s)	30/04/2016	30/05/2016	1 1	30/04/20:	6 Yes, <e R> Yes</e 	Reluctant to move Apathy	No Data	Kein Erbrechen, sehr matt, mag nicht laufen wie sonst, essen und trinken normal, keine Schmerzen am Injektionsstelle.	Chihuahua	5.4	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (30/04/2016- 30/04/2016)-BR> Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (30/04/2016-30/04/2016)-BR> 	B - Possible	
NOBIVAC L4	OE-DEPENP-2016-0965	Germany An	C C	Canine/dog	1 Year(s)	07/07/2016	14/07/2016	1 1	0 07/07/20	0 Yes_GBN-2BN-6P-6P-6P-6P-6P-6P-6P-6P-6P-6P-6P-6P-6P-		y No Data	unimitable rach Impfung alles 0b, nach 45 Minuten beginnende Schwellung des Kopfes auffallen, unehmen, 15 Kin chni impfung weiden in 764 vorstelle, Allegemiehelfnenden and noch 0b, Schleimhäute, röse, Auskufation ob, Akmung frei (Behanidung mit Dexamethason i.v.) 15 Minuten später dann unandrist blasse, denn leicht apsnotisch Schleimhäute, Kreisdunfersagen, eingescharinktes Bewusstein Unter Infusionstherapie sowie erneut Dexamethason alle Befunde rücksfung (arb. dann ihmen gem Foto schlicken, wenn iber und de emal-Ardesse zuchricken *Resonisch for treatment Impfung Suspected Adverse Reaction: This case was received from the NCA (PEI) via electronic reporting. A dog was vaccinated on 70 Jul 2016 with Noblose siel Prieh and Noblose I. Timmedately after the vaccination everything was in conspicuous. After 45 minutes, a starting swelling of the head was noticeable, increasing. I hour after vaccination, the dog was presented in the verp rarctice again, general condition was still inconspicuous at that time, the mucosae were pink, auscultation was without Infindigs. Postating was free: Treatment with Dexamethason (il.) vias periormed. The 15 is minutes later, flist pale, then slightly cyanotic mucosae, circulatory failure, restricted consciousness. Under infusion-therapy and again Dexamethason all findings declined. The reporter offered to send a photo. Duration of event: 2 hours. As additional information on the vaccination, the following was stated: "AMPH-14" as combination administered in two injections." Ver's Causally assessment: "Not all vacciness, with the statement: "oedematous weelling of the face after approx 45 minutes, thereafte also circulatory probiems; it is of course under with component causes the allegier reaction." Note by MMH (main changes performed during importing; / comment), vectorA-codes: "Pale mucous membrane" and "Cytonosis" and "Allegier extention" verbe das description to note sees description and vet's causality statement. The additional information on the vacci	French Buildog	. 14	Nebwa (14 - 1 N/N,N/A (10)N/A (07/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016) (107/07/2016)	B - Possible	
NOBIVAC L4	OE-DEPENP-2016-1126	Germany An	C C	Canine/dog	1 Year(s)	12/08/2016	25/08/2016	50 1	0 12/08/20:	6 Yes, <e R> >ER>Yes</e 	Tachycardia, Parting, Hyperthermia, Eyelid oedema, Facial oedema	No Data	Six das received from the NCA via electronic import. Nurrative translated from German to English. Approva Down self var circation the dog showed a high-grade head ecdemia circledgi bilateral regiul oedema. The dog was presented to a nearby wet folinic. Heart rate 80 per minute, temperature 99.11°C, paranting, lung was without finding upon associatation, muccous membranes pink, callary well till me 2 sec. After administration of Deamethasone and Diphenhydramine the welling slowly abated. 24 hours later the dog har derovered and was in a good general condition. Further information entered by the NCA to the specific screens: The dog (fernale Labrador Retrievely was vascinated with Nobbus SIPP) and Nobbus ch. on 12 Aug 2016. Recovery date: 13 Aug Total number of exposed animals: 50, reacted: 1. Case closed. [Reason for use for product: Generic: DIPP9 IV Brand: NOBINAC SIPPP INDIGES 122 Reason: Vascination [State of health! Unknown] oz 3 has other inching land more framed in lener analoguegeen Trentlink vorgesteit, trestrifequent sQrimin, 139,17°C, hechell, Lunge auskultatorisch obe, 3 tross, 1972. See neach Verbaerberung von Dezemmehringer, see wurde dam in einer nahegelegeen Trentlink vorgesteit, trestrifequent sQrimin, 139,17°C, hechell, Lunge auskultatorisch obe, 3 tross, 1972. See neach Verbaerberung von Dezemmehringer, see wurde damin ging die Schwellung allmalitik: zurück 21 später was so nine Befund bei gutern Algemeinbefinden * Reason(s) for verbaern imprignophysis.	Labrador Retriever	27.3	Nebiwa: LE- NI/AN/A,NIA, NI/A,NI/A LI/206/2016- LI/206/2016-BRBB-Nebiwa: SPPF- 1,11 Yes-RI/AN/AI/A (12/08/2016-12/08/2016)-BRBR	B - Possible	
NOBIVAC L4	DE-DEPENYP-2016-1135	Germany An	C C	Canine/dog	16 Week(s)	17/08/2016	29/08/2016	1 1	0 17/08/20		Behavioural disorder NGS, Gedema NGS (see other SOSC for specific oedemas), Facial oedema, Lump	Not Known	SAR Case received from the NCA via electronic import. Narrative and additional information within the Call History translated from German into Rigidis. On 17 Aug 2001 61 80 26 and 18 and 18 news call called the Call History translated from German into Rigidis. On 17 Aug 2001 61 80 26 and 18 and 18 news called Rigidis. All Called History translated from German into Rigidis. On 18 and 18 news called the respectively blass immunization). A home apports at 10 an. the deg got call and developed multiple lumps at the rump and legs, both eyes and the snout were massively swollen with lumps, 18 popportames—head, circulatory system without findings, as but calmer. The deg was hoppitalized and treated with Dearmethasone s.c., onal Celetrinin, onal Calcium, stationary monitoring. Previous vaccination a weeks ago (20 Jul 2018) with the same combination of vacciens (Nobios SHPPH L417) had been tolerated well. The owner could not Celarly answer question concerning possible insect bite, is not sure, but rather excludes it. Vet thinks it could also have been an insect bite (Revi vaso). A few days ago the dog had tried to catch a wasp with his mouth, but showed no reaction. The described reaction was in a very loss temporal relation to the vaccination. [Reason for use for product: Generic: LEPTO*4[ICT_CAM_GRIPP_BRAT] XB Brand NDBIVAC L4 SOULDS 540 Reason. Third vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccination basic immunization) Generic: CHPPI U. Brand: NDBIVAC SHPPI L5015 122 Reason. Theird vaccina	Jack Russell Terrier	3.9	Nebbuc Ld N/AN/A,N/A,N/A,N/A (17/08/2016- (17/08/2016-18-R-B8-Nebbuc) SPPP - 1,14 Weeks,24.8.2 is implicitly shpoil, 6g, 100th: multiple Beulen am rumpf, augen schwauerbericht massiv gschwollen (17/08/2016- N/A-B8-2B-Nebbuc) T - N/AN/AN/A N/AN/A (17/08/2016- 17/08/2016)-BR>-BR>	B - Possible	

NOBILIA C : :	DE-DEPEIVP-2016-1386	C	Animal	Carlan (da	46 Mar-16 ()	30/09/2016	17/10/2016	a a	0 30/09/20	relative.	Facial oedema, Bloody diarrhoea		Der Hund zeigte ca 3 Stunden nach der Impfung ein massives Kopfödem und blutigen Durchfall. Von mi	r Not Applicable		Nobivac L4 - N/A,N/A,N/A	B - Possible	
		Germany			16 Month(s)			1 1		Known, GBR>GBR >GBR>GBR>GBR Not Known, GBR>GBR >GBR>GBR>GR Yes, GBR>GBR>GR R>GBR>GBR>No Known		Known	enhelt er sofort ein Antibitanninikum. Die welterbehandelnde Tierklinik Magdeburg setzt die Therapie mit Infusionen und zugler Antibiokum nich. *Rezions[6] for treatment: Prophylaus SAR case received from the NCA via electronic import (parrative translated from German to English). Approx 3 hours afte the vaccination the dog showed an ansisch bened deem and bloody darineha. The attending vet immediately applied an antibitationnic. Further treatment was performed in a vet clinic with Infusions and later an antibition. AMH comment: Case Lossified as commany serious due to life threatening symptom bloody diarrhea. [Reason for use for product: Generic: DIPL V Brand: NOBINAC SIP INDIGS 122 Reason: Prophylaus Generic: EIPTO*4(EICTANGEIPPBART) KB Brand: NOBINAC SIP INDIGS 122 Reason: Prophylaus Generic: RABIESTI NA LUI ADJUVANT KV Brand: NOBIVAC T-SOXIDS SCOR Reason: Prodphylasis Generic: CRAINE NA LUI ADJUVANT KV Brand: NOBIVAC F1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE NA EARLAND LUI V Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMITEURZ ALV Brand: NOBIVAC P1 DIXIDS 620 Reason: Prophylasis Generic: CRAINE PARAMIT	î.		2.4 Unknown Unknown Unknown (30/09/2016-30/09/2016-8R>-dR>-Nobivac PI-N/A,M/A,M/A, 2.4 Unknown (30/09/2016-30/09/2016-8R>-RB>-Nobivac SIP-N/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M		
	DE-DEPENYP-2016-1422	Germany	Animal	Canine/dog		06/10/2016	26/10/2016	1 1		R>GBR>GBNYes	Facial oedema, Eyelid oedema, Face and neck swelling (see also 'Skin')		Suspected adverse reaction. One dog got vaccinated with Nobixac P and Nobixac L 4 simultaneously and Nobixac T concurrently on 60 Cot 116 by the reporting vet. Approx 30 min later the owner called and reported that the head of the dog was strongly swollen. The dog returned to the practice and the vet confirmed the swelling of the head and manily the flexes. The attending vet treated the dog with a cortision injection and after a few hours the swelling subsided and at the end of the day the dog recovered again. Case closed. Follow-priom 26 Cot 2016. The case was received from the NCA [Psi] vale electronic reporting (06-DPERIVP-2016-1422). The event was described slightly differently as follows: 30 minutes after the vaccination, the owner noted as swelling of the face (flexes, spellids). Aleaprox 1 hours, the dog was again in the practice, Desamethasone was administered. The general condition was undestuded. The amount was released home for monitoring (outcome: recovered), in the electronically received case, the VeODIA-term "Facial oedems" as coded (start date: 0 Cot 2016 on one date given) and the weight of the dog was given as 1.3 kg (sour case: 1.3 kg). The case was classified by the NCA as non-serious. The primary reporter's assessment was given as "A" for all three vaccines, Note by MANE according to the information in the electronically received case, the VeODA-codis "Facial oedems" and "Eyeld oedens" were added globin with start, end date 0 Cot 2016 and treatment details were changed from 1.5 kg (to "approx.1.9 kg" as it is unclean which value kg (non) excluded case, the VeODA-codis "Facial oedems" and "Eyeld oedens" were added glob with start, end date 0 Cot 2016 and treatment details were changed from 1.5 kg (to "approx.1.9 kg" as it is unclean which value kg (non) excluded case, the VeODA-codis "Facial oedems" and "Eyeld oedens" were added glob with start, end date 0 Cot 2016 and treatment details were changed from 1.5 kg (to "approx.1.9 kg" as it is unclean which value kg (non) excluded case, the VeOD	Chihushus		Nobiwa Lt - 1,N/N/N / 240.nc (05/10/2016 (05/10/20) (05/10/20) (05/10/2016 (05/10/20) (05/10/20) (05/10/20) (05/10/20) (05/10/	B - Possible	
NOBIVAC L4	DE-DEPENYP-2016-1426	Germany	Animal	Canine/dog	1 Year(s)	11/10/2016	26/10/2016	1 1	0 11/10/20	Ves	Injection site pain, Hypersensitivity to pain, Trembling	No Data	Nand attent wolfte sich nicht anfassen Issens schmerzempfindlich an der Seite wo er geimpft worden is skeine Behandlung Supscreted Adverse Reaction: This case was received from the NCA (PEI) via electronic reporting. A dog was vaccinated with Nobivac L4 on 11 Oct 2016. The dog trembled and dolfn' want to be clouded and was sentitive to pain at the side where it had been vaccinated. No treatment was performed. Starf, / Duration of reaction: 11 Oct 2016, less than 12 hours post vaccination / 15 Oct 2016 (4 days.). Admissional info: the dog plant tolerated well the vaccination in 2015 with Nobivac SEPPP and Nobivac L4 and Nobivac T either: it had been very calm for several days. Note: this information is entered as spararet linked case 2016-01-0109 (OLP DEPID-7016-1-029). Due to the fact that the dog had been that calm after the vaccination in 2015, Pi was omitted this time Pimary reporter assessment 18 possible with the statement "Occurred after the vaccination". Not by MMH (main changes performed): Nobivac L4 was coded as "Company product". In the initial case, only the VeODRA-code "irection site pain" was coded with sart / end date 11 Oct 2016 / 1300 ct 2016	Shih Tzu		Nobwac L4 - 1.1.1 N/Ahatten Pi weggelssen, de reitzets ahr nach der Impfung so ruhig war (11/10/2016-11/10/2016)-BR>-BR>-	B - Possible	
	DE-DEPEIVP-2016-1429	Germany	Animal	Canine/dog	1 Year(s)	01/01/2015	18/10/2016	1 1	0 01/01/20	IS Yes, BR>ER>NO KNOWN, BR>BR>BR>NO KNOWN (BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	system depression in	No Data	Natte die Impfung letztes Jahr. Nobivoc SHPFI + L4 + T auch schlechtvertragen: war einige Tage sehr ruhig ** Reason(s) for treatment: Impfung zur Prophylase Linked Gase: DE-PEI-2016-1426	Shih Tzu		Nobivac L4 - N/A,N/A,N/A,N/A,N/A (01/01/2015- 01/01/2015)-BR- Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (01/01/2015- 01/01/2015)-BR> Nobivac T - N/A,N/A,N/A,N/A,N/A (01/01/2015- 01/01/2015)-BR> 	B - Possible	
NOBIVAC L4	DE-DEPENP-2016-1463	Germany	Animal			26/09/2016	10/11/2016	1 1	26/09/20	16 Yes, SR> Yes		No Data	Case recived form NCA [PEI] via electronic reporting. 5-10 minutes post hijection of Nobius C3FPI and Nobius C4, IA the og started staggering bearms pale mucus membrane and collapsed (anaphylactic shock). Animal was treated with Diphenhydramine and Medrate Solubile and recovered within 20 minutes. Case closed. Note: Case was changed to serious for company assessment. Reason for use for product: Generic LEPPO LECT/CANGE/MSP/RADT/AB Brank NOBIVAL 41 DXLDS 540 Reason: Vaccination Generic DHPPI LV Brank NOBIVAC SHPPI DXLDS 512 Reason: Unknown, State of health: Unknown JS-10 Min. nach der injektion von Nobius CSHPPI/14. Ering der flund and zu torkeln, wurde blass und kollabserte. Nach Behandlung mit Diphenhydrami und Medrate Solubile enholts sich der Hund wieder in az 20min. (flund zuvor am 16.18 ib beim Züchter mit Nobivac SHPPI/14. geimpft-keine UAW bekannt).* Reason(s) for treatment: Impfprophylaxe	Not Applicable	1.4	Nobiwac 14 - N/A,N/A,N/A,N/A,N/A,N/A,(26/09/2016-(26/09/2016-28/09/2016)-BR->BR-Nobiwac SHPH - 1,N/A,N/A 1,0,x/inische Untersuchung unauffällig 138,3 <br-injektion (26="" 09="" 2016)-br-="" 2016-26="" aspiration="" bauchwand="" nach="" sc="" seitl.="">BR-</br-injektion>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-1470	Germany	Animal	Canine/dog	3 Month(s)	25/10/2016	27/10/2016	1 1	0 25/10/20	16 Yes, BR>BR>BR>Pes R>BR>BR>Pes BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>Pes	, system depression in	No Data	Hand hat Durchfall Alig. Bef. selr. gat. hat aber viel geschlafen keine Behandlung aber Schonkost * Reason(s) for treatment: Prophylaxe	Golden Retriever	9.7	Nobivac L4 - N/A,N/A,N/A, N/A,N/A (22/10/2016- 25/10/2016)-BR> Nobivac SHPPI - 1,1,1, N/A,war schon mit Nobivac SHPPI - 1,4 am 04.10,2016 geimpft worden (25/10/2016- N/A) Nobivac TI-PI (N/A)/A,N/A,N/A,N/A (25/10/2016- 25/10/2016)-BR> 	B - Possible	

	DE-DEPENP-2016-1471	Germany	Animal	Canine/dog	1 Year(s)	18/10/2016	08/11/2016	1 1	0 21/10/20	(6 Yes, GRGRC R>GR-SEN-GRC GRGRGRGRGRGRGRGRGRGR-	Vornting, Lameness, Cough, Fever, Agathy, Intestinal disorder NOS	o No Data	Hund hatte erst Erherchen kein Druchfall, Magen-Darm-Geräusche Husten hat gefreissen, hat aber viel geschären, deutlich nulger seit 2 Tagen Hangbeinlahmeit Hi. L. Belastet kaum ersten Tag 39,17, heute 39,7 Brontgen (Abdomen, Becken); o. b. 8. Blutuntersuchung (Blutbild, Chemie); o. b. 8. Harn-US Behandlung, "Pundus, Perelision Schöndorst eig ehlt him langen beszer vom Luden erbricht nicht mehr, Magen-Darm wieder of aber heute erhöhte Temperatur * Reason(s) for treatment: Prophylaxe Saspected adverse reaction, case received from the NAC via dectronic import furarible translated from German to English): Dog at first had emeiss, no darnhea, gastro-intestinal sounds, coughing, Did ead, but siege 1 alo vobously claime. Since 2 days lameness him feller, not putture weight on the leg Or the first stu 39.31, 'Loday 39.5'. X-ray (abdomen, high, blood examination (Blood analysis, chemistry): without change, unine examination. Testament: Synulos, Perdoision, Bain delt. Concerning the walking, the dog is slowly improving, no emeis anymore, Gastro-intestinal oka again but today higher temperature. Additional information derived from the call history: dog was voscinated with Noblaxe. SHPPI, Nobbac L4 and Noblaxe T already last year. [Reaction] occurred after the vaccination but after the first vaccinations no syngtoms occurred. MAH comment: VedPRAA code * intensit kollistors* of SPP INDIAS 122. Reson Prophylaxis Generic: CANINE PRAMTHULENZA IV Brand: NOBINAC L4 IDIXIDS 50.0 Reason: Prophylaxis Generic: EAPIET VALLA ZURA STANC STANCE STAN	Not Applicable	16.4	Noblact (1- N/AN/AN/A N/AN/AN/A (18/10/2016)		
	DE-DEPEIVP-2016-1523	Germany	Animal	Canine/dog	4 Month(s)	14/11/2016	24/11/2016	1 1	14/11/20	Known, BR> SBR>CBR> Not Known, CBR> SBR>CBR> Not Known, CBR> Not Known	Pruritus, Eyelid oedema, Wheal, Facial swelling (see also 'Skin'), Urticaria	Not Known	Case recived from PEI: On 14 Nov 2016 one dog was vaccinated with Nobwac SHPP, Nobbwac T and Nobbwac L Augon. 2003 minutes after vaccination wheals, swelling and purities in the face, high-grade epild oxed-ma and swelling at the nose occurred. MMH comment: case assessed serious due to back or idomnation regarding duration of signs and treatment. [Reachs for use for product. Generic: DMPI VB Brand: NOBIWAC SHPPI 10XLDS 122 Reason: Vaccination Generic: RABIES IN ALU ADJULVANT KV Brand: NOBIWAC SHPPI 10XLDS 122 Reason: Vaccination Generic: LEPTO*QLIC_CANGLINIP ACID AT START NOBIWAC SHPPI 10XLDS ADDITION CANCENTRY OF A START NOBIWAC LAS OLIDS 540 Reason: Vaccination Generic: LEPTO*QLIC_CANGLINIP CANCENTRY OF A START NOBIWAC LAS OLIDS 540 Reason: Vaccination Generic: LEPTO*QLIC_CANGLINIP CANCENTRY OLID ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID AND ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID ADDITION OF A START NOBIWAC LAS OLID SAN DESIRATION ACID ADDITION OF A START NOBIWAC LAS OLID ADDITION O	Boston Terrier	6.1	Nobivac L4 - N/A,N/A,N/A,N/A,N/A L4/11/2016-6BR-SBR>Nobivac SHPPI - N/A,N/A,N/A,N/A L4/11/2016-6BR>-SBR>Nobivac T - N/A,N/A,N/A,N/A,N/A (14/11/2016-14/11/2016)-BR>-SBR>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2016-1557	Germany	Animal	Canine/dog	5 Year(s)	22/11/2016	25/11/2016	1 1	22/11/20	L6 Yes, <e R> >BR>Yes</e 	Abdominal pain,Anuria,Inappetence,Stiff gait,Arched back	No Data	vorberichtlich: ca. 2 Std. nach Impfung gekrümnter Rücken, steller Gang, kein UA, Inappeterz Untersuchung: Palazion Abdomes schremfalt, erhöhlte Bachdeckenspanung, Therapie: Novaminus/Idn - Reason(s) for treatment: Impfung Comment: NW nicht an MSD gemeldeet wg schlechter Erreichbarkeit (mehrfach in der Warteschleife versauert)	Chihuahua	3.6	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (22/11/2016- 22/11/2016) >BR>Nobivac SHPPI - 1,N/A,N/A,10,N/A (22/11/2016-22/11/2016) 	B - Possible	
	DE-DEPENY-2016-1563	Germany	Animal	Canine/dog	2.5 Month(s)	28/11/2016	01/12/2016	1 1	28/11/20	1.6 Yes, R> Not 	Restlessness, Facial oedema	Not Known	Mointetinder, geboren am 107.09.2016 Gesichtschwellung und Unnübe. Dezamtatisson i v. vorringfung vod Avolene. StePliv John SCD case received from PELSAR. Dr. 8 de No 2016 one dog (breed Mensterlender) was vaccinated with Endurzeell T, Nobinos StePla and Nobinos L4. The same day the dog showed fecial swelling and restessense. The dog was treated intravenously with Dezamethasone. The dog recovered (exact date not known). No more information expected. Note: the dog was already voccinated with Nobinos SPPP and a Nobinos Leptoprojons vaccine fexant product not known! A weeks before. Molt comment. As reaction was treated with Dezamethasone is and it is not exactly known! I dog was in all let threstering condition, case assessed company serious, (Reason for use for product: Generic: Brand: Enduralcell T 25x1DS Reason: Vaccination Generic: LEPTO*QICT.CAM.GRIPP.BRAT) KB Brand: NOBIVAC L4 SOX1DS 540 Reason: Vaccination [State of health trialorus]	Small Munsterlander		Enduracell T - N/A/N/A,N/A /N/A/N/A (28/11/2016- 28/11/2016-RSB-Noblova L4 - N/A/N/A/N/A /N/A/A (28/11/2016- 28/11/2016-RSB-Noblova SHPB - N/A/N/A/A /N/A/A (28/11/2016-28/11/2016)-BR> 	B - Possible	
	DE-DEPENP-2016-1572	Germany	Animal	Canine/dog	5 Year(s)	04/09/2015	29/11/2016	100 1	05/09/20	IS Yes, cBR> R> 	Epileptic seizure	No Data	SAR received from the PEI via electronic importation. One day after each mentioned vaccination face also linked case 2016-6 02:1351 bit does glowed an on-receiving epileptiform seture. The following month the dog showed no more seizures, furthermore before first administration of Nobbez vaccines no seturies were even observed. This year another vaccine against teptosporsion six used and no adverse reactions occurred. MAH comment: case assessed serious. [Reason for use for product: Generic: LEFO*4 (ICP.ACM,BEP) BARIA NE BERNAT (INSENSE) REASON Vaccination [State or health: Unknown] from another per care and application from production of the period of t	Labrador Retriever	30	Nobinac L4 - N/A/A/A/A, N/A/N/A (0A/09/2015- 0A/09/2015-BR>-BR>Nobinac PI- N/A/N/A/A, N/A/N/A (04/09/2015- 0A/09/2015)-BR>-BR>	O1 - Inconclusive	
NOBIVAC L4	DE-DEPEIVP-2016-1637	Germany	Animal	Canine/dog	5 Year(s)	09/12/2016	16/12/2016	1 1	09/12/20	I.6 Yes, RXBRXBRNOI Known, SBRXBRXBR Yes	Allergic reaction,Urticaria,Swollen lip (see also 'Skin')	No Data	Leotossiose Vascine war ohne Nebenwirkuneen. Allegische Reaktion mit Schwellung der Lettern. Besserung auf Prednisolon- Inj. 24 Stunden später erneut Urtikaria am gesamten Körper, erneut Prednisolon Img/kg + waschen mit Allermyl Shampoo. Danach Besserung.	Not Applicable	8.9	Nobivac L4 - N/A/N/A,N/A,N/A,N/A (09/12/2016-) 09/12/2016-) 09/12/2016-) 09/12/2016- 09/12/2016-) 09/12/2016-) 09/12/2016-) 09/12/2016-) 09/12/2016-) 09/12/2016-) 09/12/2016-)	B - Possible	
NOBIVAC L4	DE-DEPENY-2017-0102	Germany	Animal	Canine/dog	3 Year(s)	19/01/2017	30/01/2017	1 1	0 19/01/20	17 Not Known,
 Yes</br 	Trembling.Apathy	Not Known	Case received from PEI via electronic importation: According to the owner approx. 30 minutes after vaccination trentiling started, minimal apathy, General examination without results, no pain or swelling at the legicion sta, or cardiologic or neurologic abmonaities, body temperature 35.1°C, heart frequency 136/min regular and constant, venous refilling time < 2 sec. Note: The dog had already shown receiton after use of ectopassitic Spor-On and nearesthetics (other very [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC SHPPI SOXIDS 520 Reason: Immunization against distemper, hepatitis contagions cards, sanovivosis, parainfluenza Generic. LEPTO*QHCT,CAM,GRIPP,BRAT) US Brand: NOBINAC L4 SOXIDS 540 Reason: Immunization against descriptions [SIST of health: Unknown] but Bestater ca. 30 Minuten and himping beginnendes Zittern ggr. Apathie Aligemeine Untersuchung ohne Befund, weder Schmerzen und Schwellung an injektionsstelle, noch ardiologisch den envolvogisch ardillige. IT 83.7°C; Hz 187 geglandige, gleichmäßig, KTZ <2sec.* Reason(s) for treatment: immuniserung gegen Staupe, Hepatitis contagiosa canis. Raprovioriore Starrinfluenza, Lectoropiose	French Bulldog	9.8	Nobivac L4 - N/A.N/A.N/A 24, Unknown (19/02/2017- 2) (2) (2) (2) (2) (2) (2) (2) (2) (2) (B - Possible	
NOBIVAC L4	DE-DEPEIVP-2017-0103	Germany	Animal	Canine/dog	3	03/01/2017	30/01/2017	1 1	03/01/20	17 Not Known, BR > BR>BR>BR> Not Known, BR > BR>BR> Not Known	Urticaria,Pruritus,Anaphylactoid reaction,Swelling NOS	Not Known	Case rectived from PEL analyhylictic reaction, putaties, pruntus, swelling. [Reason for use for product: Generic: LEPTO*4[ICT_CAM_GRIPP_BRAT] KB Brandt NOBINVAC L45 SOLDS 540 Reason: Unknown Generic: RABIES IN AUL ADJUVANT KV Brandt NOBINVAC T50X105 620 Reason: Unknown Generic: DHPPI LV Brandt NOBINVAC SHPPI SOXIDS 620 Reason: Unknown] [State of health: Unknown] Anaphylaktische Reaktion Pustein, Pruritus, Schweillung	Not Applicable	9	Nobivac L4 - N/A/N/A/N/A, N/A, N/A (03/01/2017- 03/01/2017)eRR~BR>Nobivac SHPPI - N/A/N/A, N/A, N/A (03/01/2017- 03/01/2017-BR>-BR>Nobivac T - N/A, N/A, N/A, N/A (03/01/2017- 03/01/2017)eRR~BR>	B - Possible	
	DE-DEPEIVP-2017-0202	Germany	Animal	Canine/dog	Week(s)	17/01/2017	10/02/2017	1 1	17/01/20	Known,
 <r> Not Known</r></br 	Swelling around eye	Not Known	Der Weige wurde am 17.01. 2017 mit unserem gänigen inngfatoff anchgeinerfd, It., Inngfung war durch Interart des Zürkters erfolgt, inngfatoff von Zeiels, Zweis kunden nach erfolgter inngfung reif der Beistzer an. Der Hund hatte beider Augen zugeschwollen. Hund zeigte keine weiteren Erscheinungen oder Symptome. Nach Behandlung mit einigen Tropfen Fenistil war der Hund laut Besitzer am nächstet Tag morgens wieder normal.	n		Nobivac L4 - N/A,N/A,N/A,N/A,N/A (17/01/2017- 17/01/2017) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (17/01/2017-17/01/2017) 		
NOBIVAC L4	DE-DEPEIVP-2017-0208	Germany	Animal	Canine/dog	3 Year(s)	03/01/2017	20/02/2017	1 1	03/01/20	I7 Not Known, SBR >BR>SBR>BR> Not Known	Inappetence, Shivering, Apathy, Apprehension	Not Known	Fing mach impfung an zu zittern, hat sich verkrochen, apathisch und Inappetenz Wurde nach ca. 1 Tag wieder besser.	Not Applicable	4.25	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (03/01/2017- 03/01/2017) Nobivac Pi - N/A,N/A,N/A,N/A,N/A (03/01/2017- 03/01/2017) 	B - Possible	

	OE-DEPENY-2017-0223	Germany	Animal	Canine/dog	Not Known	20/02/2017	06/03/2017	1 1	ō	20/02/2017	Not Known<8B7
 <br< br=""> Not Known<6B7<br< br=""> Not Known<6B7<br< br=""> ROMN<br< td=""> ROMN<br<< td=""><td>Vomting Facial coedens, Pruritus, Trembling</td><td>Not Known</td><td>Not Received from the NCA via electronic importation on 06 Mar 2017 inarrative translated from Pag man 1oc fighlis, Report of the vet. After the vaccination on vereived our treats and a home a eat, on the way no noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of misures ago not-time wonting on noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of misures ago not-time wonting on noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of the care the law of the care the law of the care the law of the care that the law of the care that the law of t</td><td></td></br<<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br<></br 	Vomting Facial coedens, Pruritus, Trembling	Not Known	Not Received from the NCA via electronic importation on 06 Mar 2017 inarrative translated from Pag man 1oc fighlis, Report of the vet. After the vaccination on vereived our treats and a home a eat, on the way no noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of misures ago not-time wonting on noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of misures ago not-time wonting on noticeable uptake of anything, but cannot be excluded. First went for a walk and effected. Then, approach of the care the law of the care the law of the care the law of the care that the law of the care that the law of t	
NOBIVAC L4	DE-DEPENY-2017-0227	Germany	Animal	Canine/dog	8 Week(s)	08/08/2016	13/03/2017		1	16/08/2016	Not Known,dBr>dBr >>Br>dBr>dBr Not Known	Convulsion Death by euchansia, Encephalits, Abnormal necropsy finding Status epilepticus, Apathy	Not Known	Not exceived from PET via electronic importation: A 8-week old supply was savicinated the first time on German Age 2016 with Noblock 1 and Noblock 26PH. At this time the puppy was about they normal and evely. Eight days later, on 16 Aug 2016, it was feeded at 2 pm. The puppy was eating with great experiments of the puppy was also with the puppy was personally and the puppy was personally with the puppy was personally was unconsious. The attending vet arted epileppy treatment (infusion, MCP, Diazepam). The owner insisted to treat the dog for a cancination reaction," Fearthern with the puppy was a permanent seture and so was sent to a clinic. At 7 pm the puppy was presented to the inicial vet and again it was indicated in this finglit be an "occaration reaction." Fearthern with thanke the dog, as it was still in a permanent seture and was suffering, leastlist of necropsy: terreliable and membroycia and leucocate militarious, allowate, they grade, secsoment. The severe alterations of the cerebral vessels can be either caused by an immumediated suse or an viril disecens. Regarding the vaccine-associated encephalitist of the German Pinscher no stological confirmed data are availables of an 5.0 the results cannot be compared with other clinical stats. Since two days a ungemented wimpering detailled report on clinical signs and treatment see tatchment Virological analysis of organ material from post-mortem samples by PCR was negative for inconvirus, Adenovirus April 2018 and 2018	- Possible
NOBIVAC L4	DE-DEPEIVP-2017-0228	Germany	Animal	Canine/dog	Not Known		28/02/2017	1 1		24/02/2017	Not Known,
 >BR> Not Known</br 	Trembling,Swelling NOS,Hyperaemic mucous membrane	Not Known	m Abend nach der Impfung reagierte der Hund mit angeschwollenen und stark geröteten Labrador Not Nobivac L4 - N/A,N/A,N/A,N/A,N/A (N/A-N/A-BR-ABR-Nobivac SIP- N/A/ARR-AR-NAN/A,N/A,N/A,N/A,N/A N/A/ARR-AR-NAN/A,N/A,N/A,N/A,N/A N/A/BR-AR-SBR-NADIVAR-NAN/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/	i - Possible
	DE-DEPENY-2017-0259	Germany	Animal	Canine/dog		02/03/2017	14/03/2017	1 1			Yes, Not Rx-GR>Not Known	Fivnal reddening Actioning of the Sixh Purtus, Ivade Sixh Purtus, Iva	Not Known	A Native creative from the NCA via electronic import on 14 Mar 2017 (NCA narrative translated from Markes (NCA) and Narrative (NCA)	
NOBIVAC L4	DE-DEPEIVP-2017-0274	Germany	Animal	Canine/dog	2 Year(s)	23/02/2017	06/03/2017	1 1		23/02/2017	Not Known, Not Known, Not Not Known	Pruritus, Oedematous erythema, Urticaria, Eyelid oedema	Not Known	esitzerin betrat 90 Minuten nach der impfung emeut die Praxis. Das Tier zeigte eine Schwellung (ggr. Yorkshire 1971) und die Augen mit Erythem. Das Tier emgfand nutzeriz. Therapie: Desamethason s.c. + Terrier (23/02/2017- 23/02/2017-	- Possible
NOBIVAC L4	DE-DEPENY-2017-0281	Germany	Animal	Canine/dog	18 Month(s)	07/03/2017	08/03/2017	1 1	0	07/03/2017	Not Known,
 >BR> Fs, >Not Known</br 	Facial oedema,Trembling Vomiting,Urticar ia	Not Known	7. Notiver (1 = N/LN/LN/LA N/LA N/LA N/LA N/LA N/LA N/L	- Possible

	DE-DEPENP-2017-0321	Germany	Animal	Canine/dog	Not Known	26/07/2016	24/03/2017	1	1	1		Yes, GBR>GBT-GBT-GBT-GBT-GBT-GBT-GBT-GBT-GBT-GBT-	defeation/typeralwation_galegit coefficients in the mouth_beath by euthansis, Hind limb ataxis, Apathy,Trembling		SAR received from NCA (PEI) via electronic importing: Dog was vaccinated with hobbac L4, Nobvac SPRP and Nobvac T- on 26 Jul 2016. 15 Ng. 2016 first presented with eplegation seizure. 20 Aug 2016 first presented with eplegation seizure. 20 Aug 2016. Since yesterday morning epilepsy-like seizures, foam in front of the mouth, salvation, deceasion, remaining at the enter book, then diagage the left him dim a little the behind, apathetic, without reference to food intake new episode yesterday at the vet: injection of Diazepana 20 mg; in the eference and the enteron again and the enteron again and the enteron again and the enteron expension of the enteron again and the enteron again again and the enteron again and the enteron again again and the enteron again a	German Pinscher	Not Known	Noblac L4 - N/AN/AN/A N/AN/A (26/07/2016- (26/07/2016- 26/07/2016- (26		
NOBIVAC L4	DE-DEPEIVP-2017-0359	Germany	Animal	Canine/dog	16 Week(s)	23/03/2017	24/03/2017	1	1		.,,	Yes, <e r=""> <b< td=""><td>Facial oedema</td><td>No Data</td><td>Schwellungen im Gesicht (Lefte, Augenbereich) behandlet von TA im No mit Predin, duruter Roichgang der Syngtome "Resono() for treatment am 23.2.2016 innigm ein Nobious EPPRIAT - ohe WW Wiederholungsimpfung am 23.3.2016 mit Nobivac SHPRIAT - A456C01+A056A02+A304B01</td><td>Labrador Retriever</td><td>1.6</td><td>Nobivac 14 - N/AN/AN/A N/AN/A (2/303/2017)-BR->BR-Nobivac SHPP - 1.N/AN/A, 10.Imp <6R->SHPP 109/2018 - BR->4 05/2019 - BB-T 03/2020 (2/303/2017)-BR->BR-Nobivac T - N/AN/AN/AN/AN/A(23/03/2017- 23/03/3017)-BR->BR-Nobivac T- N/AN/AN/AN/AN/A(23/03/2017- 23/03/2017)-BR->BR-></td><td>B - Possible</td><td></td></b<></e>	Facial oedema	No Data	Schwellungen im Gesicht (Lefte, Augenbereich) behandlet von TA im No mit Predin, duruter Roichgang der Syngtome "Resono() for treatment am 23.2.2016 innigm ein Nobious EPPRIAT - ohe WW Wiederholungsimpfung am 23.3.2016 mit Nobivac SHPRIAT - A456C01+A056A02+A304B01	Labrador Retriever	1.6	Nobivac 14 - N/AN/AN/A N/AN/A (2/303/2017)-BR->BR-Nobivac SHPP - 1.N/AN/A, 10.Imp <6R->SHPP 109/2018 - BR->4 05/2019 - BB-T 03/2020 (2/303/2017)-BR->BR-Nobivac T - N/AN/AN/AN/AN/A(23/03/2017- 23/03/3017)-BR->BR-Nobivac T- N/AN/AN/AN/AN/A(23/03/2017- 23/03/2017)-BR->BR->	B - Possible	
	DE-DEPEIVP-2017-0365	Germany	Animal	Canine/dog		20/03/2017	27/03/2017	1	1			Yes, <e R> Not Known</e 	Inappetence, Decreased activity, Gut sounds increased, Swollen lymph node, Thrombocytopenia, Apathy	No Data	Report of possible side effects after Nobivac L4 and Nobivac Praccination in 5 year old healthy, 18 lg, castrated female cross breed dop, No contact to unfamiliar dops, no intake of possion or carcass observed. Former vaccination without or only mild clinical signs. Clinical signs: moderate to markedly decreased activity, lassitude, lying position preferred, reduced or no food consumption. Lini mandiobulers margingly inflictence, gastro intestitals usual displicy increased in absence of feces alterations. T 38.5°T, mucosae no abnormality detected (NAO), capillary refill time NAD, heart/fung auccitation NAO, adominal pajastion NAO. Mean plateted volume (NMP) will below range), all other hematology - clinical blochemistry values NAD/within ranges. "Resson(s) for treatment: Regular Vaccination (Novighes 4 and Novikae)."		18	Nobivac L4 - 1,1,1 Years,ID,Combined Vaccination of Nobivac Pi (Batch AMS-501, Exp Date Aug-2018) and Nobivac L4 (see above). I2/0/3/2017. I2/0/3/2017/SBR~SBR>Nobivac Pi- N/A,N/A,N/A,N/A,N/A (20/03/2017- 20/03/2017) 	B - Possible	
NOBIVAC L4	DE-DEPENY-2017-0421	Germany	Animal	Canine/dog	8 Week(s)	07/04/2017	13/04/2017	4	4	0	07/04/2017	Yes, GR-KE	Pain NOS/Fever.Not eating.Apathy,Tiredness	No Data	Suspected Adverse Reaction received from PEI via electronic importation: The vaccination itself was without complications, but the animal owner contacted the vea proux. A hour after vaccination. The puppies were very tired since 2 hours, did not want to stand up and did not want to get touched justified at the entire body. No swelling was visible at the injection site. One pupple had a body temperature of 39.4 °C, the other three puppies had a temperature of 39.3 °C. The drain site of the drain site of the site of th	Not Applicable	. 1	Nobwa C L - N/AN/AN/A N/A/N/A (07/04/2017 - 07/64/2017) RBP-Nobwa SHPP- 2.1, 1, 10, Welpen alter-entspeechend entwickelt und allgemeingseund, on hei der Mutter (07/04/2017; BBP-BBP - 07/04/2017; BBP	B - Possible	
NOBIVAC LA	DE-GEPENP-2017-0426	Germany	Animal	Canine/dog	6 Month(s)	15/12/2016	21/05/2017	1	1	0	18/12/2016	Yes_CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	Prunttu. Scratching (thing, Agitation), Hyperthermia, Pever, Mergy NOS, Rehavioural disorder NOS, Restlessness	No Data	Die Tage nach der Impfung beginn der unttillitäte Lukreitz im gennen Körper, haupstächlich am Bauch. Arbeit und Gesicht Bericht. Verhaltenstörungen wie Untwo unt ständiges hin und her Ludreit, Korper war extrem warm/heil. Hat sich am Bauch/arbeiten Bereich komplet auf gekratit. Zur Therapie gab es Appoele zur Lindering des Luckreiten Verhreichten werde mogeles Blubblied mit allern Allegen und Parasiten, Hausgeschabel und eine Bloppie, dabei ist nichts Hilfreiches herraus gekommen. Ein Parasiten, Hausgeschabel und eine Bloppie, dabei ist nichts Hilfreiches herraus gekommen. Ein Bloenergetische mit heine Fellenahge eige das die neim Entpfachaden. * Reason(s) for treatment: Impfung. Durch einen Bloenergetischen impfelsatungstest wurde ein Impfachaden ferstgestellt. Dass auf mehrere Allegeing einommen. Weige wert order impfung seund und hatte keine Arbeichen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte keine Aberüchen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte keine Aberüchen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte keine Aberüchen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte keine Aberüchen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte keine Aberüchen. 3 Tage nach der impfung unstillbaten zukreit. Verhaltensstörung und einbärte der der werden sich sich zu der der der der der der der sich sich zu der der der der der sich sich zu der	Not Applicable	27	Nobisuc L4 - N/AN/AN/A M/AL/Informat I - Animal 18/3/12/016- 15/12/2016- 15/12/2016- 15/12/2016- N/AN/AN/A 24_Unknown Unknown (15/12/2016- 15/12/2016)=BR- 	01 - Inconclusive	

	DE-DEPEIVP-2017-0613	Germany	Animal	Canine/dog	3 Month(s)	23/03/2017	14/06/2017	1 1	0 24/03/	R>-BR>-BR>YB -BR>-BR>-BR -BR>-BR>YBS	ss, ×	No Data	Hund war an Injektionsstelle extrem empfindlich, ließ sich nicht hochheben und hat bei bestimmten Bewegungen geschrien. Unerwürschte Wirkung wurde nicht behandelt stellungnahme Intervet: SAR received from PEI weitervom in 1985 i	Not Applicable		Nobivac L4 - N/A,N/A,N/A,N/A,N/A,N/A (23/03/2017- 23/03/2017-BR>-BR>Nobivac SHPPI - N/A,N/A,N/A,N/A (23/03/2017-BR>-BR>Nobivac T - N/A,N/A,N/A,N/A,N/A (23/03/2017- 23/03/2017-BR>-BR>-BR>Nobivac T - N/A,N/A,N/A,N/A,N/A,N/A		
NOBIVAC L4	DE-DEPEIVP-2017-0615	Germany	Animal	Canine/dog	4 Month(s)	04/05/2017	08/06/2017	1 1	0 04/05/	017 Yes, PYBR>Yes, Yes Yes Yes	es, system depression in	No Data	Hand war über 4 Tage sehr möde und am ganzen Körper hyperästhisch, wurde von Tag zu Tag besser und war am (funften Tag verschwunden. huner diodret Fartfaunfahme, kein Erbrechen o. 3 * Reason(s) for treatment: 1. Impfung SHPPH-L4-1 am O4. Mai 2017	Maltese		Nobivac L4 - 1,1,1,24,N/A (04/05/2017- 04/05/2017-BR>>BR>Nobivac SHPPI - 1,1,1,24,N/A (04/05/2017- 04/05/2017)-BR>-BR>Nobivac T - 1,1,1,24,N/A (04/05/2017- 04/05/2017)-BR>-BR>	B - Possible	
	DE-DEPEIVP-2017-0631	Germany	Animal		4 Year(s)	07/06/2017	20/06/2017	1 1		017 Not Known, E > BR>SB Not Known, E > BR>SB Not Known	R ₹>	Not Known	15 bis 30 Minuten nach der Impfung kame szum Vomitus; kurz darauf kam es zum Gesichtsoeden mit Luckeris. Sellungsmen MAH: SAR receder form PEI via electronic importation: 15 30 minutes after vaccination with Nobivac SHP, Nobivac L4 and Nobivac T vomitus occurred, short time later also facial oedema and pruntus occurred. [Reason for use for product: Generic: DHP LV Brand: NOBIVAC SHP DIXIDS 122 Reason: Unknown Generic: LEPTO-4ICT_CAM_REIN_PERATI NB Brand: NOBIVAC 15 SOXIDS 540 Reason: Unknown Generic: RABIES IN ALU ADJUVANT KV Brand: NOBIVAC T SOXIDS 520 Reason: Unknown] (State of health: Unknown)	Pug		Nobiwac L4 - N/A,N/A,N/A,N/A,N/A (07/06/2017- 07/06/2017-BR>~BR>Nobiwac SHP- N/A,N/A,N/A,N/A (07/06/2017- 07/06/2017-BR>~BR>Nobiwac T - N/A,N/A,N/A,N/A (07/06/2017- 07/06/2017)-BR>~BR>		
NOBIVAC L4	DE-DEPEIVP-2017-0640	Germany	Animal	Canine/dog	3 Month(s)	01/06/2017	14/06/2017	1 1	01/06/	017 Not Known, <e > <bi Yes</bi </e 	Facial oedema,Vomiting,Swollen R tongue	Not Known	In der Prais noch oße, nach c. 2 Studen Gesichtschwellung, langsam auch Zunge und Rachernaum einberichend (Angebe durch Bestzeit = Etrochen. Vorstellung in Klinik und Glüdkonfcrüsdehrandlung brachte schnelle Abklingen (Imi Rapidexon + Cerenia 0,6ml) 1. Impfung am 24.04.17 mit Versican L4 war gut vertragen worden.	Not Applicable	6.85	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (01/06/2017- 01/06/2017):BR>-BR>Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (01/06/2017-01/06/2017):BR> 	B - Possible	
	DE-DEPEIVP-2017-1089	Germany		Canine/dog		16/06/2017	02/08/2017	1 1		R> Y		Not Known	Anschwellen der Augenumgebungen, Anschwellen und Rötung der Ohrmuschein.	American Staffordshire Terrier		Nobivac L4 - N/A,N/A,N/A, N/A,N/A (16/06/2017- 16/06/2017)-BR>BR>Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (16/06/2017-16/06/2017)-BR>BR>		
	DE-DEPEIVP-2017-1209	Germany			2 Month(s)		17/08/2017	1 1	0 27/07/	R> Yı	es	No Data	Hyperisthesie am ganzen Körper, Jaulen, Schreien, will nicht angefasst werden * Reason(s) for treatment: reguläre Impfung SHPPH-L44-T	Not Applicable		Nobivac L4 - 1,N/A,N/A ,24,N/A (27/07/2017- 27/07/2017) Nobivac SHPPi - 1,1,1 Minutes,24,N/A (27/07/2017-27/07/2017) 	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2017-1261	Germany	Animal	Canine/dog	11 Month(s	07/12/2016	30/08/2017	1 1	1 13/12/	016 Not Known, <br×e ×BR×BR><bi Not Known</bi </br×e 		Not Known	This imported case was received via electronic import from various reporters (NCA, animal owner), neport of the animal owner December 2016: second vaccination with Noblave. SHPP and legistopirosis. After 6 days, the dog showed severe inoculation effects: a swollen eye with prolaps of the incitizating membrane, swollen lymph nodes, Feer, swelling at vaccination site that publied into front leg. so that the dog limped and party ran on only three paws. Further 2 weeks later again severe lymph node swellings, Feer, and anemics. A treatment marachin begin with visit to veterinarians.	Bichon Frise		Nobivac L4 - 1,N/A,N/A ,24,once (07/12/2016- 07/12/2016) Nobivac SHPPI - 1,N/A,N/A ,24,once (07/12/2016-07/12/2016) 	B - Possible O1 - Inconclusive	bezogen auf die Lokalreaktion bezogen auf die systemische Reaktion
											atentis, Abdonnial cznng Vonting, Swelling around eye, Bone and Jaint disorder NOS, Jamenes, Convision, Trenbil g, Bronchitis, Dyagnoez, Epistakis, Svil ing, Nasad ikshang-poent by euthansais, Pain NOS, Fever, Malformation NOS, Respiratory signs, Apathy, Swelling NOS, Ahoromal Test result, Bacterial skin infection NoS, Bilatering (see also Application site SOC), Skin infilammation NOS, Stomach czamg, Swollen eye, Swollen lymph node, Abnormal utrasound finding, Ahoromal radiograph finding, Ahoromal radiograph finding, General liteus, Enlarged lymph nodes (generalised), Tonsillitis, Injection site pain	n f	animal clinic and vateriorary institutes of higher education in Hanover. For months the dog got various artificiors and controls Again and again attempts were made to remove the artificiors and controls. Again and again attempts were made to remove the artificiors and sowly reduce the cortisone to none, without success. The syngtoms appeared again or more were added. The dog hand three anesthesis during that time, two of which were biopoles (including bone marrow biopoles). Linfortunately, no clear diagnosis could be made except for a superior automimum diadease. 15 to 21.7 Paleness of the nexal passages, cramping in the whole body, with soulden lymph nodes, fever, injection site owelling above the shoulder, and solell limping on three legs. Treatment with Metacam. 40 Jan 17: Smaller dops to not he abdomen, between the hind legs supption of foreign body, Treatment with black strain clintenet and Arrics, start of second dentition. 05 Jan 17: Fever, red soot has opened and healed well, lymph nodes slightly woelfler. Injection and tools plaul (Danita) of the lymph nodes, left and right head and neck lymph nodes are no longer distinguishable (pala pate presses on the air tubely, no more food intake. Complete blood analysis, no major abnormalities, except amenia; 2d skyls in the hospital Indisons and antibiotics (amoutally, Evan Aguin purture, highly inflammatory tissue, swelling goes back very slowly, further treatment with antibiotics and rimady. 15 Jan 17: Reinpatted amission, second welling in the work angion (brisker, 6d, firm), lample. Blood analysis, flusion, ultrasound further treatment with antibiotics and mindel, 15 Jan 17: Reinpatted amission, second by Jan 17: Pain patter amission is common to the veteriors one observation and blood analysis, under ambitotic to one proprehense, additional pain medication. 20 Jan 17: Biopsy under amesthesis, one bacterial indications, further treatment with Anockiwa. 23 jan until 25 Jan 17: presentation to the veterions virgence, Fever, dy mucous membrane: -re-infusion an					

	DE-DEPEIVP-2017-1348 DE-DEPEIVP-2017-1350	Germany	Animal	,,,,	4 Year(s) 13 Week(s)	11/09/2017	13/09/2017	1 1		1	R×BR>Yes	Allergic reaction, Vomiting, Facial oedema	No Data	binnen 30 min nach Inj. erst mehrfaches Erbrechen, dann Anschwellen des kompletten Gesichtsbereiches, Allergische reaktion, * Reason(s) for treatment: Jahresimpfung SHPPI + L4	Pug French Bulldog		Nobivac L4 - N/A,N/A,N/A,N/A,N/A (11/09/2017: I1/09/2017)-BR> Nobivac SHPPI - 1,1,1 Years,24,Jahresimpfung Nobivac shppi + nobivac L4 (11/09/2017-11/09/2017)-BR> Nobivac L4 - N/A,N/A,N/A,N/A,2.	B - Possible B - Possible	
NUBIVAL 14	DE-DEPENY-2017-1550	Germany	Animai	Canine/dog	13 Week(s)	11/09/2017	25/09/2017	1 1	0 11		res,curv-curv-curv-curv-curv-curv-curv-curv-	Wheal,Urticaria,Puritus,Swoilen ip (see also 'Skin')	No Data	ca. 2 Stunden nach der Impfung Quaddeiblütung der Haut sowie Schwellung der Lippen mit Juckreit. 2. Impfung" Reason(d) for treatherent. Sich Received from Brit Vas delectronic Importation: approx. 2 hour after vascination urticaria of the sikn and swelling of the lips with pruritus. [Reason for use for product: Generic Installation National Vascination (Brasson Vascination) Generic: DIPPI I.V Branch NOBINIAC SIPPI 10XIDI 5127 Reason. Vascination Generic: EURTO*4(BICT_ANGRIP_BRAT) [XB Branch NOBINIAC Lid 10XIDIS 540 Reason: Vascination] [State of health: Unknown]	rench Buildog	5.3	Nobwa L - N/N/N/N/N/N/N/N/L impfung, zusammen mit Nobwa SHPP (siehe Arzneitmittel II2) (11/09/2017- 11/09/2017-	B - POSSIBLE	
	DE-DEPEIVP-2017-1391		Animal		5 Month(s)			1 1		6/09/2017	Yes	Head tremor, Convulsion	No Data	Das Tier wurde tags zwor geimpft. Ca. 20 Stunden später plötzlich auftretender Kopftremor aus der Rüche heraus. Der Tiemoranfall bestandt zu. 20 sec. darund erfolgte eine zu gleichinge Pause und ein weiterer Anfall folgte dem 1. Weitere Anfalle + Pausen mit Verstärkung folgten. In der Tiernotklinik wurde Meioxicam s. z. veralbreicht. Seither weitere Anfalle aus der Rubephase heraus. Fürteraufnahmer Kobstastz/Allg belt, Päteraufung der Gehörgäne/Pupillarrefleiv/Rewegungsabaul/Korpertemperatur obß Der Hund stammt aus Spanien, weide mit Kobbiese grodinformisitier und hatte 1 Monat zu goor eine Entwarmunge.			Nobivac L4 - N/A,N/A,N/A,N/A,N/A (15/09/2017-15/09/2017) 	O - Unclassifiable/unassessa ble	
	DE-DEPEIVP-2017-1415	Germany	Animal	Canine/dog	Not Known	21/09/2017	28/09/2017	1 1	21	/09/2017	Not Known,
 >BR> Not Known</br 	Facial oedema	Not Known	30 Minuten post Applikation ödematöse Schwellung Kopf. Behandlung: Dexamethason s.c. Symptomenach ca. 45 Minuten komplett verschwunden. Geb.: 24.06.2017	e Chihuahua	1.94	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (21/09/2017- 21/09/2017) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (21/09/2017-21/09/2017) 	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2017-1493	Germany	Animal	Canine/dog	14 Week(s)	12/10/2017	13/10/2017	1 1	0 12	!/10/2017	Yes, BR>VBR R>VBR>VBR>Yes, VBR>VBR>VBR>VBR>VBR>VBR>VBR>VBR>VBR>VBR>	Pruritus,Facial oedema	No Data	zeitgleiche Impfung von Nobbusc StPPF und Nobbusc L4 und Nobbusc BDP, Beginn des Juckreisen nass (nach 30 min.). Junehmendes Blats, premetrisches Odern mit Ausbreitung von naus albs perioristat innerhalb von weiteren 60 min. Nobbusc 14 ud nn Nobbusc StPPF wurden an der Lende s.c. injälert, dor keine Ausschen von Entzühufung. Wegens statier Auspfänge der Symptome Gabe von Predistollor- Saspersion (1 mg/kg KGW) 1,5 Sunden nach der Impfung tet i m., nachtissendes Nasenpucken nach 1 Zunder, Ausschweilung des Ödernes innerhalb von 15 Stunden. ** Resion(s) für treatment: Impfungen 1 Prophylase	Mountain Dog t ur	16	Nobivac BbFi - 1,N/A,N/A,10,N/A (12/10/2017- 12/10/2017/BBR>-BBR>Nobivac L4 - 1,N/A,N/A, 10,N/A (12/10/2017- 12/10/2017/BBR>-BBR>Nobivac SHPPI - 1,N/A,N/A 1,0,Kombinationsimpfung (12/10/2017-12/10/2017)-BBR>-BBP	B - Possible	
	DE-DEPENY-2017-1576		Arimal		Not Known			1 1		, , ,	Known, GBBR -GBBBBR Not Known	Malaise Apathy, Bloody diarrhoea, Vorrelling	Known	Am 11.0.2017 wurde der Hund im Rahmen der Grundimmunisierung nach allg. kiln. Untersuchung un einem unsuffälligen Vorbericht, jehen überkenfull, klein Erberchen, unb Besitzer seit J. Woche im Besitz, von Züchter aus Pollen, ohne CIP Jass durch Halberin eingeführt, im politischen Pass dokumentiert am 120.0.2017 impliem, mit Bio can Pupp, 37.5124A, 26.0.1.2015, montalgabe am 600, 20.017 dort festgehalben) Mit Noblaus Sieher I-4.4 geimpft. Laut Besitzerin fing auf dem Nachhauseweg (ca. 30 Minuten nach injektion) Erberchen an Innerhalb der ankthent I-5 Stunden zeigel der Hund wiederinders Erberchen und schließlich blutigen Durchfall und Apathie. Der Hund wurde in der Unklinivorgstellt und odn auf gund der seduzierten Allgemierbeifndenen stalloria sugenommen mit Verada auf Parvoirose. Therapeutische Maßnahme: Infusion, parenterale Ernährung, MCP, Partoprazol, Dimetecan, Amor, Cifux, Buscopan Diagostik: Panvoirose (negetiv), Bozotivine, (negetiv), parasitolog, Koturtersuchung: Crenosoma vulpis und Gürden. Unter symptomatischer Therapeie besentes üch erh Hund innerhalb von a. 3.61. Nach Volleigen der Tegebnisse wurde eine entsprechende parasitologische Behandlung eingeleitet. (Ferbendasol Paste über 28 Tage) Attuell (E. 6.1.0.1) geht es dem Hund wieden gründ erhord verschließlich und volleich erhören der Stenen der S	ikit Z Wijes:	1.6	Nobbac Ld- N/AN/A,N/A,N/A,N/A (11/10/2017- 11/10/2017-BRRB-Nobbac SHPP- N/AN/AN/A,N/AN/A (11/10/2017-11/10/2017)-BRGBR-		
	DE-DEPEIVP-2017-1689	Germany	Animal	Canine/dog	12 Week(s)	24/11/2017	01/12/2017	2 1	24	1/11/2017		Eyelid oedema,Facial oedema,Lip oedema (see also 'Skin')	No Data	Augerlider oben und unten ödematisiert. zu Anflang Juckreiz, Lippen auch ödematös. Bis auf Wangen zum Abend (dh) alles abgeschwollen. Ohne Medikamentöse Therapie.	Not Applicable	2.6	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (24/11/2017- 24/11/2017):BR>-BR>Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (24/11/2017-24/11/2017):BR> 	B - Possible	
NOBIVAC L4	DE-DEPENYP-2017-1690	Germany	Animal	Canine/dog	10 Year(s)	13/11/2017	04/01/2018	1 1	0 13	, , , , , , , , , , , , , , , , , , ,	Not Known, KR> <fr> <b< td=""><td>Diarrhoea_Loss of condition_Tiredness</td><td>Not Known</td><td>Reason for treatment: Prophylaxis (succination) and wishown reason (Apoquel) This case was receive from the KAC and Box 2017 via electronic import: Dog had darrhoes General condition reduced, was sleeping a lot no treatment (Dog offen has gastrointestinal problems) MMH comment: Versiguard Rables (Bath Chundre D63122A01) and Apoquel were added so concentiant suspect products, since they were included in the case information. [Reason for use for product: Generic: DPIF UR Bradt: NOBINAC 14 DIOLIDS 528 Reasons: Prophylaxis Generic: EBTOP (4LICTAL, REASON) REAT) KB Bradt: NOBINAC 14 DIOLIDS 540 Reason: Prophylaxis Generic: Bradt: Versiguard Rables Reason: NOBINAC 14 DIOLIDS 540 Reason: Prophylaxis Generic: Bradt: Versiguard Rables Reason: Optional State of health: Victionney Hund hatte Durchfall Alig. Bed. vermindert, hat viel geschlafen keine Behandlung (Hund hat häufiger Magen-Darm-Probleme) * Reason(s) for treatment: Prophylaxe</td><td>cd Crossbred</td><td>13</td><td>habbac L4 [PE] - N/AN/AN/A N/AN/A [13/1/2017- 13/11/2017-BRBB-Nobbac SHP [PE] - N/AN/AN/A N/ALustistic Versiguard Rables 036123A01 bekommen 4Bb-tutler Apogue (13/11/2017- 33/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBBBBBBBBBBBBBBBBB</td><td>O1 - Inconclusive</td><td></td></b<></fr>	Diarrhoea_Loss of condition_Tiredness	Not Known	Reason for treatment: Prophylaxis (succination) and wishown reason (Apoquel) This case was receive from the KAC and Box 2017 via electronic import: Dog had darrhoes General condition reduced, was sleeping a lot no treatment (Dog offen has gastrointestinal problems) MMH comment: Versiguard Rables (Bath Chundre D63122A01) and Apoquel were added so concentiant suspect products, since they were included in the case information. [Reason for use for product: Generic: DPIF UR Bradt: NOBINAC 14 DIOLIDS 528 Reasons: Prophylaxis Generic: EBTOP (4LICTAL, REASON) REAT) KB Bradt: NOBINAC 14 DIOLIDS 540 Reason: Prophylaxis Generic: Bradt: Versiguard Rables Reason: NOBINAC 14 DIOLIDS 540 Reason: Prophylaxis Generic: Bradt: Versiguard Rables Reason: Optional State of health: Victionney Hund hatte Durchfall Alig. Bed. vermindert, hat viel geschlafen keine Behandlung (Hund hat häufiger Magen-Darm-Probleme) * Reason(s) for treatment: Prophylaxe	cd Crossbred	13	habbac L4 [PE] - N/AN/AN/A N/AN/A [13/1/2017- 13/11/2017-BRBB-Nobbac SHP [PE] - N/AN/AN/A N/ALustistic Versiguard Rables 036123A01 bekommen 4Bb-tutler Apogue (13/11/2017- 33/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBB-Versiguard 13/11/2017-BBBBBBBBBBBBBBBBBBB	O1 - Inconclusive	

NOBINAC / 4	DE-DEPEIVP-2017-1714	Germany	Animal	Canine/dog	1 Year(s)	03/10/2017	13/12/2017	- 1	102/	10/2017 Yes		Inappetence.Reluctant to	No Data	This case was received from the NCA on 13 Dec 2017 via electronic import: Approx 1-2 hours after the	Not Applicable	10	Nobiyac L4 - 1.N/A.N/A .10.N/A	A - Probable	
			ywalmdi	,				1				move.Apathy.Stiffness NOS.Shivering	NO DATA	application the dog showed a high-grade apathy, trembling / the shivers and could hardly walk, stood upver yelff. Additionally, he showed high-gade inappetence. On the nest day all was incompictious. Previous and following vaccinations were tolerated without problems. Nobbac Let vaccine was applie without any further vaccines MAH comment: VeeDRA Code "stiffness" was added. Reason for use for product: Generic: LEPTO" 4(IFT,CAN,GRIPP,BRAT) KB Brand: NOBINAC L4 50XDD 5540 Reason: Prophylasis State of health: Unknown Der Hund zeigle and Ea. 1-2 Stunden native der Appliatation in high Apathle, Zittern/"Schitterfrost" and known facility and policy and soft stell auf. Des Wettern edget er eine high interpotenz. Am and hard hard was also shall be appliated in president en some problems and the problems and the problems of the problems of the langfurgers wurden other Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers wurden ohne Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Problems extragen. Der holdvac L4 impliatorif wurde ohne wettere impfurgers "Reasons" in Reasons	d :		(03/10/2017-03/10/2017)-6R>- 		
NOBIVAC L4	DE-DEPEIVP-2017-1749	Germany	Animal	Canine/dog	3 Year(s)	14/12/2017	18/12/2017	1 1	0 14/	> <b Yes R><</b 	it own, <br BR> S, S, Not own</br 	Urticaria,Swelling NOS	Not Known	Der Hund wurde zwei Stunden nach der Impfung erneut in der Praxis vorgestellt. Im gesamten Konfbrerech, am His, in Achsein und Ingunübereich zeigte der Hund nochgangle Untlans. An den nijektionsstellen selbst war keine Reaktion zu erkennen. Der Hund bekann Q. ml Prednisolon (10 mg/ml), die Urtlans wurden gekölth. Nach und 30 Minituden haten die Schwellungen deutlich abgenommen, waren aber noch vorhanden. Der Hund wurde unter Aufsicht nach Hause gegeben und um Wiederonstellung gebeten falls der Uttraaf noch einmat schlechter werden sollten. **Reasonifs for treatment: Jährliche Impfung, bis dato aber Impfstoffe von Merial, Virhac und bioveta (Ungarn) erhalten. Erste Impfung mit Nobivac.	Chihuahua		Nobina L 4 - N/AN/A/N/A N/A/N/A (4/12/2017) - 8R9-CBR-Nobinac SHPPI - N/A,1,1 Years/N/A,5. SHPPI - N/A,1,1 Years/N/A,5. SHPPI - N/A,1,1 Years/N/A,5. SHPPI - Trechtes Abdomen und SHPPI - Trechtes Abdomen und NAPA-NA N/A, N/A,0,0/A (14/12/2017- 14/12/2017)-8R9-CBRD-SHPI - NOBINAC T - N/AN/A/N/A, N/A/N/A (14/12/2017- 14/12/2017)-8R9-CBRD-SHPI - NOBINAC T - N/AN/A/N/A,0/A (14/12/2017- 14/12/2017)-8R9-CBRD-SHPI - NOBINAC T - N/AN/A/N/A (14/12/2017-	B - Possible	
	DE-DEPEIVP-2017-1758	Germany	Animal			06/12/2017		1 1		×8 Not	own, <br×br BR×BR> it Known</br×br 	Facial oedema	Not Known	3/4 h nach Impfung bemerkte die Beitzerin eine zurehmende Schweilung des Kopfes (Lefzen, Augen) - Tempo, 38,7 11/4 hach impfung Behandung inder Praxis mt. 1). ml Fenistilinj. und 1,0 ml Prednisoloonacetet Ca. 6h danach fast wieder normaler Kopf.	Small Munsterlander		Nobivac L4 - N/A,N/A,N/A,N/A,N/A (06/12/2017- 06/12/2017) Nobivac SHPPI - N/A,N/A,N/A,N/A,N/A (06/12/2017-06/12/2017) 		
NOBIVAC L4	DE-DEPEIVP-2017-1799	Germany	Animal	Canine/dog	12 Year(s)	06/12/2017	21/12/2017	1 1	0 06/		s, <b <ps< td=""><td>Vomiting,Angloedema,Urticaria</td><td>No Data</td><td>nach der Impfung wieder erbrochen diesmal ist sie nicht zusammengebrochen wei später kam wieder ein Angödem und Urtikaria keine Behandlung (hatte L4 schon mehrfach bekommen - keine reaktioner SHP schon einmal - keine Reaktion) * Reason(s) for treatment: Impfung</td><td>Pug ,</td><td></td><td>Nobivac L4 - N/A,N/A,N/A,N/A,N/A (06/12/2017- 06/12/2017) Nobivac SP - 1,1,1,N/A,N/A (06/12/2017- 06/12/2017\sR><rp></rp></td><td>B - Possible</td><td></td></ps<></b 	Vomiting,Angloedema,Urticaria	No Data	nach der Impfung wieder erbrochen diesmal ist sie nicht zusammengebrochen wei später kam wieder ein Angödem und Urtikaria keine Behandlung (hatte L4 schon mehrfach bekommen - keine reaktioner SHP schon einmal - keine Reaktion) * Reason(s) for treatment: Impfung	Pug ,		Nobivac L4 - N/A,N/A,N/A,N/A,N/A (06/12/2017- 06/12/2017) Nobivac SP - 1,1,1,N/A,N/A (06/12/2017- 06/12/2017\sR> <rp></rp>	B - Possible	
NOBIVAC L4	DE-DEPEIVP-2018-0073	Germany	Animal	Canine/dog	6 Year(s)	22/01/2018	25/01/2018	1 1	22/	R><	s, Yes, RP> >BR> >BR>Yes</b 	Facial swelling (see also 'Skin'),Reddening of the skin,Pruritus,Eyelid oedema,Facial oedema	No Data	Schweilungen und Rötungen der Augenilder, Juckreit, diffuse Schweilungen im Gesicht, Impfstelle ohne Reaktion Therapie: Niedrate Tümfgle Iv. Hitaderen 1 mg/leg p.o. für 2 * Tage* * Reason(s) for treatment Phophylase SAR. Cake was received by McA (PEI): Sweilings and reddening of the eyel lost, Izching diffuse facial sweiling no reaction on injection site. Therapy with Mediate 10mg/leg iv. Histoderm Img/leg p.o. für 2 days. MAH comment: Veder-Gorde "reddering of the skin 3 dadde. (Reason for suc for product: Generic: DHPPI IV. Brand: NOBIVAC ESPHS SOXIDS 502 Reason: Prophylasis Generic: EBTO*4 (ICT.CANGRIP) BART) ISB BRANT NOBIVAC ESPHS SOXIDS 503 Reason: Prophylasis Generic: RABIES IN ALU AULIVANT KV Brand: NOBIVAC T SOXIDS 620 Reason: Prophylasis [State of health: Unknown!]	: Maltese		Notivac La - 1,N/N,N/A,24,1 Dose 1 Animal (22/01/2018- 22/01/2018)-BR->BR-Nobivac SHPP - 1,N/N,N/A,24,N/A (22/01/2018-BR->BR-Nobivac T - 1,N/A,N/A,24,N/A (22/01/2018- 22/01/2018)-BR>-SBR>	B - Possible	
	DE-DEPEIVP-2018-0077	Germany	Animal	Canine/dog	6	5 15/12/2017		2 2		R>< <br BR></br 	s, <b Yes, R> < > Yes</b 	Conjunctivitis		Bestizerin berichtete bei dem Wiederholungstereinin für die Impfauffrischung von ihren beiden Hunden, die beidec a. 7 Jane anneh der firmfung eine bedseitige erligt Bindehauterstündung entwickelten. Die Veränderungen heilten ohne Therapie wieder aus. Beide Hunde sind Atopiker.	Retriever		Nobiwac 14 - N/A,N/A,N/A,N/A,N/A (15/12/2017- 15/12/2017)-BR> Nobiwac SHPPI- N/A,N/A,N/A,N/A,N/A (15/12/2017- 15/12/2017-BR> Nobiwac T- N/A,N/A,N/A,N/A,N/A (15/12/2017- 15/12/2017)-BR> 		
	OE-DEPENP-2018-0137	Germany	Animal		13 Week(s)		12/02/2018	1 1		 	g,cBR>cBR>cBR>c cBR>cBR>cBP R>-GBR>cBR R>-GBR>cBR> R>-GBR>CBR>	Reluctant to move-Neurological symptoms NOS-Muscle weakness NOS-Abnormal test result.Meningits, Inable to stand,Inappetence, Weakness, Galt abnormality, Feet Vaginal discharge, Bronchial rale Apathy	No Data	SAR received from NCA via electronic importation: 2 days after immunisation, firstly recurrent fever, it the following time worneing of general condition, neurological symptoms, on 2nd rebrusary 2018 unable to stand and walk, significant muscle weakness despite mostly undisturbed motor skills, no faiture of crainal neuroex, peripheral refleces present. MRT (purpor purcture: suspected meningitis encephalitis versus congenital hypomyelinisation, liquor (fluida) alight, screening for auto-immune boods: negative. Results of MRT-screening on ort allow a clear differentiation between a (possible in municular districts) and interest of meningitis and a congenital hypomyelinisation. The acute occurrence processing for a polyridad conventils, at the logical clear polyridad interesting and acute of the control of the processing for a polyridad conventils, at the logical clear polyridad conventils, and the logical clear polyridad conventils, and the logical conventils are polyridad conventils and according to the logical conventils and the logical condition. The eurological status still showed muscular weakness in combination with good pentaneous movements with a slight tendency to improvement. She was shortly able to stand with support, crawling movements were possible on 15 his of rebrusary the ability to stand was good, however still with unsecure galifywaying minor attactic galt. The owners report daily improvements of symptoms under therapy. Current beneath of the logical consistency of the logical control of t) Weimaraner		Nobwa L4 - 1,N/N/N/A 2,41 Dose Not applicable 1,Animal (29/01/2018-29/01/2018-19/01/2018-29/01/2018)-89/01/2018-98/01/2018-98/01/201		
NOBIVAC L4	DE-DEPENYP-2018-0163	Germany	Animal	Canine/dog	3 Month(s)	21/12/2017	27/02/2018	1 1	22/	> <b< td=""><td>it own, <br BR> ot Known</br </td><td>Head tremor</td><td></td><td>Nach der Zinn Impfang mit 12 Wichen Neobachten der Terbeteitzer einen periodichen Kopffremot. Täglich basi les ans Tage, in Ruhe, der derrich Alleibung zu unterterchen ist. Die Kattgliecht des Auftretens geht mit Abstand us Impfang stehts zurück und ist 6 Wochen nach der Impfung un etwa in 1.2 wöchentliche Abstand aufgerteren. Seine weteren einer voorlogischen Auffälligkeiten. Der Hind wer vor der Impfung 3 Wochen im Beitzt der Tierhalter. Seillungshahme MAH: case received form KCA PEI SAR: Ado, 12 weste soll, was vercinated with Nobbras. Selly and Nobbras Let on 121 2017. Affect hat vaccination the pet owners observed a periodic head tremor, which occurred with a frequency interbeween "alsy" mit "every fee darys," when the dog is a trest, this temor can be interrupted by distraction. The frequency of occurrence is decreasing since the vaccination and occurred only about once or twice per week 5 weeks after vaccination (praigne) when reported in Natr 2018. No further neurological abnormalities. Case closed. NOTE: significant changes (perious case) [Reason for use for product: Generic Impf Li Pariand; NOMING SEIPPI DIXOSI 227. Reason: Vaccination (SEIPC CAM, GRIPP, BRAT) KB. Brand: NOBIVAC L4 10XLID 540. Reason: Vaccination) [State of health: Individual").</td><td>Labrador Retriever</td><td></td><td>Nebisu L. L. N/AN/A.N/A.N/A.N/A.N/A.N/A.U/A.U/A.N/A.U/A.U/A.N/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U</td><td>O1 - Inconclusive</td><td></td></b<>	it own, <br BR> ot Known</br 	Head tremor		Nach der Zinn Impfang mit 12 Wichen Neobachten der Terbeteitzer einen periodichen Kopffremot. Täglich basi les ans Tage, in Ruhe, der derrich Alleibung zu unterterchen ist. Die Kattgliecht des Auftretens geht mit Abstand us Impfang stehts zurück und ist 6 Wochen nach der Impfung un etwa in 1.2 wöchentliche Abstand aufgerteren. Seine weteren einer voorlogischen Auffälligkeiten. Der Hind wer vor der Impfung 3 Wochen im Beitzt der Tierhalter. Seillungshahme MAH: case received form KCA PEI SAR: Ado, 12 weste soll, was vercinated with Nobbras. Selly and Nobbras Let on 121 2017. Affect hat vaccination the pet owners observed a periodic head tremor, which occurred with a frequency interbeween "alsy" mit "every fee darys," when the dog is a trest, this temor can be interrupted by distraction. The frequency of occurrence is decreasing since the vaccination and occurred only about once or twice per week 5 weeks after vaccination (praigne) when reported in Natr 2018. No further neurological abnormalities. Case closed. NOTE: significant changes (perious case) [Reason for use for product: Generic Impf Li Pariand; NOMING SEIPPI DIXOSI 227. Reason: Vaccination (SEIPC CAM, GRIPP, BRAT) KB. Brand: NOBIVAC L4 10XLID 540. Reason: Vaccination) [State of health: Individual").	Labrador Retriever		Nebisu L. L. N/AN/A.N/A.N/A.N/A.N/A.N/A.U/A.U/A.N/A.U/A.U/A.N/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U/A.U	O1 - Inconclusive	

NOBIVAC L4 DE-FRMERIAL-13DE000433	Germany Animal		veek(s) 05/11/201		1 1	05/11/2	Known, BR> BR> Not Known, BR> 	urination.Unable to stand.Loss of consciousness, Reduced responses, Anaphylactoid responses, Anaphylactoid responses, Unable to rise, Circulatory disorder NOS	Not Known	A 12 weeks old female, 15 kg old English Mastiff was vaccinated with PUREVAX RABIES (accidentally) into night flash and solvboxe SIPPH and it in line left flash on 051; 1203. About no how lare the hepped displayed an anaphylactopid neaction with inappropriate urination and defecation, loss of conciousness and recumbency. The owner treated her with This avery 30 minutes and symptoms resolved after about 12 hours. The puppy was still very skeepy the next two days and then completely received. If 12,000 flows 15 minutes are solved after about 12 hours. The puppy was still very skeepy the next two days and then completely received. If 12,000 flows 15 minutes are solved with Noblava SHPP and Nobbasc 14 at the left side and concurrently with purevax Rabes at the right side (madvertently). Approx. 1 hour after vaccination the old givened severe circulatory problems will obso of the ability to walk or stanf. Furthermore the dog was defecating and urinating uncontrolled. Received homosphilic treatment (Thail) and the purposine of exclused society. No further teatment was needed. For 2 more days the dog was a title bit more titled than before. No local reactions were visible. No more information expected. [Resourcing foreign for the order of the public of the public of the public No. 10 minutes of the public of the publi	Mastiff y	15	Nobisuc L4 - N/A/N/AN/A/N/A/N/A (05/11/2013- 05/11/2013)-ERBB-Nobisuc SHPPI - N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A	B - Possible	
NOBIVAC LA DE-FRMERIAL-140E000391	Germany Animal	Canine/dog 12 Yo			1 1		D14 Not Room, GR-48B - SBR - S	ss.Profuse bleeding.Tarry or black stool (see also hemorrhagic diarrhoea).Reduced responses.Lateral recumbency.Almormal test result.Pancrealitis, Blood in urine,Ecchymosis.Petechiae NOS		SAR. A day was vaccinated on 13 Aug 2014: Nobbus c 14, another vaccine against Societies (surface) Model). To 26 Aug 2014 the animal was presented to vet with trombocytopenia (value-01), bleeding everywhere (Le. alveolus/noth socket), petechiae. Laboratory test: Ethrichia and Anapisamois neglete. On 29 Aug 2013 animal was hospatiated in clinic. Improvement of signs, follow-up outstanding. FU 22 Sep 2014: The clinic vet confirmed that the dog had been presented on 29 Aug with the following symptom: lateral recumbency, below responsive, multiple ecchymosis and petic hize, black stools, bloody urine. The owners that reported that the dog had been presented on 29 Aug with the following symptom: lateral recumbency, below responsive, multiple ecchymosis and petic hize, black stools, bloody urine. The owners that reported that the dog was operated the day and petic hize, black stools, bloody urine. The owners that reported that the dog was operated the day and petic hize, black stools, bloody urine. The owners that reported that the dog was operated the day and petic hize, black stools, bloody urine. The owners that reported that the dog was operated the day and petic hize, black stools, bloody urine. The owners that reported that the dog was operated with an anapism of the complex	English Cocke Spaniel	r 12.6	Merliym 3 - 1.N/N/N/A 241 dosage from (13/08/2014 N/A)-BRF-GRF-Notivac L4-N/A-BRF-GRF-Notivac L4-N/A-N/A-N/A-N/A-N/A-N/A-N/A-1/3-M/A-1(3/08/2014-N/A-)-BRF-GRF-Notivac StePri-1.N/A-N/A-A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/	O - Conclusasifia ble/umassessa ble	
NOBIVAC LA DE-NLINTVINT-2013-DE-00850	Germany Animal	Canine/dog 3 Vei	ar(s) 16/08/201	3 16/09/2013	1 1	0 18/08/2	013 Yes	Non-regenerative anaemia Diarrhoea Vomiting Inapp etence, Apathy, Injection site swelling. Anaemia NOS	No Data	A dag was vaccinated with Nobivac L4 on 16 Aug 2013. 2 days later the owner noticed a local swelling at the injection site, which had disappeared fair 2 days. 5 days after vaccination, the dog showed reduced feed intake and was apathic. On 22 Aug 2013, the dog showed disinface and vorniting (once). The dog came to the practice on 25 Aug 2013 with a hearmostrot value of 13, its., anaemis. The dog was treated with amoscillin. The general condition improved thereafter, however on 26 Aug 2013 the haematocritiv was 12.1 Therefore the dog is additionally retrieved with dovycycline. Auto-agalutination test was performed in the practice and was negative. The dog has no loterus. The owners refuse a blood-transfusion Antending vet's causality assessment: unclassifable. Note: the dog had been vaccinated every year with 12 without showing any adverse reactions. Starf, Duration of symptomic call 3 Aug 2014 CTLAN (ASRIPP BRAT) of 8 Areas (NOBIVAC L4 DIXXIDS 540 Reason: Vaccination/Prophylusis) (State of health Coop (1) L4 Sept 2013 The dog was treated in the university locit and or received blood transfusions due to an non-regenerative ansemia. No more information available.	Yorkshire Terrier	2.8	Nobiwa: (4 - 1.N/N/N /24,1 Dose Once (£16/@3/103) 16/08/2013⟩∈BR≻∈BR>	A - Probable	
NOBIVAC L4 DE-NUNTVINT-2013-DE-00957	Germany Human	Human 43 Yi	ear(s) 19/09/201	3 20/09/2013	1 1	0 19/09/2	Not Known	Injection site bleeding,Injection site pain, Hyperaesthesia	Not Known	Internal regiouse: Initial information on 20 Sep 2013. A vert wanted to vaccinite a dig or 10 Sep 2013 with bolive. It. The day of comply straggled against that. After the vaccination, the vert oncide that her finger was bleeding. On the next day, the finger looked normally, however the first two finger-joints were pressure-senditive. So dar, no treatment has been applied vert and the woman hashing one to a physician yet. Start. / Duration of symptoms: 19 Sep 2013 / orgoing. The case was also reported to us by the polion information center as follows confirmed duplicates. A layman called the position information center on 20 Sep 2013 at 08:30 a.m. because an adult woman had pricked herself with a syvinger of hobback Liv into the finger (1 pick; / sin; assured intable); 140 Sep 2013 at 08:30 a.m. because an adult woman had pricked herself with a syvinger of hobback Liv into the finger (1 pick; / sin; assured intable); 140 Sep 2013 at 08:30 a.m. because an adult woman had pricked herself with a syvinger of hobback Liv into the finger (1 pick; / sin; assured intable); 40 Sep 2013 at 08:30 a.m. because an adult woman had pricked herself with a syvinger of hobback Liv into the finger (1 pick; / sin; assured intable); 40 Sep 2013 at 08:30 a.m. because an adult woman had pricked herself with a syvinger of hobback Liv into the finger (1 pick; / sin; assured layme); 40 Sep 2013 at 08:30 are sin; 40 Sep 2013. Becommended procedure: annihilation y tearinent. The outcome is unknown. Follow-up from 25 Sep 2013. The vet took an oral antibiotic. On the second day, the finger was obay again, since then there are no problems anymore (recovered on 22 Sep 2013). No more information exenter was added to the data received directly from the vet and coded in the case as eccorrights. (Reason for use for product. Centeric. LETTU 4(CIT, CAN, CARIP) BARTJ (18 Brand. NOBYNAC L4 50X1D5 540 Resson Accidental Exposure)		Not Known	Nobivac L4 	No assessment performed	
NOBIVAC L4 DE-NLINTVINT-2013-DE-01035	Germany Animal	Canine/dog 2.5 - Year		3 10/10/2013	2 2	0 05/09/2		Sneezing Mucus in trachea, Cough, Breathing difficulty	No Data	Sepected adverse reactions. A dag was succinated with Noblect BBF and Noblect L4 on \$5.69.2013. The day after vaccination the 2.5 year old dag planed serving and slimp against, at the dag had more this lessely quite often before, it is wasn't paid much attention to premier. At the dag had more this lessely quite often before, it is wasn't paid much attention to premier. And the dag had more than the serving the serving the serving the serving the premier of the serving the consequence of the serving the serving the serving the serving the serving the serving the serving difficulty. In the inglit from \$11 to 1.5 to 20.31, the younger dog storrage (coughest therefore both dags were presented in the claic on 1.5 sep 2013. Available than despections was spected and an onal mitblick was handed out for administration for \$5 days. Whitn these \$5 days, the dags recovered around 20.59 2013. Additional info sobit dags had never received these vaccines before. The young days was occinated correctly by the vert with both vaccines; the look of age says on the serving the serving the serving the serving the serving the serving the serving the serving the serving the serving the serving the vaccinated day the vert and owner as concomitant vaccine without releasing for the event. No more information expected, (Reason for use for product: Generic Bes AUNIE / Pil (ELV) Rand N. DBMX L8 BBH SXIDS-SXIDS DIL 122 Reason. Vaccination/Prophylasis (young dog) / secondary exposure (olde dog Generic LETPO'CTC/TA/GRIPP,BRT) ISB Brand: NOBIVAC L4 10x1DS \$40 Reason: Unknown. State of health: Good)	Continental Toy Spaniel - Papillon (with erect ears)	2.5	Nobusc BBP. M/AN/AN/A A/AL14dose/pung dog)- Amathe (IS/109/2013- 00/09/2013-8-05-8-bh-bobvac L4- 1.N/AN/A.24,1 Dose Once (05/09/2013-05/09/2013)-BR>-BR>		

NOBIVAC L4	DE-NLINTVINT-2013-DE-01107	Germany	Animal	Canine/dog	5 Year(s)	28/10/2013	30/10/2013	1 1	0 29,		io, BR> >No</b 	Vomiting Ataxia, Weakness, General illness	Other	Suspected adverse reaction: On 28 Oct 2013, a flog was vaccinated with Noblauc L4 and Noblauc SHPPI at the same time (uniceral f as mised syringe or at different injection sites). On 201 C210, 18, the dog was presented to the vet, because it showed a very poor general condition. The dog womted, was floppy and could hardly stand on its legs. The temperature was normal. X-ray pitcher and further of showed a very post period on abnormalities, therefore gastritis was suspected. Symptomatic therapy was started and the dog showed immediate improvement. Surf. / Journation of symptoms: 24 hours after vaccination / ongoing. Follow-up information is expected. Follow-up from Nov 2013. The dog was treated symptomatically with antiblotics and gaster, protection. Approximately on X nov 2013), it had completely recovered again. The vet suspects a gastro-intestinal-infection (vet 5 causality assessment for both succines: unitally). No more information expected. Reason for use for product. Generic: LEPTO* QICT.CAN.CANIPP.BASTI 188 brank 1008104. La 1001105 540 Reason for use for product. Generic: LEPTO* QICT.CAN.CANIPP.BASTI 188 brank 1008104. La 1001105 540 Reason for use for product. Generic: LEPTO* QICT.CAN.CANIPP.BASTI 188 brank 1008104. La 1001105 540 Reason for use for product. Generic:	Irish Terrier	Not Known	Noblact 1- 1.N/A/N/A 24.1 Dose Once (28/1/10/2013-8) 28/11/20131-cRR-cRR-Noblact SHPH-1.N/A/N/A 24.1 Dose Once (28/10/2013-28/10/2013)-cRR-cRR-	B - Possible	
NOBIVAC L4	06-NLINTVINT-2013-08-01110	Germany	Animal	Canine/dog	8 Week(s)	10/10/2013	31/10/2013	10 10	0 13,		Io, ≺B I>≺BR>KBR>NO	Diarrinosa, Yomiting, Weakness, Bloo d in faeces	Other	Suppercial adverse reactions on 10 Oct 2013, 10 pupples were vaccinated with Nobinac SIPPP and Nobinac Last Has mere file is underlying or at difference application sites.] 3 days after the vaccination, 2 animals showed diarrhoea, vomitting and floopiness. After 2 further days, 2 further animals showed diarrhoea, vomitting and floopiness. After 2 further days, 2 further animals showed the same symptomotology. This continued in the way that all pupples some showed diarrhoea and vomitting and were flooppy, One animal was especially severely concerned and had blood in the faees. The faeces somaination of 2 animals at the vet revealed a very strong cocidiosis. The owner refused a blood examination of the faeces or other tests. The vet suspects an introduction of the cocidiae through the mother animals, because the mother animals cannel store lived by the control of the strong of the control of the faeces or other tests. The vet suspects an introduction of the mother animals because the mother animal cannel into the Neetock only for this little and the hygienic conditions of the initial origin are unknown. Deep pupy still approximately on 3 Lot 2013. Start/Duration of symptoms: 3 days after vaccination / approximately 2 weeks. No more efformation expected. [Reason for use for product: Generic LOMPL 10 LONG 10	Labrador Retriever	Not Known	Nobwa (14 - 1.N/A/N/A 24,1 Dose Once (10/10/2013)-8R-Nobwa 589F-1.3/N/A/N,24,1 Dose Once 10/10/2013-16/10/2013-8R->8R- 10/10/2013-10/10/2013-8R->8R-	N - Unlikely	
	DE-NLINTVINT-2013-DE-01158	Germany	Animal	Canine/dog		01/01/2013	02/12/2013	5 5		N Kr N	nown, iot nown, BR iot Known	Facial swelling (see also 'Skin' J.Allergic reaction	Not Known	Selt 3. dogs had been vaccinated with Nobisec LA, Approximately 1.2 his post vaccination the dogs showed allengir exection, described as intick head and this numule? No further information about seriousness available at the moment. Follow up will be forwarded as soon as possible. Follow up from 25 Nov 2013: Dog beeds 1.5 salck Russel Terrier; 1.8 Labracky, 3 milead breeds. Of unfure patient details available. All dogs recovered one day post SAR. All dogs treated in calendar weeks 44-46. Additional to the above mentioned hobback L5 the dogs received concomitant or concurrent (unclear) Nobisec SIP and Nobisec SIP and Nobisec 1.5 me dogs received hobback L1 the first time. The reaction was treated with Predinsion on the same day. Unknown if dogs will be revaccinated with Nobisec SIP a Nobisec SIP and SIP a	Not Applicabl	e Not Known	Nobivac L4 - N/A,N/A,N/A N/A,Unknown Unknown (01/01/2/013) 01/01/2/013)-BRP-SBP-Nobivac SHP- N/A,N/A,N/A,N/A,N/A (01/01/2013- 01/01/2013)-BRP-SBP-Nobivac T - N/A,N/A,N/A,N/A,N/A (01/01/2013- N/A)-BR>-SBP-	B - Possible	
	DE-NLINTVINT-2013-DE-01192	Germany	Animal	Canine/dog	3 Month(s)	21/11/2013	22/11/2013	1 1	0 21,	R:	io, 	Diarrhoea, Vomiting	Other	SAR: On 21 Nov 2013 one puppy was vaccinated simultaneously with Nobbucs 1HP and Nobbucs L1 and concurrently with Nobbuc 21 tal the their side of the abloem. At home the long Showed acute vomiting and watery distribuse. The dog was not represented to the vet and the reaction improved spontaneously without testiment. As the animal owner did not contact the vet no 25 Nov as previously arranged, the vet assumed that the dog completely recovered. The dog was vaccinated with Nobbucs SHPP and Nobbucs L16 our weeks before without any reactions. No more information expected. [Reason for use for product: Generic: DHPPI LV Branch NOBIVAC SHPP SOXIDS 630 Reason: Vaccination Generic: ETPO 41CT.CAM, SRPP REATI RS Branch NOBIVAC L1 01XIDS 540 Reason: Vaccination Generic: RABIES IN ALU ADULYANT KV Brand: NOBIVAC T 50XIDS 620 Reason: Vaccination 15 state of health: Good of health Coold	Labrador Retriever	10	Once 1 Animal (21/11/2013- 21/11/2013/eBR-sBR-Nobivac SHPP - I.N/AN/A, 24,1 Dose Once 1 Animal (21/11/2013- 21/11/2013/eBR-sBR-Nobivac T - 1.N/AN/A, 24,1 Dose Once 1 Animal (21/11/2013-21/11/2013) eBR>-SBR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2013-DE-01203	Germany	Animal	Canine/dog	2 Year(s)	25/11/2013	26/11/2013	1 1	0 25,		io, BR>BR>No	Restlessness, Pustules, Pruritus, Face and neck swelling (see also 'Skin')	Other	SAR: On 25 Nov 2013 a Chibuhusha was vaccinated simultaneously with Nobinet SHPRI and Nobinet. LA Two hours after vaccination the oga was brought to a clinic because of a swollent face and neck and publishes on the entire body. According to the owner the dog also showed resilessness and massive purifical at home, but in the clinic this was not observed. No respiratory restrictions were seen. The dog was treated with antihistaminic I.v., inflacions and prediscioner (Imp@IQL After 1.5 hours the dog was sent home. The near day the family vehicrains called the owner and was informed that the dog recovered. No more information expected. [Reason for use for product: Genetic: DHPPI UV Brand: NOBINAC 1490HD 540P Reason: Vaccination [State of health: Innhourn]	Chihuahua	3.2	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/11/2013- 25/11/2013)-GRRMBR-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/11/2013- 25/11/2013)-GRR->-GRP-	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2013-DE-01244	Germany	Animal	Canine/dog	3 Month(s)	23/09/2013	09/12/2013	1 1	0 23,		io, BR>BR>No	Facial oedema	Other	Sappercal adverse reactions: A dag was succinated on 23 Sep 2013 with Noblauc List and Noblauc SIPPI as mixed-syring electra-belu use). popularizedly 2-4 hours after the succination, it showed a stong facial oederna without respiratory pregions. Treatment with low-dosed cortison and artibilistamics was performed. The owned didn't contact the vet anymore, herefore probably suck improvement occurred. On 9 Oct 2013, the dag was succinated with Noblauc SIPPI and Noblauc T and in the end of Coclober with Noblauc Li. At both vaccinations, the dog showed no neactions at all. No further information expected. [Reason for use for product: Generic: LEPTO*4(ICT_AM_GRIPP_BRAT) kits Branch NOBINAC LI4T 300005 500 Reason. Vaccination/Prophysius Generic: DHPPI LV Brand: NOBINAC SIPPI 201005 212 Reason for thoroways [State of Health Good]	Chihuahua	2.5	Nobivac L4 - 1,N/A,N/A,24,1 Dose Once (23/09/2013- 23/09/2013-8RR-SBR-Nobivac SHPPI - 1,N/A,N/A,24,1 Dose Once (23/09/2013-23/09/2013)	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2013-DE-01262	Germany	Animal	Canine/dog	6 Year(s)	09/12/2013	10/12/2013	1 1	0 09,		io, No</b 	Apathy,Stiff gait	Other	SAR: A border terrier was vaccinated in the morning with Nobivac L4 and Nobivac Pi on 9 Dec 2013 learts label use, concurrent use). In the evening the dog was apathic and showed stiff gail. Treatment with low dose Neaderson, dog soon showed improvement. Dog nearly recovered (not 100 % but much more active) on 10 Dec. On 11 Dec the dog was fine again. No more information expected. [Reason for use for product. Generic LEPTO-40[CT_AUR_REPRANT] AB Brandt NOBIVAC LET 10015 540 Reason Vacciantion Generic CANINE PARAMIFUENZAL V Brand: NOBIVAC PI 1001DS 620 Reason Vacciantion (State of health Good)	Border Terrie	r 12.95	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (09/12/2013- 09/12/2013)-BR<-BR>-Nobivac Pi - 1,N/A,N/A, 24,1 Dose Once (09/12/2013-09/12/2013)<-BR>-BR>	B - Possible	
	DE-NLINTVINT-2013-DE-01291	Germany	Animal	Canine/dog	9 Week(s)	27/11/2013	18/12/2013	8 1	0 07,	/11/2013 N R:	io, io, io, br> br> br> br> br> br> br> control in the control in the contro	Thrombocytopenia,Epistaxis,Alsnor mal test result,Fatigue,General illness	Other	SAR: Eight pupples were vascristed on 27 Not 3 concurrently with Nobbucs SHPPI and Nobbucs L4. 10 days after vascrisation one puppy was severely III it showes severel failigue and severe eigstains. The dog was brought into a clinic and showed a thromboytes value of 7000 (reference range 150 000-500 000-500 000). The coagulation was not disturbed. The herastocrit was slightly decreased, but the vet assumed lower herastocrit because it was a puppy. Lung worm and facese examination was negative. Anaplasmosis title robused borderine results. Antithromboychic antibodies were detected. The dog was treated with antibiotics (Doxycycline) and gastric protection (II-2 blocker). No cortisione was deministedered as the og leaded strateful or registerated by tall. The dog was in the falsic stationary for 5 skys and was sent home in a good general health condition and a thromboyche value of World Condition and a stromboyche value of World Condition and Condition and a thromboyche value of World Condition and Condition and a thromboyche value of World Condition and Condition and a thromboyche value of World Condition and Condition and a thromboyche value of World Condition and Condition a	Golden Retriever	Not Known	Nobivac L4 - 1.N/AN/A, 24,1 Dose Once 1. Animal (27/11/2013- 27/11/2013)=RR-BR-Nobivac SIPPI - 1.N/AN/A, 24,1 Dose Once 1 Animal (27/11/2013- 27/11/2013)=RR-GRP	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2014-AT-00140	Austria	Animal	Canine/dog	3 Month(s)	24/09/2014	29/09/2014	1 1	0 26,		es, Yes</b 	Emesis,Tremor	No Data	Sapert adverse event Tog was seconated on september 24, 2014. 2 (shy later the dog thowed sever them Politics and the Sapert Sa	Other Canine/dog	1.5	Nobivac L4, suspension for injection for dogs – 1,N/A,N/A,10,1 ml Once (24/09/2014 - 24/09/2014-8R>~BR>Nobivac ShPP Lyophilist und Lösungsmittel zur Herstellung einer linjektionssuspension für Hunde – 1,N/A,N/A,10,1 ml Once (24/09/2014-24/09/2014-8R>~BR>~BR	O - Unclassifiable/unassessa ble	_

NOBIVAC L4			Germany	Animal	Canine/dog	6 Year(s)	19/10/2013	07/01/2014	1 1	1 27/11/20:		Elevated BUN, Haemolytic anaemia, Thromboyropenia, Leuco cytosis, Neurological signs cytosis, Neurological signs accident, Convulsion, Death by euthransia, Weathers, Mucosa pete chiae, Abnormal test result, Immune mediated fae-molytic anaemia, Haematuria	No Data	SAR: On 19 Oct 2013 one dog (Proodle/Dachshund-Mix) was booster vaccinated with Nobbac L4. On 2 Novo the dog was presented to the vet because it was very weak and showed hematuria. The blood analysis showed a severe anaemia with hemolysis. The dog was tested negative for travel-related diseases (e.g. Baselas, Analpsiana, Britchia, Leithamian), he leukologies and use was increased and Coombis-test was positive. Despite of blood transfusion and high-dosed cortisone the hematoric lieve decreased again shortly after. So the dog was sent to the university for further treatment. There the dog received two more blood transfusions, but both times the hematoric decreased rapidly the next day, via exclasion diagosis as and simmure responsible hemotylic ranserial was determined. Ville occeeded in the second of th	f		Noblwa C4 - 1.N/A/M, 24.1 Dose Once 1 Animal [5/10/2013- 19/10/2013)-BR>-BR>	O - Unclassifiable/unassessa ble	
	DE-NLINTVINT-2014-E		Germany	Animal	Canine/dog		20/12/2013		1 1		3 No, BR> <b R> No</b 	oedema,Dyspnoea,Facial oedema	Other	Superted adverse reaction: A dog was vaccinated with Nobiava 5HPP and Nobiava (4 on 20 Dec 2011 probably) in a miles oryinge, but this is not sure (for Nobiava (4.4) was 1the first vaccination, before, Nobiava (1etpo had been applied. Nobiava 5HPP had already been applied before). Approximately 4-5 hours after the vaccination, the dog had oedema at the injection site, disponee and head oedema. This dog was treated immediately with Hexadreson and the owner was advised to go for a walk with the dog near the practice. When they came back again, clear improvement could be noted. On the next day, everything was okay again. No more information expected. [Reason for use for product. element: OHPP II Valand. NOBIAVA. STAPP 1000515 27 Beacon: Vaccination/Prophylasis Generic. EPPTO*4(ICT_CAN_GRIPP_BRAT) KSI. Brand: NOBIAVA. L4 10X105 540. Reason: Vaccination/Prophylasis.	e	g 14	Once (20/12/2013- 20/12/2013/sBR-sBR>Nobivac SHPP- 1.N/AN/A.24,1 Dose Once (20/12/2013-20/12/2013) sBR> 		
NOBIVAC L4	DE-NLINTVINT-2014-E	DE-00044	Germany	Animal	Canine/dog	7 Month(s)	09/01/2014	13/01/2014	1 1	0 09/01/20:	4 Yes	Restlessness, Diarrhoea, Voniting, Pu stules, Rash, Reddening of the skin, Pruritus, Depression, Localised Itching	u No Data	SAR: One dog (liveed Berger Debauce) was vaccinated on 9 Jan 2014 at a pagrox. 10 AM with Noblova Li for the first time. In the evening at a popus. 8 PM the dog was very restless and approx. at midnight the dog still showed resilescenses. In the morning of 10 Jan the dog showed diarrhoea and at the abdomen in the ampits and inner thighs putules and tiching redeeming was visible. In the course of the day the dog was depressed, showed no fever and normal feed intake. In the evening the dog was rounting. Th animal was treated with antibiotics (Duphamon, job that be kind in san beverely remained. The igelaction is showed no reactions. Because the pruntus persisted, the dog was treated with Hexadiesone on 14 Jar and purtus improved. Depth of the kind general health conclination is fire. (Resound for use for page 14 persistence of the provided of the present page 14 persistence of the provided of the Vaccination] (State of health: Good)		33	Nobivac L4 - 1,N/AN/A, 24,1 Dose Once 1 Animal (09/01/2014- 09/01/2014) -BR> -BR>	A - Probable	
NOBIVAC L4	DE-NLINTVINT-2014-E	DE-00059	Germany	Animal	Canine/dog	3 Year(s)	13/01/2014	20/01/2014	1 1	0 13/01/20:	4 No, <b R> NO, BR> Yes</b 	Facial oedema,5welling NOS,Local swelling (not application site)	Other	Supected adverse reaction: Approximately 15 minutes after vaccination with Nobivas SIPPP and Nobivac L day Tolkows T (SIPP) 4 and a mixed syringer. Separately) at 6 p.m. in the evening, the do showed sowlen mucosae and head cedema. The nose was slightly closed by swelling, therefore the doc sovered sightly from the 1 tolk system of the 1 tolkows the same than 1 tolkows the service of the same than 1 tolkows the service service which the service service which the service service which the service service which the service	Pug	Not Known	Nobivac L4 - 1,N/AN/A,24,1 Dose Once (13/01/2014- 13/01/2014\checkser-cler Nobivac SHPP - 1,N/A,N/A,24,1 Dose Once (13/01/2014- 13/01/2014\checkser-cler Nobivac T - 1,N/AN/A,24,1 Dose Once (13/01/2014-13/01/2014\checkser-cler Nobivac T -	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-G	DE-00069	Germany	Animal	Canine/dog	2.5 Year(s)	22/11/2013	20/03/2014	1 1	0 26/11/20:	3 Yes	Bloody diarrhoea, Blood in vomit, inappetence, Abnormal test result	No Data	SAE: One day was vaccinated on 22 Nov 2013 with Noblouc L4 for the Inst time. On 26 Novi I was presented to the vet because of Bloody vorniting, Bloody darknoes, inappetence, but no fever. Since then the dag continuously showed 3 days vomiting, 3 days darrhoes and 3-4 days of no symptoms. Then it starts again. The day was again was exactined on 21 Dec 13 without any otherapie in symptoms. In Jan 2014 the problems with diarrhoes improved, but womiting and inappetence still persisted. On 14 lan 18 blood was examined and the canine pancress lapse was over 400 micrographitie (supplican) of partneralist); The liver values were fine. The dog received a low lat delt, Vitamin E and f meets vary admented. The dog off on the war agree stort extended and the canine admented the control of the control	Welsh Corgi Cardigan	10.6	Nebbac L4 - 1.N/A/N/A 24,1 Dose Twice (29 nay), 22/11/2013- 21/12/2013)-BR>-GR>	O - Unclassifiable/unassessa ble	
	DE-NLINTVINT-2014-E		Germany	Animal	Canine/dog		20/01/2014	21/01/2014	3 1		R> No		Other	SAR: Three dogs were vaccinated on 20 Jan 2014 with Noblava SHPPI and Noblava: L4 (not known if concurrent or similaraeous use). Aporo. 2,5 hours after vaccination the face (see and nose) showed swellings and was severely edematous. Also mild respiratory symptoms were observed, but the circulatory system was fine. The vet treated the dog with Predicision. The next day, 21 Jan 2014, the owner informed the vet via telephone that the dogs fine again. [Reason for use for product: Generic: DHPP II 2 Plant. NOBINAC PROFISOSIOS 520 Resson: Vaccination] [State of health: Good!]	Chihuahua	2	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (20/01/2014- 20/01/2014) -BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once 1 	B - Possible	
	DE-NLINTVINT-2014-E		Germany	Animal			23/01/2014		1 1	0 23/01/201	4 No, <b R>BR>BR>No, ER> BR>ER></b 	Facial oedema	Other	Sispected adverse reaction: A dog was vaccinated on 23 Ian 2014 with Nobwas SHPP and Nobwas L4 (mixed syringe) and Robbac T (separately). J nour later, the dog showed facili octem without respirator y pringtons. The dog was treated with prediscions and Voren. In the evening, the swelling had already clearly abated. It is unknown which product exactly had been used in the previous first vaccination. Soon recovery is expected. No more information expected; case will be closed. [Reason for use for product: Generic: RABIES IN ALU ADJUVANT NV Brand: NOBIVACT 10XIDS 520 Reason: Vaccination/Proglukis Generic: LEPPO*/ URC_VAM_CRIP_RABIT_XB Brand: NOBIVAC L4 10XIDS 540 Reason: Unknown. Generic: DHPPI LV Brand: NOBIVAC SHPPI 10XIDS 122 Reason: Unknown.]	ı		Once (23/01/2014- 23/01/2014/8R>-8BR>Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (23/01/2014- 23/01/2014)-8BR> Nobivac T - 1,N/A,N/A, 24,1 Dose Once (23/01/2014-23/01/2014)-BR>-BR>	B - Possible	
	DE-NLINTVINT-2014-E		Germany	Animal	Canine/dog		23/01/2014		1 1		4 No, <b R>BR>BR>No, KBR>KBR> BR>BR>Not Known</b 	also 'Skin')	Other	Sapected adverse reaction: The vet reported 2 cases of adverse reactions after Nobinex-excination in a Bracke-Mix and a German Shorthaty-pupp, This case represents the reaction of the Bracke-Mix, the case of the German Shorthatir-puppy is entered spannely as 2014-05-00163. The dog was vaccinated on 23 Jan 2014 with Nobines EMPPI and Nobivac L and had first the vaccinations "thick face" and an ingro-edemic over the half of the face. The dog had never received Nobivac before. It was fine again after administration of cortisone, after 1-2 days. Start/Duration of symptoms: within 24 hours / 1-2 days. No more information expected. [Reason for use for product, or properties within 24 hours / 1-2 days. No more information expected. [Reason for use for product.] Genetic: EMPT I US transit NOBINIVAC 14 IONIS 227 Reason: Vaccination/Prophylasis Genetic: EMPT I US TRANSIT AND ALL DATE OF THE PROPERTIES AND ALL DATE OF THE PROPERTIES AND ALL DATE OF THE PROPERTIES AND ALL DATE OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OF	Other Canine/dog	26	Nobivac L4 - 1,N/A/N/A, 24,1 Dose Once (23/01/2014- 23/01/2014-8R-SBR-Nobivac SHPP1 - 1,N/A/N/A, 24,1 Dose Once (18 Dayle) 23/01/2014- 23/01/2014-BR>-SBR-Nobivac T - 1,N/A/N/A, 24,1 Dose Once (23/01/2014-23/01/2014/SBR>-SBR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-E	DE-00166	Germany	Animal	Canine/dog	Not Known	12/02/2014	10/03/2014	1 1	0 12/02/20:	4 Not Known	Bloody diarrhoea	Not Known	SAR: One dog was succinated on 12 feb 2014 with Noblavic LA. At home the dog showed pulyy and bloody distribute. On 13 feb the dog was fine again. No information if the dog was treated or recovered spontaneously available. More information expected. Follow-up 10 Mar 2014: no more information received. [Reason for use for product: Genet: EEPTO*4[CT.CAR/BRP.BRAT] XB Brand: NOBIVAC L4 50XIDS 540 Reason: Vaccination] [State of health: Unknown]	Other Canine/dog	Not Known	Nobivac L4 - N/A,N/A,N/A ,24,Unknown Unknown (12/02/2014 12/02/2014) 	B - Possible	

NOBIVAC L4	DE-NLINTVINT-2014-DE-00168	I	Lauterel	Carles (d.	25.44	40/02/25:	40/03/35:-1	al -	ol an/ *-	114 No. <e< th=""><th>Footst swellten (one stee 161 - 11</th><th>Other.</th><th>Iran o- angle muse de la companya de</th><th>Ironach port</th><th></th><th>Nobivac L4 - N/A.N/A.N/A</th><th>n needde</th><th></th></e<>	Footst swellten (one stee 161 - 11	Other.	Iran o- angle muse de la companya de	Ironach port		Nobivac L4 - N/A.N/A.N/A	n needde	
		Germany	avnithal	Canine/dog	is.s Month(s)	18/02/2014	18/02/2014	1 1	U 18/02/2	R>BR>BR>NO BR>BR>BR>BR>BR>BR>BR>BR>BR>BR		Other	SAR: On 18 Feb 2014 one dog was vaccinated simultaneously with Noblack 5HPP and Noblack L4 and concurrently with Noblack T.2.4 hours after vaccination the ainfail owner came buck to the vet, as the dog showed severs swelling of the entire head. The dog was treated with Dexamethasone and remained under observation. The dog improved quickly and recovered within 2.3 days. Additional leformation: the dog was vaccinated at an age of 7 weeks with Noblack 5P. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC 5HPPI SOXIDS 520 Reason: Vaccination Generic: LEPTO*4(ICT_CAM_GRIPP_BRAT) Tas Brand: NOBIVAC 15 VOXIDS 540 Reason: Vaccination Generic: LEPTO*4(ICT_CAM_GRIPP_BRAT) Tas Brand: NOBIVAC 15 VOXIDS 540 Reason: Vaccination Generic: LABILST NR LU JULIVANT EV Brand: NOBIVAC 15 VOXIDS 540 Reason: Vaccination [State of health: Good!	French Bulldog		,24,Unknown Once (18/02/2014- 18/02/2014\-BR-\BR-\BR-\Nobivac SHPPI - N/A,N/A,24,Unknown Once (18/02/2014- 18/02/2014\-BR>\BR>\Nobivac T - N/A,N/A,N/A,24,Unknown Once (18/02/2014\-BR>\BR>\BR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00183	Germany	Animal	Canine/dog	12 Week(s)	21/02/2014	24/02/2014	1 1	0 21/02/2	I14 No, <e R> No</e 		Other	SAI: On 2.1 Feb at 10 am one dog (breed Chibushus) was vaccinated simultaneously with Nobibuse SHPH and Nobibuse. L.A. After approx. 20 minutes the dog showed increase the advantage. After a total of 45 minutes the dog showed peri orbital swelling which spread over the entire face. Furthermore urticaria was observed on the forehead. Circulation, cradial and resignatory systems were fire. The dog was treated with Dezamethasion (Voren) and Predisiolon. In the afternoon at 4 pm the dog had completely recorded. No more information expected. [Resont for use for product. Genetic 1997 V Brank NOBIVES. 5997 SOUTES 500 Reason. Vaccination Genetic 1997 OfficeT, CAM, GRIPP/BRAT) SE Brank NOBIVES. 1997 SOUTES 500 Reason. Vaccination (Sator of health Cool)	Chihuahua		Nobivac 14 - 1,N/A,N/A, 24,1 Dose Once (21/02/2014- 21/02/2014)+GBRBR>-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (21/02/2014-21/02/2014)+GBR>-GBR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00193	Germany	Animal	Canine/dog	3 Month(s)	20/02/2014	27/02/2014	1 1	0 20/02/2	No. RNSRNSRNO RNSRNO RNSRNO BRNSRNO BRNSRNO	Injection site oedema, Bradycardia, Pale mucous membrane, Vomiting, Laboured breathing, Weak pulse	Other	SAR: On 20 Teb 2014 one dog was vaccinated simultaneously with Nobbucs 15H; Nobbucs 11 and Nobbucs 16H; Nobbucs 11 and Nobbucs 16H; Nobbucs 11 and Nobbucs 16H; N	Yorkshire Terrier	3	Nobivac L4 - 1.N/A.N/A, 24.1 Dose Once 1 Animal (20/02/2014- 20/02/2014)-BR-NeBR-Nobivac SHP - 1.N/A.N/A, 24.1 Dose Once 1 Animal (20/02/2014- 20/02/2014)-BR-NeBR-Nobivac T - 1.N/A.N/A, 24.1 Dose Once 1 Animal (20/02/2014-20/02/2014)-BR-NeBR-	B - Possible	
	DE-NLINTVINT-2014-DE-00216	Germany	Animal	Canine/dog	15 Month(s)	03/03/2014	05/03/2014	1 1		R> No >BR> BR>Yes		Other	SAR: On 3 Mar 214 one dog was vaccinated concurrently with Nobiwas SHPPI, Nobivac L 3 and Nobiwa: T. Approximately 3 hours after vaccination the dog showed facial edems, end macule, malaise and relutance to move. The animal was treated with Deamethasone and the next morning the dog was fine again. Additional information: the mother was vaccinated the next day with Nobivac and also reacted (entered in case 2014-0F-00218). A total amount of 7 dogs of this owner was vaccinated with Nobivac (the about 5 modern or service) and the service of the control of the service of th			Nobivac L4 - 1,N/AN/A, 24,1 Dose Once 1 Animal (03/03/2014- 03/03/2014-RR-NBR-Nobivac SHPPI - 1,N/AN/A, 24,1 Dose Once 1 Animal (03/03/2014- 03/03/2014-08R-SBR-Nobivac T - 1,N/AN/A, 24,1 Dose Once 1 Animal (03/03/2014-03/03/2014)-BR-SBR-	B - Possible	
	DE-NLINTVINT-2014-DE-00218	Germany	Animal	Canine/dog	2 Year(s)	04/03/2014	05/03/2014	1 1		R> No		Other	SAR: On A Mar one dog was succinated concurrently with Nobiace Plan an Nobiace LA Approx. 3 hours after vaccination the dog showed facile deems, red macule, makies and reflexance to move. The animal was treated with Dexamethations and the next morning the dog was fine again. Additional information: the daughter of this dog was uccinated the day before with Nobiace and also reacted (entered in case 2014-05-00215). The reaction of the mother dog was much severe then the reaction from the daughter the day before. A total amount of 7 dogs of this owner was vaccinated with Nobiace (the exact products each dog received are not known) these days. [Reason for use for product: Generic EUTO* VIECTO* AUTO* AUT	Chihuahua		Once 1 Animal (04/03/2014- 04/03/2014)-BR->BR-Nobivac Pi - 1.N/A.N/A, 24,1 Dose Once 1 Animal (04/03/2014-04/03/2014)-BR>->BR>	B - Possible	
	DE-NUNTVINT-2014-DE-00226	Germany	Animal	Canine/dog	2 Year(s)	05/03/2014	24/03/2014	1 1	1 05/03/2	114 NoGRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX		Other	SAI: On S Mar 2014 one dog threed pugl was succinated concurrently with Noblace IP (had been already administered before) and Noblace Ld (first vaccination) and received an interochy. A few minutes after vaccination the dog showed womiting and staggering. The animal was treated with oxygen and improved. After 10 minutes the dog collapsed and rearnaismon with intuitation and predission was performed. The intuitation was performed without any problem, no swelling in the largygeal area was observed. Aft for timore improvement was observed, but then the ainmail ded. The dog was forwarded to necropay, Results are outstanding. Additional information: The breeder mentioned that pugs in general do not tolerate increokips. PLO 12 Mar 2012 in Bagnosis of necropays: edema of galibladder base, mild acute diffuse alveolar pulmonary edema. Epicrisis of necropay: edema of galibladder base, mild acute diffuse alveolar pulmonary edema. The considerance of or an anaphylistic shock was not found. The severe brachyparaths superior is a breed specific characteristic, but can cause clearly reduced capacity of the circulatory system under stress. No more information expected. Generic: LEPTO-41(ET.AM, GRIPP BART) MS Brand N. DBIANCI, L6 SOLDIS Sol Reason: Vaccination [Isate of health: Canolit.]	Pug	9.4	Noblwa (14 - 1.N/A/M, 2.4, 1 Dose Once 1.Animal (5(07)/2014- 05/03/2014-8R->6R-Noblwa FI- 1.N/A/M, 2.4, 1 Dose Once 1.Animal (05/03/2014-05/03/2014)+8R>>6R>	B - Possible	
NOBIVAC L4	DE-NUNT/UNT-2014-DE-00229	Germany	Animal	Canine/dog	5 Year(s)	07/03/2014	02/04/2014	1 1	1 08/03/2	114 No_cRR>-cRR>-cR R>-cBR>-cBR>-No CBR>-cBR>-cBR>-bBR>- BR>-cBR>-bBP>-bBR>-cBR>-yes	, stand,Staggering,Death by	Other	SAR: On 7 Mar 2014 one dog was vaccinated concurrently with Noblace SIPPN, Noblace La and Noblact T. The next day to wover recognized that the dog was salegering and fel down, on 10 Mar the animal was presented to the vest still showing staggering and the dog, was almost not possible to put the feed on the ground especially the front link. The back and eyes were fine. The dog was treated with Predivisionion (Solu-Decortin) and analgesics. The vest suspected a central nervous problem. The will be provided. Follow-up 2d Mar 2014. The perspitions (lack of adult) to stand in the form (link plailing) first improved after high dosage of cortisione for a few bours, but then worsened again. Cortisione was administered again. The dog was not possible to stand at all, traftermore the day glowed initied awareness and appeared somolent. The dog was send to a clinic and further diagnostic was cerebral aneutym or reoplasia although the temporal association to vaccination makes vet doubtful. SIPPI SOXIDS 5:00 Reason: Vaccination Generic: LEPTO*4[LCT,CAM,GRIPP BRAT] KIS Brand: NOBIVAC SIXIDS 5:00 Reason: Vaccination Generic: LEPTO*4[LCT,CAM,GRIPP BRAT] KIS Brand: NOBIVAC T SIXILDS 5:00 Reason: Vaccination [State of health: Unknown) [State of health: Unknown) [State of health: Unknown)	: French Bulldog	Not Known	Nobiwa L4 - 1.N/A/N/A 2.4.1 Dose Once 1.Animal (107/3/2014- 07/03/2014-8R->6R-Nobiwa SHPPI - 1.N/A/N/A, 2.4.1 Dose Once 1 Animal (07/03/2014- 07/03/2014-8R-SR-Nobiwa C - 1 1.N/A,N/A, 2.4.1 Dose Once 1.Animal (07/03/2014-8R-SR-Nobiwa C - 1 1.N/A,N/A, 2.4.1 Dose Once 1.Animal (07/03/2014-07/03/2014) SR-> 8R->	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00232	Germany	Animal	Canine/dog	7.5 Week(s)	07/03/2014	18/06/2014	1 1	1 08/03/2	No, R> BR> R> BR>No	Death,Fatigue	Other	SM: On 7 Max 7014 one dog (gar 7.5 weeks) was vaccinated concurrently with Nobbac SHPF and Nobbac L 14 feet the breeder handed the dog out to the new owner. The next day the dog showed severe failigue and was treated with findsoin (Ringer). So the dog was brought back to the breeder as a psychological component caused by the separation from he mother and sibiling was suspected. The next day, 9 May, the dog ided without showing any symptoms (no fever, diamneer or vomitting). On this day the dog fumed 8 weeks old. Necropsy will be performed. Full 11 un 2014. Necropsy of dog was performed. Despite of several reminds the vet did not formored the results of years not able to find results). Therefor case will be closed. [Reason for use for product: Generic DHPPI LV Brand: NOBINAC SHPP SIOIDS 200 Reason: Carcination Generic: LPTPO*4(ICT_AN_GRIPP_BRAT) NB Brand: NOBINAC SHPP SIOIDS 200 Reason: Carcination [State of health: Good]	Chihuahua	Not Known	Nobinac L4 - 1,N/AN/A, 24,1 Dose Once (07/03/2014- 07/03/2014-8R>-Nobinac SHPH - 1,N/A,N/A, 24,1 Dose Once (07/03/2014-07/03/2014)-BR>-BR>	O - Unclassifiable/unassessa ble	

NOBIVAC L4	DE-NLINTVINT-2014-DE-00245	Germany	Animal	Canine/dog	23 Month(s)	12/03/2014	13/03/2014	1 1	0 12/03	/2014 No, <br< th=""><th></th><th>Other</th><th>Suspected adverse reaction: A dog was vaccinated on 12 Mar 2014 with Nobivac SHPPI and Nobivac L4 (both in a mixed syringe) and with Nobivac T. Directly after the vaccination, within 5 minutes, the</th><th>Pug</th><th>10</th><th>Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once (12/03/2014-</th><th>B - Possible</th><th></th></br<>		Other	Suspected adverse reaction: A dog was vaccinated on 12 Mar 2014 with Nobivac SHPPI and Nobivac L4 (both in a mixed syringe) and with Nobivac T. Directly after the vaccination, within 5 minutes, the	Pug	10	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once (12/03/2014-	B - Possible	
										 <b BR> Not Known</b 	oc.		animal showed diarrhoea, pathy, tachycardia and tachypnea. Treatment with infusion and predissione was a splined. Retchroadingan was performed as control-check and showed a high T-wave, therefore a cardiac examination was made which was without special findings. Within 1-2 hours of the card improvement occurred. On the next day, everything woods value pain. Additional inch: the dip has already been vaccinated with Nobbac SHPP and with Nobbac Lepth, but not yet with Nobbac Let or Nobbac T. No more information expected. (Reason for use for product: Generic EMPPI U P Brand: NOBBINAC SHPP INDIS 122 Reason: Vaccination/Prophylaxis Generic: LETO*4(CF.CAMGRIP BART) BIS TRANS MOREVACE ALL STANS ALL ADJUVANT KV Brand: NOBIVAC T IOXIDS 540 Reason: Unknown. Generic: Good of the Control	i i		12/03/2014\-BR- -Nobiwa SHPP - 1.N/A,N/A, 24,1 Dose Once (12/03/2014- 12/03/2014\-BR>-Nobiwac T - 1.N/A,N/A, 24,1 Dose Once (12/03/2014-12/03/2014)\-BR> 		
NOBIVAC L4	OE-HLINTVINT-2014-DE-00254	Germany	Animal	Canine/dog	7 Year(s)	06/03/2014	17/03/2014	1	o os/os	No,-€R>-€RP R>-€BP>-€BP>		i Other	Supperted adverse reactions A dag was vaccinated on 6 Nar 2014 with Noblwac SHPH and Noblwac Li (unknown if in a mixed yringe or separately). Clays lister, the owner noted inappetence and apathy. On 13 Mar 2014, the dag was presented in the practice with additionally fever (60.1 °C.) slight with a comparation of the comparation of	Golden Retriever	33.7	Nobbuc 14 - 1.N/N/N. 2.4.1 Dose Once (0):6/03/2014 06/03/2014:eR8BNobbuc 58/PP - 1.N/A/N./2.4 Dose Once (06/03/2014-06/03/2014)-BRBR-	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00278	Germany	Animal	Canine/dog	8.5 Year(s)	24/02/2014	21/03/2014	1 1	. 1 26/02	/2014 Yes, <br R> Known</br 	- <b \(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(\<="" td=""><td>No Data</td><td>SAI: On 24 Feb one dag was succinated concurrently with Noblacs IP4 and Noblacs LL4. On 25 Feb the dag was presented again to the ver because of severe itera. The liver values were not measurable anymore and the kidney values were extremely high foe scart values available). No anaemia was observed. The dog was sent to a clinic. The PCR for (septosylar was postive, artificial saginist Leptospira were not found. Despite of treatment the dog died on 3 or 4 Mar 2014. No more information expected, [Reason for sex for product: Generic IPH PU Brand. NOBINAC SPR SOXIDS 520 Reason Vaccination. Generic: LEPTO*4(ICT,AN,GRIPP,BRAT) KB Brand: NOBINAC L4 SOXIDS 540 Reason Vaccination (State of health Cond.)</td><td>Crossbred</td><td>12.9</td><td>Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (24/02/2014- 24/02/2014)-BR>-BR>-Nobivac SHP - 1,N/A,N/A, 24,1 Dose Once 1 Animal (24/02/2014-24/02/2014)-BR>>BR></td><td>N - Unlikely</td><td></td>	No Data	SAI: On 24 Feb one dag was succinated concurrently with Noblacs IP4 and Noblacs LL4. On 25 Feb the dag was presented again to the ver because of severe itera. The liver values were not measurable anymore and the kidney values were extremely high foe scart values available). No anaemia was observed. The dog was sent to a clinic. The PCR for (septosylar was postive, artificial saginist Leptospira were not found. Despite of treatment the dog died on 3 or 4 Mar 2014. No more information expected, [Reason for sex for product: Generic IPH PU Brand. NOBINAC SPR SOXIDS 520 Reason Vaccination. Generic: LEPTO*4(ICT,AN,GRIPP,BRAT) KB Brand: NOBINAC L4 SOXIDS 540 Reason Vaccination (State of health Cond.)	Crossbred	12.9	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (24/02/2014- 24/02/2014)-BR>-BR>-Nobivac SHP - 1,N/A,N/A, 24,1 Dose Once 1 Animal (24/02/2014-24/02/2014)-BR>>BR>	N - Unlikely	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00282	Germany	Animal	Canine/dog	5 Month(s)	22/03/2014	24/03/2014	2 2	0 22/03	/2014 No, BR: R>BR>CBR>CBR>CBR>CBR>CBR>YES	lo,	Other	Seaton Association in Seaton Memory (Seaton Memory) (Seaton Me	Other Canine/dog	3.4	Nobivac L4 - 1,N/A,N/A,24,1 Dose Once (22/03/2014- 22/03/2014) -SBR>Nobivac SHPPI - 1,N/A,N/A,24,1 Dose Once (22/03/2014- 22/03/2014) -SBR>Nobivac T - 1,N/A,N/A,24,1 Dose Once (22/03/2014-22/03/2014) -SBR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00303	Germany	Animal	Canine/dog	2 Year(s)	25/03/2014	09/07/2014	1 1	0 25/03	/2014 No, BR R> 		Other	Sepected adverse reactions. A French Building was vaccinated on 25 Mar 2014 towards 2 pm. with a meet dyringe of Nobbox 14 and Nobbox 16. How Chapter [Feters-label-luos]. He dog was presented in the vet faine 3 pm. because of utilizaria, strong litching and swelling at the whole body. Treatment with perdissioners was performed, thereafter improvement occurred immediately. Additional info: the dog is very allergic (pollen, feedstuff), Follow-up information is expected. Follow-up from 2 Jul 2014 it can be assumed that the dog is okay again, as the situation had already clearly improved and as the vet would have contacted us otherwise. We don't expect to get further information, so the case will be closed. [Reason four tem for product Ceneric: EIPO*14](CLA). GLORIPS/BAT IS Branch NOBINAC LE 1010105 30 Reason: Vaccination/Prophylasis Generic: CANINE PARAMITUENZAL VI Brand: NOBINAC PI 1010105 637 Meason: Unitionally [State or health: Good)	French Bulldo	g 10.2	Nobivac L4 - 1.N/A.N/A ,24,1 Dose Once (25/03/2014- 25/03/2014-98R>-Nobivac Pi- 1.N/A.N/A ,24,1 Dose Once (25/03/2014-25/03/2014)-BR>-BR>	B - Possible	
	DE-NLINTVINT-2014-DE-00365	Germany	Animal	Canine/dog		21/11/2013		2 1		/2013 No, <br. r="">BR> SR>BR</br.>	io, mila,Lack of efficacy	• Other	SAR-SIET Alliter of Bolonia Xevetna domestic dogs (react number of animals is winknown, for the case entry, 2 wene chosen), a weeks old, we venicated not 2.1 No. 2011 with Nobbus SPIP and Nobbus Li and Nobbus T (indenown if mixed or separately), 1 puppy was on 2 Dec 2013 for treatment in the particle because for voimting and distribute a temperature 318.7. The puppy field approximately not Dec 2013. Although Parvo was diagnosed, the case was reported as adverse reaction, not as lack of efficacy, No more information expected. Reason for use for product. Generic CHMP IJ V Brand. NOBINAC SIMP SOXIDS 520 Reason: Vaccination/Prophylass Generic: FETO*4[CF.CANGRIP SART SIR STATE NOBINAC I SOXIDS 540 Reason: Unknown. Generic: RABIES IN ALU ADJUVANT KV Brand: NOBIVAC I SOXIDS 60 Reason: Unknown.] [State of health: Good!	Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (21/11/2013- 21/11/2013-BR>-BR>Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (21/11/2013-BR>-BR>Nobivac T - 1,N/A,N/A, 24,1 Dose Once (21/11/2013-21/11/2013)-BR>-BR>	N - Unlikely	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00389	Germany	Animal	Canine/dog	10 Week(s)	19/03/2014	09/04/2014	3 .	1 22/03	/2014 Not Known, > Not Known		Not Known	Sapected adverse reaction: 3 Mini-Maltiese puppies (10 weeks old) were vaccinated with Nobivac SPI and Nobivac L Film (wed syringle) on 15 May 2014. On 22 Mar 2014, the owner presented 2 puppies in the vet Clinic because of very bad general condition and vomiting. It was planned to euthanize one puppi, as it arrived in lateral position. However, symptomatic therapy was applied (no euthanize) on 24 Mar 2014, at the vet practice, both puppies were presented with the same symptomatology, but slightly improved, but additionally with white discharge from the noise. this was milk, therefore the vet suspects against non personal control of the supplementation of th	Maltese	.5-2	Nobbact (4 - 1.N/N/N, 2.4.1 Dose Once (19/03/2014): Rh-Nobbac SHP- 19/03/2014: RR-NB-Nobbac SHP- 1/N/N/N, 2.4.1 Dose Once (19/03/2014-19/03/2014): RR- 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00373	Germany	Animal	Canine/dog	Not Known	09/10/2013	09/04/2014	1 1	0 23/10	/2013 NO, <br: r="">BR> <br< td=""><td></td><td>Other</td><td>Supported allowers execution. A Discribitured was succinated on 9 Cot 2013 with Nobinec SIMPs and Nobinec La flam Nobinec T (saftown firm freed or separately). J deep after vacciotistion, no. 21 Oct 2013 sadden pain symptoms occurred, the dog didn't want to climb stairs, was smalling to move. The vet suspected spinal problems, but a very examination showed not findings, but every high liver values were detected. Pain treatment was performed and after 2 weeks the pain had diappeared. The liver values were regularly checked and were all (except GOT) 10.72-fold elevated, in the beginning of feb 2014, only 2 values were still elevated. No more information expected. [Reason for use for product; EUPP LIV Branch NOBINAC SHIPP SOUDS SOR Reason: Vaccination/Prophylaxis Generic: LETO*4 (CFLCANGREP BART SIS BRANCH SINGNEY ALL ORDINATORS AND EXAMINATION SIGNEY AND EXPENSIVE AND EXP</td><td>Not Applicabl</td><td>Not Known</td><td>Nobivac L4 - 1,N/A/N/A, 24,1 Dose Once (09/10/2013- 09/10/2013-8R-SB-Nobivac SHPP1 - 1,N/A/M/A, 24,1 Dose Once (09/10/2013- 09/10/2013-8R-SB-Nobivac T - 1,N/A/M/A, 24,1 Dose Once (09/10/2013-09/10/2013/-SB->-SB-Nobivac T - 1,N/A/M/A, 24,1 Dose Once</td><td>O - Unclassifiable/unassessa ble</td><td></td></br<></br:>		Other	Supported allowers execution. A Discribitured was succinated on 9 Cot 2013 with Nobinec SIMPs and Nobinec La flam Nobinec T (saftown firm freed or separately). J deep after vacciotistion, no. 21 Oct 2013 sadden pain symptoms occurred, the dog didn't want to climb stairs, was smalling to move. The vet suspected spinal problems, but a very examination showed not findings, but every high liver values were detected. Pain treatment was performed and after 2 weeks the pain had diappeared. The liver values were regularly checked and were all (except GOT) 10.72-fold elevated, in the beginning of feb 2014, only 2 values were still elevated. No more information expected. [Reason for use for product; EUPP LIV Branch NOBINAC SHIPP SOUDS SOR Reason: Vaccination/Prophylaxis Generic: LETO*4 (CFLCANGREP BART SIS BRANCH SINGNEY ALL ORDINATORS AND EXAMINATION SIGNEY AND EXPENSIVE AND EXP	Not Applicabl	Not Known	Nobivac L4 - 1,N/A/N/A, 24,1 Dose Once (09/10/2013- 09/10/2013-8R-SB-Nobivac SHPP1 - 1,N/A/M/A, 24,1 Dose Once (09/10/2013- 09/10/2013-8R-SB-Nobivac T - 1,N/A/M/A, 24,1 Dose Once (09/10/2013-09/10/2013/-SB->-SB-Nobivac T - 1,N/A/M/A, 24,1 Dose Once	O - Unclassifiable/unassessa ble	

	DE-NLINTVINT-2014-DE-00377	Germany	Animal	Canine/dog	3 Year(s)	21/11/2013	09/04/2014	1	1 0	, , ,	No, <b R> No</b 	Diarrhoea, Vomiting, General illness	Other	Supercted devere reaction: A Glant Schauszer () years old was vaccinated on 21 Nov 2013 with Oxbobac P1 and Noblack E (Jankhowl firmed syninger or separety), (nor 27 Nov 2015, the doc garen to less the emergency service with diarrhoea, vomiting and bad general condition. Symptomatic therapy was applied. On 2 Pec 2013, the symptomatology abated and the Seg recovered. No more information expected. [Reason for use for product: Generic: CANINE PARANTHURNAL V Brand: NOBIVAC P1 100X156 200 Reason: Unknown.] [State of health: Good] NOBIVAC L4 10X1DS 540 Reason: Unknown.] [State of health: Good]
NOBIVAC L4	OE-NLINTVINT-2014-DE-00383	Germany	Animal	Canine/dog	7 Year(s)	20/01/2014	22/05/2014	1	1 0	04/04/2014	No	Abnormal test result-Stiff gait, Uveitis, Fever, Lack of efficacy	Other	Suspected list of efficacy. A Cocker Spaniel was vaccinated on 12 Dec 2013 with Noblouc L4 and Other Carrieved the second vaccination on 20 and 2014 (extra-label to, increased to the second vaccination on 20 and 2014 (extra-label to, increased to the second vaccination on 20 and 2014 (extra-label to, increased to the second on 4 per 2014 in the practice with high fever, very strong uneits and stiff gait. Thereafter the dog was symptomatically okay again, however blood was taken. Lepto titler of one vaccine seronar was at 11500, the extress 11400. It is planned to in peak the examination in 14 days. Attending wer's causality assessment unclassifiable. Starf / Duration of symptoms: 4 per 2014 / 7 per 2014. Follow-up information is expected. Follow-up from 31 May 2014. The results of the titter-entaination were received inform-or againstration inhibition test). Test of 9 Apr 2014. gripposhlyphosa 1:000, norther less treated for 8 days with amountain and the 202 days with the oboxycyclin. The people at the laboratory couldn't explain these titler-values. No more information expected. [Reason for use for product: Carlos (cernic LEPTO* Olf-LCAM, GRIPP BRATI KB Brant NOBIVAC L4 10XID5 540 Reason: Vaccination/Prophylaxis]. [State of health: Good]
	DE-NLINTVINT-2014-DE-00399	Germany	Animal		9 Year(s)	08/03/2014	14/04/2014	1		01/03/2014		Circulatory shock, Haemorrhagic diarrhoea, Vomiting, Cough	No Data	SaR: On approx. 8 Mar 2014 one dog was vaccinated with Nobinac L4. After vaccination the dog showed coughing (exact temporal connection not known). On 5 are the dog was booster vaccinated with Nobinac L4. 30 minutes after vaccination the dog showed circulatory depression like a shock patient. The animal was treated with Prediscolone and influsion and was sent back home. There the dog showed projective unniting and was treated with Cerein Lue to a haemonifiage iteration with liquid facees the dog was treated with influsion for 3 days. On 15 Apr the dog was recovered, but exact date of recovery is not formation expected. [Reason for use for product: Generics LEFTOT*4(ICT_CAN_SRIPP_BRAT) KB. Brand: NOBINAC L4 SOXIDS-540 Reason: Vaccination) [State of health: Good)
NOBIVAC L4	DE-NLINTVINT-2014-DE-00421	Germany	Animal	Canine/dog	5 Month(s)	25/03/2014	19/05/2014	1	1 0	27/03/2014	Not Known	Abdominal pain, General pain (see other SOCs for specific pain), Fever, Apathy, Abnormal test result	Not Known	SAR: On dog was vaccinated with Nobixez L4 and showed severe fever and extremely high titre values. Orosbired 7 Nobixez L4 - N/AN/AN/A 3 A Justicomoun Tolomation it is not found in this case is reported as SAR or SLEE FU 7 May 2014: On 25 Mar 2014 one dog was booster vaccinated with Nobixez L4. After two days the animal showed severe fever (14, CF), pairful abdomen during palaption, aparty, generalized pain and titre values between 1.20 and 120 depending on the servary for oeast values known). The animal was treated with Symlox, Vetalign and Buscopan. Approx. on 15 Apr 2014 the dog was fine again. No more information expected. (Seeson for use for product: Generic: LEFTO*4(CF,CAN/GRIP*BRAT) KB Brand: NOBINAC L4 SOXLDS 540 Reason: Unknown) [State of health: Unknown]
NOBIVAC L4	DE-NLINTVINT-2014-DE-00495	Germany	Animal	Canine/dog	12 Year(s)	19/04/2014	19/04/2014	1	1 1	19/04/2014	NO, NO	Tachycardis, Cardiac arrest, Parting, Bath, Circulatory collapse, (see also 'Neurological' and 'Systemic disorders'), Cyanosis, Extrasystole disorders'), Cyanosis, Extrasystole	Other	SAR: On 19 Agr 2014 one dog was vaccinated with Noblwac SHPR and Noblwac L4 (extra-label use). No eminute after vaccination the dog collapsed on the floor and was only parting anymore. Due to tachycards the vert performed a ECG and ventricular extra systoles were visible. Lidocain was administered, the dog improved for a short time but then showed cardiac arrest. The vert administrated Signarenin intracardial and the heart started pumping again, but only ventricular extra systoles were seen on the ECG. Although no registratory symptoms were observed fexcept of politics, the dog searched the Coll of the All of the College of the
NOBIVAC L4	DE-NLINTVINT-2014-DE-00440	Germany	Animal	Canine/dog	18 Month(s)	22/04/2014	23/04/2014	1	1 0	22/04/2014	No, <b R> No</b 	Vomiting.Eyelid oedema,Facial oedema,Lip oedema (see also 'Skin')	Other	Suspected adverse reactions: A dag was succinated with a mixed syringe of Nobbasc SHPP and Nobbasc No 22 Ayr 2014 and approximately 3 hours after the vaccination it reacted with an extreme owelling of the face (facial ooderma). Expecially the lips and eyelids were concerned. The dog was treated on the same day with Asamethatoance. It showed vomiting (note) during the night. In the next morning, it was already clearly better, only marginal swelling was visible. The dog recovered completely on the same day. Shart / Putzon of symptoms: approximately 3 hours after vaccination of approximately 1 day. No more information expected. [Reason for use for groduct: Generic DHPPI IV Brand: NOBINAC SHPR JOINS 122 Reason: Vaccination Generic IESTOP 4(ICT_CAR_GBIPP_BRAT] XB Brand: NOBINAC ISSPA JOINS 124 Reason: Vaccination Generic IESTOP 4(ICT_CAR_GBIPP_BRAT] XB Brand:
NOBIVAC L4	DE-NLINTVINT-2014-DE-00472	Germany	Animal	Canine/dog	2 Year(s)	28/04/2014	29/04/2014	1	1 0	29/04/2014	Yes	Trembling.Abnormal posture NOS	No Data	Suspected adverse mexitions: A daily received on 28 Arg 2014 the booster vaccination with Nobbase 1.4. Other not day, the owner called the vest report that the dock is trending and lays down on the side in a strange manner. Additional info: the dog had been vaccinated 4 weeks parlier with Nobbase 24 April 2014 (2014):-BR>-BB> Nobbase 1 and Nobbase 2.4 without problems. Start of symptomics. 39 Arg 2014, the vest lasars 1:-BB and 1:
NOBIVAC L4	DE-NLINTVINT-2014-DE-00477	Germany	Animal	Canine/dog	4 - 5 Year(s)	02/04/2014	22/05/2014	3	2 0	03/04/2014	No, 	Vomiting.Weakness	Other	Suppected adverse reaction. After vaccination with Nobhac LA, Nobhac 2A, Nobhac 2DPF and Nobhac T (unknown) figher in mixed syringe or at different application sites on 2 Agr 2014, 2 dags (both Beagle, 11 Tenale, 13.4 & 5 years old, 1 mile, 13.8 & 4 years old, but he nestered (left fittings) and vomitted frequently, fine exact frequency flowers, 15 and 15 years of the nestered (left fittings) and vomitted frequently, fine exact frequency flowers, 15 and 15 years of the nestered (left fittings) and vomitted graphs; The days are receiving BAFF energing (lone) and fine through 15 years of the nestered part of the process of the part

NOBIVAC L4	DE-NLINTVINT-2014-DE-00579	Germany	Animal	Canine/dog	Not Known	14/05/2014	15/05/2014	1 1	0 14,	/05/2014	R> No,	Face and neck swelling (see also 'Skinf),Poor peripheral circulation,Tremor	Other	SAR/ELU.: A dog (breed: Chihuahua) was vaccinated on 14 May 2014 with Nobivac SHPPI (ELU: 0.5 dose and simultaneous/concurrent use). Nobivac L4 (ELU: 0.5 dose and simultaneous/concurrent use) and hobbac Tellur U.5 dose and simultaneous/concurrent use and hobbac Tellur U.5 dose and simultaneous/concurrent use. The products had been injected concurrent or simultaneous, steral thorax, but it is unknown if in mixed syringes or not. 0.5 his later the dog showed swelling of the head, theren, poor peripherial circulation. The dog was streated with Predirisolone and Dipherihydramin, 2 hrs later the dog recovered. Further information: the dog was vaccinated with Nobus SHPP and Nobivac Tebefore. (Beason for use for product: Generic: DHPI) VB Brand: NOBINAC SHPP In NOBIVAC Tebefore. (Beason for use for product: Generic: DHPI) VB Brand: NOBINAC SHPP IN STAR SHPP	Chihuahua	2.3	Nobivac L45,N/A.N/A,24,0.5 Dose (14/05/2014- 14/05/2014-180×-8B>Nobivac SHPPI5,N/A.N/A,24,0.5 Dose Once (14/05/2014- 14/05/2014-BR>-8B>Nobivac T - .5,N/A.N/A,24,0.5 Dose Once (14/05/2014-BR>-8B>	B - Possible	
NOBIVAC LA	0E-NLINTVINT-2014-DE-00637	Germany	Animal	Canine/dog	3.5 Year(s)	24/04/2014	13/06/2014	1 1	0 27,	/04/2011	Yes	inappropriate defecation Cardiac enlargement, Haubence, Involuntary defecation, Epileptic seizure, Falling, Futthering, Trembling, Stupor, Lateral results, Cardiac et al., 1988, 1989, 19	No Data	SAR. As of Breed Elo) was vaccinated with Nobbac L4 on 24 Apr 2014. Ch 0.72 Apr 2014 the dog showed epileptic seture (with falling, subtion), defectation, unitation, padded with the legs, afterwards high grade dizziness). Approximately on 30 Apr, 19 May, and 22 May 2014 the dog had further epileptic seture, which lasted approximately 4 an invutes. The attending vet performed further investigation: blood count showed Heamoconcentration (but the animal did not eat before further investigation: blood count showed Heamoconcentration (but the animal did not eat before further with levels of 12 in 80 was grade decreased, other thyroid hormones normal, low grade certsalluria. Dog under treatment with Pleson. Attending vets assessment is 8. The dog will possibly presented to a neurologist, neuropoist, assessment by phone call was N. Plu 13 lau 2014. Report of the neurologist specialists. Preliminary veport: the dog was vaccinated on 24 Apr 2014. Three days later mild vomiting and diarhose, two dogs later facets or log again. Then 23 littles normal facets was found in the house. On 20 May the first secture was observed, dog in lateral recumbens, lossing units, entering for 2 removes the control of the control of the control of the previous of the control	8 ts ::	17.8	Nobina: 14 - 1.N/N/N/A, 24,1 Dose Once (24/04/2014) - 24/04/2014) - 28R∼-8R>	O - Unclassifiable/unassessa bte	
NOBIVAC 14	0E-NLINTVINT-2014-DE-00652	Germany	Animal	Canine/dog	9 Year(s)	01/02/2014	26/05/2014	1 1	0 24,	/04/2014	Known, <br< td=""><td>Anaemia NOS,Mucus in trachea,Lethargy (see also Central nervous system depression in "Neurological") Preve/Breathing difficulty,Respiratory tract disorder NOS,Respiratory tract infection NOS,Abpnormal test result</td><td>Not Known</td><td>SAR. Animal owner reported that a dog was vaccinated in Jan and reb 2014 with Noblace Lk. In the er of Apr 2014 the dog-showed infect with Neer, respiratory problem, treatment with antiblotics. Further diagnostic performed, an emis was diagnosed, therefore further blood tests performed, increased Lepotsprosis-test. Test 7. Adays later blood test performed, Increased Lepotsprosis-test rent or Lande (11.00 for L. Grippotyphosa). Now treatment with Doxycycline. Owner asked for advice if tester are due to excentants. Follow up from 03 Jan 2014 Vaccinated 15 Jan 2014 with Noblace SHPP (Iconcomitant) and Noblace Lk. Revaccinated on 12 Feb 2014. On 24 Apr 2014 dog showed respiratory tract infection, fever, musus in traches, beattering difficulty, after one week antiblotics the dog recovered. On 26 Apr 2004 est performed, hematocrit decreased (anaemia), on 02 May 2014 Leptosprosis-tetter increased, Doxycycline tertament to be on the ave side, since to Idays, On 03 Jan 2014 still anaemia, Flabby (coded as lethargy); concomitant medical condition: the dog has only 1 kaltery, the other was removed in dec 2013. The information above was provided by animal owner only, Follow up from 04 Jan 2014. Alternding vet was contacted, no further information forwarded. Case can be docade. [Reason for use for product: Generic LEPTO*QUET_CARLOPP/RAMT1 NB arms ANDROW CALL STORD; STORD Resource Vision Generic Differ IV Vision. (USBNO). [State of health. Good]</td><td>r Retriever</td><td>33</td><td>Nobiac L4 - N/AN/AN/A 2J-Ulrianow Internown (ID)(02/2014- 01)(02/2014)-BRBB-Nobiac SHPPI - N/AN/AN/A N/AN/A (15/01/2014-15/01/2014)-BRBR-</td><td>N - Unlikely</td><td></td></br<>	Anaemia NOS,Mucus in trachea,Lethargy (see also Central nervous system depression in "Neurological") Preve/Breathing difficulty,Respiratory tract disorder NOS,Respiratory tract infection NOS,Abpnormal test result	Not Known	SAR. Animal owner reported that a dog was vaccinated in Jan and reb 2014 with Noblace Lk. In the er of Apr 2014 the dog-showed infect with Neer, respiratory problem, treatment with antiblotics. Further diagnostic performed, an emis was diagnosed, therefore further blood tests performed, increased Lepotsprosis-test. Test 7. Adays later blood test performed, Increased Lepotsprosis-test rent or Lande (11.00 for L. Grippotyphosa). Now treatment with Doxycycline. Owner asked for advice if tester are due to excentants. Follow up from 03 Jan 2014 Vaccinated 15 Jan 2014 with Noblace SHPP (Iconcomitant) and Noblace Lk. Revaccinated on 12 Feb 2014. On 24 Apr 2014 dog showed respiratory tract infection, fever, musus in traches, beattering difficulty, after one week antiblotics the dog recovered. On 26 Apr 2004 est performed, hematocrit decreased (anaemia), on 02 May 2014 Leptosprosis-tetter increased, Doxycycline tertament to be on the ave side, since to Idays, On 03 Jan 2014 still anaemia, Flabby (coded as lethargy); concomitant medical condition: the dog has only 1 kaltery, the other was removed in dec 2013. The information above was provided by animal owner only, Follow up from 04 Jan 2014. Alternding vet was contacted, no further information forwarded. Case can be docade. [Reason for use for product: Generic LEPTO*QUET_CARLOPP/RAMT1 NB arms ANDROW CALL STORD; STORD Resource Vision Generic Differ IV Vision. (USBNO). [State of health. Good]	r Retriever	33	Nobiac L4 - N/AN/AN/A 2J-Ulrianow Internown (ID)(02/2014- 01)(02/2014)-BRBB-Nobiac SHPPI - N/AN/AN/A N/AN/A (15/01/2014-15/01/2014)-BRBR-	N - Unlikely	
	DE-NLINTVINT-2014-DE-00676	Germany	Animal	Canine/dog	,	03/04/2014	,,,,	1 1			R×BR×BR>Yes	Facial swelling (see also 'Skin')	No Data	SAR This case is linked to case 2014-0F-00599. A dog was vaccinated on 03 Apr 2014 with holwac T and holwac L4, and me time, various injection itses. 1-2 hrs later the dog had "chubby cheeks". Treatment with Hexadesion, recovered. Additional information: The dog was vaccinated on 04 Apr 2013 with other Nobinac-Products (Nobinac L and Nobinac P) without SAR. [Reason for use for products: Generic ABBESI IN AUL ADUNANT NV Brand: NOBINAC T-50XIDS 540 Reason Vaccination] Generic: LEPTO"4[07.CAM,SRIPP,BBAT] XB Brand: NOBINAC 14 50XIDS 540 Reason: Vaccination] (State of health School)			Nobivac L4 - 1,N/A,N/A ,24,1 Dose Unknown (03/04/2014- 03/04/2014;BR>-&BR>Nobivac T - 1,N/A,N/A ,24,1 Dose Unknown (03/04/2014-03/04/2014)=BR>>BR>		
NOBIVAC L4	DE-NLINTVINT-2014-DE-00679	Germany	Animal	Canine/dog	8 Year(s)	25/03/2014	02/06/2014	1 1	0 25,	/03/2014	No, <b R> No</b 	Facial swelling (see also 'Skin')	Not Known	SAR This case is linked to case 2014-0F-000976. A dog [breed: Boloma Zwetran] was vaccinated on 25 Mar 2014 with Noback 7 and Nobbac 4, same time, same injection sites, make gyinge [off-label use]. 2 hrs later facial swelling. Treatment with Headerson, recovered. Additional information: The dog was vaccinated on 05 May 2011 with other Nobbac 70 Moods: (Robbac 8) may and Nobbac 17 mod Nobbac 170 without SAR. [Reason for use for product: Generic RablESI NI ALU ADJUVANT NV Brand NOBNACT 5000 ESO Reason: Vaccination Generic LEPPO'4(TC,TAN,GRIPP,BRAT) NB Brand: NOBIVAC 14 50XLD5 540 Reason: Vaccination] [State of health: Good]	Canine/dog	4.3	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Unknown (25/03/2014- 25/03/2014-8R×-8R>Nobivac T - 1,N/A,N/A, 24,1 Dose Unknown (25/03/2014-25/03/2014)	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-00687	Germany	Animal	Canine/dog	3.75 Year(s)	03/06/2014	03/06/2014	1 1	0 03,	/06/2014	Yes	Trembling,Reluctant to move,Circulatory disorder NOS	No Data	Suspected adverse reaction: A dog was vaccinated on 6 May 2014 with Nobinac L4 and Nobinac P1 in inwised syringe (extra-label use) and showed no symptoms. Then, 1-2 hours after the booster-vaccination (second vaccination for basic immunization) on 3 Jun 2014, according to the owner occulatory problems and trembling occurred, the dog didn't want to stand up and didn't want to go for a wall. The vet ercommended to monthor the dog and to wall, thor treatment. The vet assumes, that the dog is doing fine again, as the owner hasn't contacted the vet anymore. No more information expected. [Resont for use for product. Generic: LETO** VIGHTC,TAM,GRIPP,BRAT] KB Brand: NOBIVAL 14 SOXIDS 540 Reason: Vaccination] [State of health: Good]	r	08-Oct	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (03/06/2014- 03/06/2014)-BR>-BR>	A - Probable	

NORIVAC 14	DE-NLINTVINT-2014-DE-00721	Germany	Animal	Canine/dog	4 Year(s)	20/05/2014	18/06/2014		.l .l	22/04/2014	No. 100. 100. 10	Injection site abscess,Injection site	Other	SAR: On 20 May 2014 one dog was vaccinated simultaneously with Nobhac SHPPI and Nobhac L4 in Jack Russell 9.3 Nobhac L4 - 1 N/AN/A 24.1 Dose 8 - Possible
NORTHE D	S. N. IN VIII 2024 95-00721	Germany	Addition	Camiejuog	s (ea(5)	20/03/2024	26/06/2024			22,04,2024	NV-SEP-CHIN-NO CHIP-GENCHIN- SEP-GENCHIN SEP-GENCHIN KNOWN	ingconstat/piection side: socialization side socialization side	Guel	mode of the flant and concurrently with hobbus. The her side of the flank (unknown which on the mode of the flank) without stage years which which side, the day a presented to the well in the tale evening due to fever, fatigue and teme abdomen. The dog was treated with NSAD and antibiotic. On the side of
	DE-NLINTVINT-2014-DE-00802	Germany	Animal	Canine/dog		16/06/2014		3	1 0		R> No	Behavioural disorder NOS/Vocellaston/Impaired vision/Abnormal movement NOS/Lateral recumbency/Apathy/Foam in the mouth/General illness	Other	Suppered adversor exection: 3 paggies were vascrisated on 16 Jun 2014 in the aftermoon with holback of SPRP and Nobbuc of Lan maked Syring destra-bable use J. Dous lates, the owners came to the emergency service with a completely apathic animal, which was lying on the side with foam in front of the mouth. Prediction was administened. On 17 Jun 2014, the side sustain has improved, the animal had eather, but the general condition was still restricted. Worrying, On 18 Jun 2014, the dog was presented any animal had eather, but the general condition was still restricted. Worrying, On 18 Jun 2014, the dog was presented by the dog that the south prediction on the day of the vaccination (i.e. in the time between the vaccination and the reaction), the dog had played with its siblings in the garden. Phone call on 20 Jun 2014: the dog is presented every day, Screaming and running in circle; do not occur anymore since: 3 Jun 2014 and in the meantime, there is also already a slight shally to see again. The vet (who is not an expert in ophthalmology) couldn't find a primary reason. Start/Duration of symptoms: 16 Jun 2014. The dog was presented every day. Screaming and running in circle; do not occur anymore since: 19 Jun 2014 and in the meantime, there is also already as light shally to see again. The vet (who is not an expert in ophthalmology) couldn't find a primary reason. Start/Duration of symptoms: 16 Jun 2014. The dog was presented on the particle on 24 Jun 2014. Start / Duration of symptoms: 16 Jun 2014. The Jun 2014. The start was removed to the start
	DE-NLINTVINT-2014-DE-00806	Germany	Animal	Canine/dog		05/06/2014		1		11/06/2014	Known, GB-GBR -GB-GB-GB-GBP- Not Known, GB-CBB -GBR-GBR-GBP- No, GBR-GBR-GBP- No, GBR-GBR-GBR- Known, GB-CBB -GBR-GBR-GBR- No, GBR-GBR-GBR- No, GBR-GBR-		Not Known	SAR. A dog (Galge Espagnol) was vaccinated on 29 Arr 2014 and revaccinated on 05 Jun 2014 with Nobbac L. A. Dr. 11 Jun 2014 bat an epileptic science (ower offended by the post of the proposition of the control of the
NOBIVAC L4	DE-NUNTVINT-2014-DE-00933	Germany	Animal	Canine/dog	10 Year(s)	01/01/2014	10/07/2014	1	1 1	01/01/2014	Yes, Nes, R>SBR>CBR>Yes, SBR>ER>ER> ER>SBR> 	Motor neurone disease, Parahyis NOS-isiad imb NOS-isiad imb parahyis, Pohyadiculoneuritis, Muscl e wasting, Death by euthanasia	No Data	Notion Sept 10 2014 with received further details on patient and products. On 20 May 2018 the dog liablandors are excitated with blooks-1999 H. Alboland 4.4 Poliush 1.0 Fig. 10 m. 2014 the dog was succinated with blooks-1999 H. Alboland 6.4 Poliush 1.0 Fig. 10 m. 2014 the dog was succinated with Nobince IP + Nobince III. 10 (2012) 1.0 In the dog strated to throw progressive motor political for large interest of the production of the produc

NOBIVAC L4 DE-NLINTVINT-2014-DE-00968	Germany	Animal	Canine/dog		16/07/2014	16/07/2014	1	1 16/07/	R> Ye	NOS,Dyponee,Death,Malignant hyperthermia, lyperthermia, laeduc, d responses, Anaphylactoid reaction,Lateral reaction,Lateral recumbency, Convulsion, Coma recumbency, Convulsion, Coma	No Data	SAR. Aver called for advice because of a possible anaphylactoid reaction post vaccination. Vet reported that site accustanted the dig in the morning of 15 sil 2014 with Nobiau c.1 and Nobiau SHPPI. In the afternoon the animal owner called her because the dog showed lateral recumbency, was non responsive, had a high-grade deplones and temperature was elevated to 37 27°. Cowere poured or cold water, and the dog showed a bit improvement. The owner was advised to present the dogs to the vet, but owner was not willing to do 14th. Follow up from 21 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The dog was presented to the vet in the afternoon of the 15 Jul 2014. The present was presented to the vet in the afternoon of the 15 Jul 2014. The present was presented to the vet in the 15 Jul 2014. The present was presented to the vet in the afternoon of the 15 Jul 2014. The present was presented to the vet in the 15 Jul 2014. The present was presented to the vet in the 15 Jul 2014. The present was presented to the vet in the 15 J	Rottweiler	50	Noblwa L4 - 1,N/A/N, 2,4,1 Dose Once (15/07/2014) 16/07/2014⟩∈RR-NB-Noblwac SHPP1 - 1,N/A/N,2,4 1 Dose Once (16/07/2014-16/07/2014)-GR>-GR>-	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2014-DE-00982	Germany	Animal	Canine/dog		27/06/2014	24/07/2014	1		014 Yes	Pale mucous membrane, (ir.culator collapse (see also 'Neurological' and 'Systemic disorders')	y No Data	Follow-up 18 Aug 14. The clinic vet who saw the dog on the evening of the vaccination confirmed all information given. The dog was not treated in the clinic because it had already recovered. The clinic vet sees no connection between the reaction and the vaccination, but rather thinks it was a circulator, we already the control of the control of the vaccination of the control of the vaccination of the control of the vaccination of the dog thouser vaccination with Noblava L4 on 27 Jun 2014 at 18 p.m. Approximately 2-3 hrs post vaccination the dog showed symptoms similar to circulatory collapse, with pale mucosa, unsteady galt, durations some hours. On the way to the vet clinic (late in the night) the dog already recovered. According to attending vet: no treatment in the vet clinic performed, vet clinics suspicion in ploy outdoor temperature had played a role. Prior to vaccination blood test was performed and without abnormal findings. Flup expected. [Reasonfor use for product: Generic Lettor (2017 dLC) (ZAN, GRIPP, BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination) [State of health: Good]	Labrador Retriever	32	Nobiwa: L4 - 1,N/A/N,A 24,1 Dose Once (27/06/2014) 27/06/2014/-BR>-BR>	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2014-DE-01002	Germany	Animal	Canine/dog	3 Month(s)	23/07/2014	24/07/2014	19	1 1 24/07/	NO, R> NO 	3 Found dead	Other	Superted Adverse Reaction: 19 pupples were vaccinated on 23 Jul 2014 (approx. 16:00 p.m.) with Noblobac SHPP and Noblexe L1s simulations (EU) and Nobloxe T concurrently. At the evening all 19 pupples were lively and guzzled quite normally. On the next morning (21 Jul 2014) the dog breeder found one pupply edseth. The puppy was sourted in the meantime. Pathological evanimation not possible. No further information. Further information: This puppy had been vaccinated before on 26 Jun 2014 with an on-company vaccine (Eurican SHPH I. No Auther Information peepted. (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPPI J00/L03 127. Reason: Vaccination Generic: LEPTO*4 (ICT, OXIGRIP) RBRATU NS Brand: NOBIVAC L1 J00/L05 SQR Reason: Unknown.) [State of health: Good!	Yorkshire Terrier		Nobivac 14 - 1,N/A,N/A, 24,1 Dose Once (23/07/2014- 23/07/2014-RS~RB>Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (23/07/2014- 23/07/2014-BR>-MB>Nobivac T - 1,N/A,N/A, 24,1 Dose Once (23/07/2014-23/07/2014)-BR>-BR>	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2014-DE-01004	Germany	Animal	Canine/dog	12 Week(s)	16/07/2014	04/09/2014	1	1 0 16/07/	014 Not Known, GBR~BI	> result,Pancreatitis,General B illness,Electrolyte disorder,Elevated		SAR: On 15 MI 14 the dog (Dreed: Lagotto Romagnolo) was vaccinated with Nobios SHPP and Nobiosc LS Furthermore the dog was dewormed with an unknown product at the same time. (Four weeks before it was vaccinated with a non-company vaccine.) A few hours after the vaccination the dog was in a poor general condition (coded as general lines). On the next dig (17 Juli 1 started vomitting and was barely eating, but temperature was normal. At first, the vet suspected that the dog had not at leg or weight (From 26 To 5.7 kg), blood samples were taken and revealed strong elevation of lipace, amylase and CRP (Creactive protein, unspecific inflammatory parameter), and electrolive insialances. Therefore the vet disposed a pancreatist. Treatment: analgesic, ant-emetic, antibiotics, det. Since then the dog shows low grade improvement. Vets causally assessments is unclassified, but her after suspects the deworming to be a possible cause. Follow-up pending, Follow-up 26 Aug 2013. All blood parameters are within reference range again. The dog has fully recovered no symptoms any more. Revaccination on 25 Aug 2014 without problems. Case closed. (Reason for use for product. Genetic: DEPP 12 Branch Koldovic. 45 200125 S. 40	Other Canine/dog		Dewormer (unknown product) - NJANJAN/A J. Zuknówom (145/07/2014 - 160/7)2014 - 160/7)2014 - 160/7)2014 - 160/7)2014 - 160/7)2014 - 160/7)2014 - 160/7)2014 - 160/7/2014 - 160/	B - Possible	
NOBIVAC LA DE-NLINTVINT-2014-DE-01008	Germany	Animal	Canine/dog		22/07/2014	23/07/2014	1		014 Yes, < R> Ye	welling (see also Skin')Dysponea.Reddening of the skin,Iching.Swelling NOS.Allergic reaction	No Data	Follow-up 23 Jul 2014. The day received Alarax-s-labels phurana antimisamine product) for approx. 5 divides and so lony wilked on asphalls. Sewingings have ablated completely after 12 Johns (approx. 6 Johns 2014), since 19th 11 Johns 19th 2014. Since 19th	French Buildog		Nobbuc 14 - 1.N/A/N/A 24.1 Ose Once (22/07/2014) 22/07/2014;eRR-HBN-Nobbuc SHPPI - 1.N/A/A/A, 21 Disc Once (22/07/2014 22/07/2014) -RR-HBN-Nobbuc	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2014-DE-01034	Germany	Human	Human	5 Year(s)	01/07/2014	01/08/2014	1	0 01/07/	014 Not Known	Enteritis,Renal failure,Abnormal test result	Not Known	Numan symptomatic exposure. A 5-year old child is lyeig in the bogoltal with renal failur and intestina infolmmation, it is correly in the intensive care used and retend with intensive medicine. Renal-and lover-values are very bad. There is the suspicion of leptospirosis. The dog owner and the physicians see a relation between the disease and the showlock L4-accination of the dog which had been correctly performed (s.c.) by the vet on 17 Jul 2014 (fibs was the 3rd vaccination, dog had already been vascinated with Noblavo L4 two times before). The dog owner asked the vet, floreship eleptospirose were deficated by the dog due to the vaccination, As the vaccine is an inactivated vaccine, this could be denied, Furthermore no direct contact happened between the child and the vaccine. The child has recently spent a lot of time on a farm, which was cleared out, and where much faces of rodents is present. No more information expected, Resson for use for product: Generic. IEEE/OF4(IC_CAN_CRIPP_BERT) Its Brand: NOBIVAC L4 1001DS 540. Resson: Accidental Exposure)	Human	Not Known	Nobivac L4 	No assessment performed	

	DE-NUNTVINT-2014-DE-01077	Germany	Animal	Canine/dog	3.5 Year(s)		12/08/2014	1 1	ı o	11/08/2014	No, SR> No BR>No	injection site pain Tachycarda Pale mucous mucous membrane Vomiting, Trembling membrane Vomiting, Trembling	Other	Sak: Initially the vet reported a reaction seen in 6 to 7 dogs from which one dog (Bichon Frise) was affected more severyth with the others. Jesuille gather in formation was received for this dog. Interefore the case was entered as two cases: 2014-0-E-01077 (Bichon Frise, serious case) and 2014-0-E-01078 (Bighorimster) of dogs, various treesh, onn-erious case), on 11 4(2) 2014-0-B-01074 (Bichon Frise) with Noblava SiPPI and Noblava C. Isimultaneously mixed in one syringe (EUI). No reactions were seen during the vaccination and while the dog years was fine the vets proceeding the vaccination and while the dog years at home after being out for a walk it started to trembe, womitted once and showed pain at the nijections do no nare approximately hand pain sized. There was no welling. The dog was presented to the vere the objection of the size of the presentation of the size of the
	DE-NLINTVINT-2014-DE-01124	Germany	Animal	Canine/dog		05/06/2014		1 1	1 0		Not Known	Anxiety,Behavioural disorder NOS,Panting,Breathing difficulty	Not Known	SAR: A dog was vaccinated with Noblwac Ld on 09 May 2014 (without SAR) and booster vaccinated on 10 Sin 2014. The Ver Executed a fax from the animal owners: since vaccination the dog is flowed partial, and the same of the support of the commands of the owner any longer. A limit owner is well as useful for the last time in 2012, therefore the vect can only either formation of the flower and the dog is not easy because it is very snappy, it was examinated for the last time in 2012, therefore the vect can only either formation on the health status. [Reason for use for product: Generic: LEPTO*4[CT_CAN_CRIPP_BRAT] XB Band: NOBIVAC L4 10VIID5 540 Reason:
NOBIVAC L4	DE-NUNTVINT-2014-0E-01132	Germany	Animal	Canine/dog	11 Year(s)	15/06/2014	03/09/2014	1 1	1 0	15/06/2014	Not Known, Not Known, Not Known, SR> Not Known, SR> Not Known, Not Known	Alopecia general_Seborrhoea,Pustules,Pruritt s.Pyoderma_Skin scab	Not u Known	Reason for treatment, ectoparastic control suspected adverse reaction: Dog was treated mid of Jun 2014 with Brawced (to concentration was given so 1000 mg was stosen), Robbus or SPPH and Nobbus. 1.4. According to the pet owner the following symptoms started after this treatment: producing to the pet owner the following symptoms started after this treatment: ground the treatment with Brawceto (given by another vert). The reporting well is of the opinion that this reaction is due to the treatment with Brawceto (given by another vert). The reporting well is of the opinion that a pydodemia on the value is the cause of reaction which was distributed over the whole body by licking. 12 Brawceto 1000 mg (1 tablet) - (15/66/2014-18R-SP-NOBINAC L4 1000LDS 540 (FEE) - 1.11/A,N/A 24,Unisnovo until 15/66/2014-18R-SP-NOBINAC L4 1000LDS 540 (FEE) - 1.11/A,N/A 24,Unisnovo until 15/66/2014-18R-SP-NOBINAC L5 (FEE) - 1.11/A,N/A
	DE-NLINTVINT-2014-DE-01145	Germany	Animal	Canine/dog		25/08/2014		1 3				Increased heart rate. Reddening of the skin, Itching. Red mucosae, Cyanoisis, Chattering of teeth. Conjunctival oedema. Anaphylactic shock. Breathing difficulty. Prolonged capillary refill time	Other	SAR. A dog (Portshire terrier, 4 kg) was vaccinated with the pointed point of points point vaccination when animal simultaneously (not vaccinated with these products fader), a Bomitters post vaccination when animal reprint vaccinated with these products fader), a Bomitters post vaccination when animal reprinted products fader), a Bomitter post vaccination when animal showed in reacting reprint points post vaccination (Research Part Part Part Part Part Part Part Part
NOBIVAC L4	DE-NUNTVINT-2014-0E-01174	Germany	Animal	Canine/dog	8 Year(s)	25/08/2014	22/09/2014	1 1	1 0	27/08/2014	Yes	Injection site necrosis, injection site swelling, Skin oedema, Fever, injection site seroma	No Data	SAR: Approximately on 25 Aug 2014 a dog (Cocker Spaniel) was vaccinated with Noblave L.H. Two days of the farther vaccination local swelling lopporumately 45-cm) gapered at the injections Intelligence of the facilities of the control of the facilities of the facil
NOBIVAC L4	DE-NLINTVINT-2014-DE-01188	Germany	Animal	Canine/dog	4 Year(s)	01/09/2014	13/10/2014	1 2	1 0	06/09/2014	Not Known, «BR-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-	Leucocytosis, Tary or black stole (see also haemorthage darrhoea) Blindress, Retinal deutherness, December and appetite, Letharry (see also Central renous system depression in 'Neurological'), Weakness, Fever, Re- enerative anemal, Patronia Lest result, Elevated the result, Elevated the manyine, Shormal radiograph finding, General Illeria, Peterbiae NOS, Amemia NOS, Thrombocytopenia	Not Known	SAR: A day was vaccinated with Nobive LIA, Nobive SHPPI and Nobive CT not 15ep 2014. According to the vaccination day, but according to vet the day did not show any abnormality in the general health the vaccination day, but according to vet the day did not show any abnormality in the general health of the vaccination day, but according to vet the day did not show any abnormality in the general health. To standard the vaccination of the vaccinatio

	DE-NLINTVINT-2014-DE-01197 DE-NLINTVINT-2014-DE-01279	Germany	Animal	Canine/dog	4 Month(s)	29/08/2014 17/09/2014	08/09/2014	1 1	0 29/08/201	4 No, <arrangement no,<arrang<="" no,<arrangement="" td="" =""><td>Tachycardia, Hyperaemic mucosae, Wealnes, Anaphylactic shock, Apathy, impaired consciousness Tonic-clonic seizure</td><td>Other No Data</td><td>Suspected Adverse Reaction: A puppy had been vaccinated for the first time at the breeder, then on 30 Ministure UI 2014 in the very particle with Nobloac Self-Prisa Advisional. Cell in a mixed syringe (Fact-Isabel use) and UI 2014 in the very particle with Nobloac Self-Prisa Advisional. Cell in a mixed syringe (Fact-Isabel use) and UI 2014 with the same combination of vaccines, approx. 10 minutes its eff the pupp repetitive called in export that export. In the cell particle was not measurable, Leth-ycardial, was had "vout of things". Teatment with oxygen, (drip) infusion and Urbason interthylerediosolon) was performed. After approx. 15 minutes to 150 minutes late! It was better again, after approx. 15 morth page byte with the very page in the</td></arrangement>	Tachycardia, Hyperaemic mucosae, Wealnes, Anaphylactic shock, Apathy, impaired consciousness Tonic-clonic seizure	Other No Data	Suspected Adverse Reaction: A puppy had been vaccinated for the first time at the breeder, then on 30 Ministure UI 2014 in the very particle with Nobloac Self-Prisa Advisional. Cell in a mixed syringe (Fact-Isabel use) and UI 2014 in the very particle with Nobloac Self-Prisa Advisional. Cell in a mixed syringe (Fact-Isabel use) and UI 2014 with the same combination of vaccines, approx. 10 minutes its eff the pupp repetitive called in export that export. In the cell particle was not measurable, Leth-ycardial, was had "vout of things". Teatment with oxygen, (drip) infusion and Urbason interthylerediosolon) was performed. After approx. 15 minutes to 150 minutes late! It was better again, after approx. 15 morth page byte with the very page in the
		Germany								R> Yes, BR> Not Known		NO Data	SiPP and Nobivac L4 by the vet and was given a non-company dewomer by the owner on the same day. On the next day (15 Sep) the organ but thiost-clonic convolktions. Thereafter, he was ok again without therapy. No more information available or expected. [Reason for use for product: Generic LIPPI LV Branch NOBIVAC SIPPI SOXIDS 500 Reason. Vaccination Generic: LEPPI CLIFT, CANAGEN/BRAIN BRAIN STORMACK IN ASTORMACK SIPPI SOXIDS 500 Reason. Vaccination Generic: LEPPI CLIFT, CANAGEN/BRAIN BRAIN STORMACK IN ASTORMACK SIPPI SOXIDS 500 Reason. Unknown. Generic: LEPPI CLIFT, CANAGEN/BRAIN BRAIN STORMACK ASTORMACK SIPPI SOXIDS 500 Reason. Unknown. Millemax: Reason: Endoparasitic control] [State of health: Good] My. All Unknown unknown (17/08/2014-17/08/2014)-8RP-SRP-
	DE-NLINTVINT-2014-DE-01356	Germany	Animal			02/10/2014		1 1	U 02/10/201	4 No, CBR>CB R>CBR>CBR>No, CBR>CBR>CBR> BR>CBR>Yes	diarrhoea,Weakness,Fever,Digestiv e tract hypermotility	Other	SAR: Pupp (13 wesk) was vaccinated for the first time with Noblwac SHP and Noblwac L to Willound Intelligence (19 Carl 20 And And State Carl 20 And And State Carl 20 And And State Carl 20 And And
NOBIVAC L4	DE-NLINTVINT-2014-DE-01368	Germany	Animal	Canine/dog	3 Month(s)	28/08/2014	11/12/2014	1 1	0 20/09/201	4 Not Known,-BR>
 Not Known</br 	Comeal disorder NGS, Corneal oedema, Juveltis, Albnormal test result	Not Known	Suspected Adverse Reactions A dog was succinated on 28 Aug 2014 for the first time with Nobbusc 18 Pill Pall Advisors (A-proximately 3 besides 14 for developed coreas-edeem with weels. The vet of German 24 April 2014 (A-proximately 3 besides 14 for developed coreas-edeem with weels. The vet of German 24 April 2014 (A-proximately 3 besides 14 April 2014 (A-proximately
	DE-NLINTVINT-2014-DE-01384	Germany	Animal	Canine/dog		06/10/2014	, , ,	1 1	0 07/10/201		swelling,Deafness,Partial deafness	No Data	SAP: Dog was vaccinated with Nobinac Pi and Nobinac L4 on 05 Oct 2014. Its unknown if product was tends in unknown. Or Oct 2014: swelling on injection site (neck, as big as a fix), dog was deaf. 17 Oct 5pringer 2014: swelling central products (seeming contrained decreased, theretapy, predictioner. Case closed. (Reason for use for product: Generic CAININE PARAINFILIPACAL V Brand: NOBINAC II DIXIDS 200 Reason: Vaccination Generic: CAININE PARAINFILIPACAL V Brand: NOBINAC L4 10X1DS 540 Reason: Vaccination (State of health: Good) Vaccination (State of health: Good)
	DE-NLINTVINT-2014-DE-01404	Germany	Animal		16 Month(s)		16/10/2014	1 1		R> Yes, < BR> Yes	Angloedema,Anaphylactic shock	No Data	Sup Adverse Reaction: On 10 Oct 14 a Pug was vaccinated with Nobinas SHPR, Nobinas L 4 and Nobinas C 14 and
	DE-NLINTVINT-2014-DE-01414	,	Animal	Canine/dog		16/10/2014	17/10/2014	1 1		R×BR×BR>Yes, <		No Data	Sup Adverse Reaction: On 16 Oct 2014 a dag (Pug) was vaccinated with Noblax - SHPP, Nobbrac 14 Pug and Nobbrac T. Popular post vaccination the dog showed weelings in the face (eyes and flews), swelling and licking of the paws. The day was treated with Predictionore intravenously by another vest and within another half an hour it had fully recovered. No more information expected. This case is limited to case 2014-0F-0145. [Reason for use for product: Generic: DHPP II V Brand: NOBINAC SHPP DIXIOS 500 Reason: Vaccination Generic: LEPTO*4[CT,CAN,GRIPP_BRAT] XB Brand: NOBINAC 4 STORAGE SHP REASON. Generic: LEPTO*4[CT,CAN,GRIPP_BRAT] XB Brand: NOBINAC 500 Reason: Unknown. Generic: ABIETS IN AU ADJUVANT XV Brand: NOBINAC TO SOURCE SCORE Reason: Unknown.] (State of health: Unknown)
NOBIVAC L4	DE-NLINTVINT-2014-DE-01415	Germany	Animal	Canine/dog	12 Week(s)	13/10/2014	17/10/2014	1 1	0 13/10/201		Facial swelling (see also 'Skin').Local swelling (not application site).Licking	No Data	Sup Adverse Reaction: On 13 Ort 2014 a dog (Bernese Mountain Dog) was succinated with Nobinacy Bernese Mountain Dog Step Nobinacy Land Mobinacy 1, Agronizately half an hour pass vaccination the log glowed sealings in the face (yees and flews), swelling and ficking of the pass. The dog was treated with Pediatolone intravenously by another vet and within another half an hour it had fully recovered. No more information expected. This case is linked to case 2016-02-0141. [Reason for use for product: 17/14/10/2014-13/10/2014-

NOBIVAC L4	DE-NLINTVINT-2014-DE-01416	Germany	Animal	Canine/dog	3 Month(s)	27/10/2014	20/10/2014	6 6		14 Yes Yes R>SR>Ye	B Deafness Facial oedema, Weakness, Collapse	No Data	Suspected Adverse Reaction. After vaccination of a littler of 6 Dogo Argentino puppies on 0.01 C01.2014 with Nobitos: S1 and Nobisva. C4. He puppies got deat. The first vaccination on 1.2 Mig 2014 had been performed with product from another company. According to the breeder, the hearing of all puppies had been oakly before the vaccination, the breat vaccination, the breeder noted that all puppies were deaf. One of the puppies was examined in the practice on 13 Cct 2014: deafness was confirmed, otherwise on abnormalities. On 20 Cct 2014, the vect called the breeder and was informed that the puppies partially hear again. According to the vet, the breeder has at least one blick which is deaf, but the family relation to the concerned puppies is unknown. The vet actingly doesn't see a relation to the vectorised puppies with the vectorise of the vet of the present of the vectorise of the vet of	n Canine/dog	Not Known	Nobiwa: (4 - 1.N/A,N/A, 2.4,1 Dose Once 1.Animal (10/10/2014- 10/10/2014- 10/10/2014-18R-4BR-Nobiwa: SHP-1,N/A/A/, 2.4,1 Dose Once 1.Animal (10/10/2014-10/10/2014)-BR-4BR-4BR-10/10/2014-10/2014-10/2	B - Possible	
										R> Ye >BR> 	s, (see also 'Cardio-vascular' and 'Systemic disorders'),Pale mucous membrane		Ton 27 oct 2014, the pug collapsed and was floppy with pale mucosa. Thereafter therapy was applied with desembasione, volume substitution and oxygen. Then in the evening it developed a facial oxedema and then again received predissions. On the following day, the oxedema had nearly disappeared. The dog was okay again after 1.5 days. The vet doesn't know, if the dog had already bee vaccinated with Nobbus Defore. No more information expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBINVAC SHPPI 10XIDS 127. Reason: Vaccination Generic: LEPTO*4[ICT_CAM_GRIP_BRAT] IS BRATE NOBINVAC LIVENS 540 Reason: Unknown. Generic: RABLES IN ALU ADJUVANT KV Brand: NOBINVAC 10XIDS 620 Reason: Unknown.] [State of health: Good!	n		Once 1 Animal (27/10/2014- 27/10/2014) -RN-Nobivac SHPPI-1.N/AN/A,24,1 Dose Once 1 Animal (27/10/2014- 27/10/2014) -RN-Nobivac T- 1.N/AN/A,24,1 Dose Once 1 Animal (27/10/2014-27/10/2014) -BR>		
NOBIVAC L4	DE-NLINTVINT-2014-DE-01457	Germany	Animal	Canine/dog	12 Week(s)	28/10/2014	13/11/2014	1 1	0 28/10/2	14 Not Known, <bi > <br Not Known</br </bi 		Not e Known	SAR: In 2014 a dog was vaccinated with Nobbac SHPI and Nobbac Lt. 10 minutes later it showed stageging was 1004 and had pale mucosa. No durber information in the moment. Follow up from Q4 Nov 2014: The vet forwarded further treatment details. Symptoms: seemed to be an anaphylactoic reaction. Treated with Desamethasone. Owner did not contact the vet again, dog supposed to be recovered. [Reason for use for product. Genetic: DHPI V Branch NOBINAC PRIP 10xIDIS 122 Reason: Vaccination Cister of health. Good	Other Canine/dog	3	Nobivac L4 - N/A,N/A, 24,Unknown Unknown (28/10/2014- 28/10/2014)-BR> Nobivac SHPPI - N/A,N/A,N/A, 24,Unknown Unknown (28/10/2014- 28/10/2014)-BR> 	B - Possible	
	DE-NLINTVINT-2014-DE-01476	Germany	Animal	Canine/dog	3 Year(s)	14/10/2014		1 3	1 20/10/2		Epileptic Secure Falling, Disorientation, Death by exthanasia, Abnormal test result farian disorder NOS, Tense muscles	No Data	Sappected Adverse Reaction: A Yorkshire Terrier was vaccinated on 14 Oct 2014 with Nobback L6, Agrorx. Level kine, on 20 oct 2014 during the night, the 60 paid a seizure like epileny, it topped over, the legs were stretched, dog showed defectation and urination, according to the owner this last for aprox. 5.10 minutes. Thereafter, the 60 goas still slightly disoriented, but recovered again. The same symptoms occurred in total in 3 consecutive rights. On 29 Oct 2014, the dog was presented at the vet practice. the clinical examination, but not sound, heart examination and blood examination was without findings, except low-grade crystalline sedimentations in the kidney (ultra-sound). No therapy was performed. On and 2 Nov 2014 during the right, spain seizure occurred; it is planned to start at therapy with an antiepleptic. It is not clear yet, if further diagnostics will be performed. Additional info cog had received the basic immunization in Oct 2013 with Nobbuc L4. So far, no reactions to vaccinations and no other desired and the start of the start of the start of unitariation in classification. Search for unitariation is of the start of the start of the start of vaccinations and no other as trutter was bloom the head with supposition of them. Or Homogain of the head. Resist at structure was flowed in the head with supposition of them. Or Homogain the clinic for reactions, therefore the practice has no obtailed further information. However the purchase closed. [Research of use for product Generic LEPTO-4(T,CAM),GBIPP,BRAT) ISI Branct. NOBINAC L4 SDX1D5 540 Reason: Vaccination] [State of health: Good]	Yorkshire Terrier d	4	Once 1 Animal (14/10/2014- 14/10/2014)-BR>-BR>	N - Unlikely	
NOBIVAC L4	DE-NLINTVINT-2014-DE-01508	Germany	Animal	Canine/dog	4 Month(s)	12/11/2014	12/11/2014	1 1	0 12/11/2	14 Yes, PYe R×BR>BR>BR>E BR>CBR>BR>BR>BR>BR>BR>BR>BR>BR>Yes		No Data	Supp Alverse Reaction. On 12 Nov 2014 a Shiba in upuppy was vaccinated with Nobivac T, Nobivac SPRP and Nobivac, I. The dop had previously been vaccinated with Nobivac I and Nobivac SPRP size Nobivac SPRP and Nobivac. SPRP 3 and Nobivac SPRP 3 weeks before. Approx 2 hours post vaccination the dop had a strong facial swelling, the eyelids were completely shut due to the swelling and also the nose bridge was swellen. No registratory problems. The dop was treated with Prediction In mg/kg intramaccularly and Amoucillin. Approx 4-5 hours later the dop had completely recovered. No Intert information a peeper call. Reason for use for product. Genetic: RABIES IN ALI JADIVANT FV Branch YOBIVACT SYXIDS 520 Reason: Vaccination Genetic: LEPTO*4(CT_CAN_CRIPP_BRAT) KB. Branch: NOBIVAC L4 SIXXIDS 540 Reason: Unknown.] [State of health: Condition.]	Shiba Inu	4.3	Nobivac L4 - 1.N/AN/A, 24.1 Dose Once 1 Animal (12/11/2014- 12/11/2014)-61R8BR-Nobivac SHPPI - 1.N/AN/A, 24.1 Dose Once 1 Animal (12/11/2014- 12/11/2014)-BR>-BR>Nobivac T - 1.N/AN/A, 24.1 Dose Once 1 Animal (12/11/2014-12/11/2014)-BR>-BR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2014-DE-01511	Germany	Animal	Canine/dog	Not Known	07/10/2014	12/06/2015	1 3	0 10/10/2	14 Yes, GR>GR> R>GR>Ye	B Hearing decreased	No Data	Sappeted Adverse Reaction: A tog (large mixed-breed) was vaccinated with Nobivac BBP1 and Nobiva La on 70 ct 2014. On 31 Ct 2014, the Gow was presented to the vet with reduced hearing ability with had been ongoing since approx. 3 weeks. The clinical examination on 31 Ct 2014 was incorspicuous, treatment with Karisan was a spilled: The vet talked on the phone with the owner on 10 Nov 2014 for the last time, then it was already slightly better. The age of the dog is unknown, it was estimated to a birth date of approx. 2008, but could also be older. On 4 Nov 2013, the dog had sob been vaccinated with Nobivac BBP1 and Nobivac L4 without problems. Attending vet's causality assessment: causafsilable (ben atthe warred to ask if such a reaction is known than to report an adverse reaction). Start / Duration of reaction: approx. 3 days after vaccination / orgoing. Follow-up information is expected. Follow-up from 12 Jun 2015: The vet had assumed a soon recovery, so it had been agreed that the should inform us if the situation should worsen (against expectations). The vet haanst contacted us anymore since the Cause is therefore colosed. [Reason of ruce for product: Genetic: BCANINE? / M LBAV Branck NOBIVAC BBP1 3XIDS-5XIDS DIL 122 Reason Vaccination Genetic: LBTO-04(ECAL, MSARP) BABAI NB Branch NOBIVAC La 10xDIS 540 Resour Unknown.]	c Crossbred	34	Noblact BEP: -1,1/L/N/N A 24,1 Dose Once 1 Animal (07/10/2014- 07/10/2014-07/	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2014-DE-01569	Germany	Animal	Canine/dog	3 Year(s)	21/11/2014	11/12/2014	1 1	0 22/11/2	14 No, No	Epileptic seizure	Other	NOR AT RESIDENCY (2000). NOR AT RESIDENCY (2000). SOED AT RESIDENCY (2000	French Bulldog	12.5	Bobbuc L4 - I.N/AN/A 24.1 Doc- Orce 1 Anima IL/II/1/2014 - Core 1 Anima IL/II/1/2014 - 21/11/2014-SBN-488-NebNobbuc Pi- 1.N/AN/A 24.1 Doss Once 1 Animal IL/II/1/2014-21/11/2014-BR-4BN-	O - Unclassifiable/unassessa ble	

NOBIVAC L4	DE-NLINTVINT-2014-DE-01590	Germany	Animal	Canine/dog	12 Year(s)	20/11/2014	26/11/2014	1 1	0 23/11/20	A Not Known,
SBZ~SBZ Not Known, >SBZ >SBZ~SBZ Not Known</br 		Not	FIL 19 Dec 2014: Since then the vet was difficult to contact again. On 19 Dec the vet reported that in the meanwhile (date not further specified, so Dec 2014 was enteredl the dog was doing files. For the vet the cause of the reactions still remains suclear. Case closed. Sup Adverse Reaction. On 20 Nov 2014 a dag (Dachhard Milk) was vaccinated with Noblows 24 Phy. Noblows Lt and Noblwar Tby another vet. On 23 Nov the reporting vet was informed by the owner that the dog was volunties, On 24 Nov the dog was reluctant to move and was presented to the vet with low-grade hyperthma (39.3°C). conjunctual edema (chemosis) and reddening of the skin at the abdomen and the ears. The dog was straining to eliminate feces, but there was none (coded as faceal impaction). It was treated with Baylar and Novalgin but barrly improved. In the evening of 25 Nov the dog showed laboured breathing, according to the vet had developed a lung oedema. Bloods were taken: Albumin and total protein were strongly decreased and also imprinced was strongly decreased and also imprinced was a strong occurrence of gastrointestinal infections in that are at the moment. No uptake of foreign body or toxic substance had been noticed. On 27 Nov the reddening was its and the dog was doing better but body temperature was still elevated. Assessment of the reporting vet is "O' unclassified." If yie is expected. [Reason note of one for perforduct. Genetic: DHPF1 U Rand: NOBIVAC T SONIDS 520 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 520 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 520 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 520 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 620 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 620 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT] NS Brand: NOBIVAC T SONIDS 620 Reason: Vaccination Genetic: LEPTO*4[CT,CAN,GRIPP BRAT]	Other Canine/dog	13	Nobbac L4 - N/AN/AN/A N/AU/AIndrown Unknown (20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014- 20/11/2014-		
	DE-NUNTVINT-2014-DE-01594	Germany	Animal	Canine/dog		25/11/2014	02/12/2014		0 22/11/20	4 Yes, GBR-GBR-GB F-GBR-GBR-VE GBR-GBR-VE GBR-GBR-VE GBR-GBR-VE GBR-GBR-VE GBR-GBR-GBR-GBR-GBR-VE GBR-GBR-GBR-GBR-GBR-VE	Anaemia NOS_Leucocytosis_Neutrophilia_Paraplegia_Weahness_Fever_Nos aplegia_Weahness_Fever_Nos aplegia_Weahness_Fever_Nos aplegia_Weahness_Fever_Nos node_Hypoalbuminaemia_Haematu ia_Decreased red blood cell count	No Data	Sup Adverse Reciction: On 11 Nov 2014 a PT Bull was vaccinated with Nobvac LA, Nobvac SIPP and Nobvac T. On 27 Nov 14 the dog was presented to the vet with New 40 2°C, Veakenss and low-grad swelling of the mandibular lymph nodes. The dog was treated with Novalgios subcutaneously and Novaminusfilm statists were given for further treatment at Inome. First, the dog slightly improved, but then the fever went up again. On 23 Nov bloods were taken: teucoprosis 15.5 (ref. 6-12) was seen. Additional treatment with Annoxidial Lovalunia cade. On 24 Nov antibiotics were that superficial serviciously stopped after 13). The dog was hospitalized. On 26 Nov the dog showed haematuria and anamela (NCT 4-2), Bloods on 26 Nov howed increased leavecoptosi 23.9. On 79 Nov the dog stopped asters 13). The dog was hospitalized. On 26 Nov the dog showed haematuria and anamela (NCT 4-2), Bloods on 26 Nov howed increased leavecoptosi 23.9. On 79 Nov the dog stopped sating, Bloods on 26 Nov howed increased usercoptosi 23.9. On 79 Nov the dog characteristic control of the control of	Other Canine/dog	29.4	Nobivar L4 - 1N/N,N/A 241 Dose Once 1 Animal [11/1/2014- 11/11/201	O- Unclassifiable/unassessa ble	
								1 1		R> No	also "Cardio-vascular" and "Systemic disorders"), Death Fuer, Not eating, Almormal test result, Genera illness, Haemolysis	other	Nobivac I. On 7.5 Nov 2014 in a mixed syringe (extra-label usol.) Approximately 2 days after the vaccination, the dog showed a promounce hemotylic anamein, (ever, didn't ext, blood examination revealed hemotylis, dicreased erythrocytes (= namein), the values got worse from day to day and the general condition pot worse as well. Therapy with continuous was applied, but the treatment didn't help. As further diagnostics, a test for antinuclear antibodies (JANa) and a Coombs-test were performe and both were negative. The owners reflected more diagnostics of therapy, On 3 be 2014, the day superiented in the practice for a control-theck (possibly euthanssis) and collapsed on the table and ded Attending vet's causalty assessment for both vaccinest; undestable. Additional for the dog had not been in a foreign country. Start / Duration of symptoms: approximately 27 Nov 2014 / 3 Dec 2014. PARAINILIEUZAL V Board. NOBINAC P. LIDIOIS 500 Resours - Vaccination Genetic LEPTO*4(CT_CANCRIPP.BRAT) KB. Brand: NOBIVAC L4 50XLDS 540 Ressor: Unknown.] [State of Jestits: Gnood!	Shepherd Dog	45	Once 1. Animal (25/11/2014 55/11/2014@RS-RBN-blobius PI- 1,WA.WA, 24, 1 Dose Once 1 Animal (25/11/2014-25/11/2014)-BRBR-		
	DE-NLINTVINT-2014-DE-01613	Germany	Animal			13/11/2014	28/11/2014	1 1		4 Not Known	Megaoesophagus, Cough, Inappeten ce, Pyrexia	Not Known	Suspected Adverse Reaction: A dag was vaccinated with Nobivac L4 on 13 Nov 2014 for the second time (pearly continuous vaccination). If had received the first vaccination with Nobivac SPPR, Nobivac T and Nobivac L4 on 16 Oct 2014. On the same day after the vaccination, the dog showed pyrexia, inappetence, cough and megaeoesophagus. End of reaction: 21 Nov. 23(a fogr ecovered). No more information expected, asse closed. (Reson for use for protted: Generic: LEPTO*4(ICT_CAN_CRIPP_BRAT) KB_Brand: NOBIVAC L4 10XLIDS 540 Resson: Vaccination) [State of health: Good!	Crossbred	9.8	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (13/11/2014- 13/11/2014/ -BR> -	A - Probable	
NOBIVAC L4	DE-NLINTVINT-2014-DE-01660	Germany	Animal	Canine/dog	6 Year(s)	11/12/2014	11/12/2014	1 1	0 11/12/20	Known,
 <b< td=""><td>rate,Vomiting,Urticaria,Hyperaemic</td><td>No Data</td><td>Superted Adverse Reaction: On 11 Dec 2014 a dog was succinated with Nobbac L4, Nobbac SHPFI and Nobbac T. No condition of the dog part or succination was reported as good although it was also resported that the dog had calculus with low-grade grigivitis and inflammation of the pens tip, which was treated with a local arbibotic for drying off covae, on the day of vaccination. Aprox 1-2 hours after the vaccination the owner phoned the ver that the dog was presented to sheev the dok-approx 3 hours later the dog was presented to the even the real real real real real real real rea</td><td>Beagle</td><td>22.8</td><td>Local antibiotic for dyring off cove (Euterlingkit) - M(NA)AM/A 2,3 Uniknown Unknown U11/2/2014 13/1/2/104/6-88-Nbobbus (L = 13/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014/6-88-Nbobbus (L = 13/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 34/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 13/1/AN/A, 2,4 I Dose Once 1 Animal (11/12/2014-11/12/2014)-88-SR-</td><td>B - Possible</td><td></td></b<></br 	rate,Vomiting,Urticaria,Hyperaemic	No Data	Superted Adverse Reaction: On 11 Dec 2014 a dog was succinated with Nobbac L4, Nobbac SHPFI and Nobbac T. No condition of the dog part or succination was reported as good although it was also resported that the dog had calculus with low-grade grigivitis and inflammation of the pens tip, which was treated with a local arbibotic for drying off covae, on the day of vaccination. Aprox 1-2 hours after the vaccination the owner phoned the ver that the dog was presented to sheev the dok-approx 3 hours later the dog was presented to the even the real real real real real real real rea	Beagle	22.8	Local antibiotic for dyring off cove (Euterlingkit) - M(NA)AM/A 2,3 Uniknown Unknown U11/2/2014 13/1/2/104/6-88-Nbobbus (L = 13/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014/6-88-Nbobbus (L = 13/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 34/1/AN/A, 2,4 I Dose Once 1 Animal 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 11/12/2014-88-Nbb-bobbus C = 13/1/AN/A 13/1/AN/A, 2,4 I Dose Once 1 Animal (11/12/2014-11/12/2014)-88-SR-	B - Possible	

	DE-NLINTVINT-2014-DE-01661	Germany	Animal	Canine/dog	11 Year(s)	02/12/2014	07/07/2015	1	0	03/12/2014	Tes	Behavioural disorder NOS,Restlessness,Arrhythmia,Tachy cardia,Cardiac disorder NOS,Weakness	No Data	Suspected Adverse Reaction: On 28 Oct 2014, the dog received Nobius L 16 for the first time in the course of a vaccination with Nobius 247, Robbuse L 14 and Nobius T. Then on 20 Dec 2014, the booster-vaccination with Nobius AL (alione) was performed. At the association prior to vaccination, there had been on special indings. The owners are physicians. On the day after the vaccination (33 Dec 2014), the dog was floppy. The owners themselves associated the heart and noted an arrhytimia. In the following days, the dog was restless. On 11 Dec 2014 the animal was presented in the practice where a tachy-arryhtmia with split first heart-rone was noted (susption of imporardits). The owner described the animal as languight cretises. On 11 Dec 2014 the animal was presented in the practice where a tachy-arryhtmia with split first heart-rone was noted (susption of imporardits). The owner described the animal as languight cretises, with change character. The language was without special findings, the temperature was without special findings, the temperature was without special findings, the temperature was without special findings, the state of the special findings of the spec	Labrador Retriever	Not Known	Nobbac 14 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (2012/2014- 02/12/2014) = BR~& BR>	B - Possible	
	DE-NLINTVINT-2014-DE-01670	Germany	Animal	Canine/dog	6 Year(s)	05/03/2014	10/01/2015	1	1 1	06/12/2014		Anaemia NoS,Thrombocytopenia,Vomiting,B lood in vomit,Dilguria,Renal failue,Death by euthanasia,Lack of efficacy,Liver failue,Peath by eathanasia,Lack of efficacy,Liver failue,Apathy,Ahormal test result,Elevated liver enzymes,Elevated renal parameters	No Data f	Susp Lack of Expected Efficacy On 0.4 Feb 2014 and 0.5 Mar 2014 a dog Gynriger Spaniel) was vacinated with Nobuce L16 or basis furnimuration by another vet. Condition prior to treatment is therefore unknown, but described as healthy by the reporting vet, who is a friend of the owner. The dog had been vaccinated on a regular basis with Nobbace Legto as well as with hor-company Leptospriosis vaccines before. Approx on 05 Dec 2014 the dog started to show symptoms of Leptospriosis vaccinemeding with vomiting. Since that time point the dog deteriorated very quickly and was forwarded immediately to the university hospital. There, the dog was treated until on 10 Dec 14 he showed renal and life failure and spit blood, so the dog was euthanized on the same day. PCR diagnostic confirmed Leptospriosis. The serovar(s) involved are unknown. Additional information: The dog had come from Matta 4 years ago Follow up expected. PU 10 Jan 2015. We received confirmation of the information given and further case details by the university clinic where the dog had been treated. The dog had been presented in the clinic on 70 Dec 14 with acute vomiting and pasthy. Laboratory test results revealed acute renal failure, elevated liver values, thrombocytopenia and anamein. PCR for 1 cropspriosis in the blood was positive, in the university elicine desires the renal values increased (oliguma) and on 10 Dec the dog was euthanized due to suspected lung bleeding. Case closed. [Reason Four Sero for product. Generic: LEPTO*4 (ECT.AK) GIRPP/BAT) KB Brand: NOBIVAC L4 SOX1DS 540 Reason: Vaccination] [State of health: Unknown]	Other Canine/dog	Not Known	Nobbac L4 - 1,N/A/N, A2A, 10 se Once 1 Animal (503/2014- 05/03/2014) ∈ BR~∈ BR>	B - Possible	
	DE-NLINTVINT-2014-0E-01679	Germany	Animal	Canine/dog	15 Month(s)	15/12/2014	16/12/2014	1	1 0	15/12/2014	NO. 	Periorbital ocdema_Urticaria_Vaginal swelling_Reddening of the swelling_Reddening of the skintzhing_Local swelling (not application site)	Other	Superetal Adverse Reaction: On 15 Dec 2014 in the morning lapprox 8.45 - 9 a.m.) a dog [Rug] was vaccinated with Notwos: SPIPP and Nobbuck 14 imultaneously mixed in one syrings [EU].) In the evening of the same day (approx at 6.30 p.m.) it developed allergic symptoms: reddening and swelling of the muzile and eye area. An homeopathic antiallegenic day was given and improvement of the symptoms occurred. Then however, swelling in the vaginal area, urticaria over the whole body and litting occurred lapprox at 9.00 p.m.) Professiolon was given on 16 Dec 2013. It does go aren for a control-heck and everything was fine again. There was no reaction at the injection site. The owners propried that they had bought a new cheap dog basister from the internet and the dog dam folded at It. The owners and the vet don't exclude that the allergic reaction has occurred as a consequence of that or that the dog had owned and the dog will be monitored. The vet will contact us if the dog bound react again. The basket was removed. Previous vaccinations had been performed on 19 Nov 2013 with a vaccine from Viriac and on 13 Dec 2013 with a vaccine from Merial without problems. Sart / Jouration of symptoms: approx. 10 hours after vaccination fread the case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC L4 SOX105 540 Reason: Unknown.] [State of health: Good]	Pug	9.5	Nobbac 14 - 1.N/N/N 2.4.1 Dose Once 1.Animal [151/2/2014- 15/12/2014-8R-Nobbac SHPP - 1.N/AN/A_2.1 Dose Once 1 Animal [15/12/2014- 15/12/2014-8R-XBP	B - Possible	
	DE-NLINTVINT-2014-FR-00785	France	Animal	Canine/dog	6 Month(s)	21/07/2014	05/09/2014	1	1 1	11/08/2014		Not eating, Mucosa peterchiae, Ahromat lest result, Pale mucous membrane, Bloody diarrhoes, Yomiting, Letrus, Not drinking, Death, Weakness, Lack of efficacy	No Data e	On 21 Jul 2014 a puppy was revaccinated with Nobius L 4 in German, Previous vaccination on 16 is in 2014 with Nobius Cas PIPP, Robbus L 4 and a non-company rabes vaccine had been without problem. After the second vaccination the owners went on holiday to France with the dog. On 11 Aug 2014 the owners phoned the vet and reported that the dog showed vorniting and bloody diarrhee, would not eat and drink, was weak and had palle mucous membranes. The dog was presented to a vet practice and then a vet clinic in France. On 12 Aug the mucous membranes had become circler with preckchiae. The dog was treated with infusion, Augmentan, MCP, a spasmolytic, and analgetics. On 13 Aug the dog ded Lufrie and blood samples were tested positele for Leptopira interrogate by PCF. The servorsar involved were not determined. Additional information: The dog had a lameness due to a swelling of the knee joint after at arunan shortly before the reveactionation and was treated with Previous. At the time of the vaccination the knee was still slightly swollen, but otherwise the dog was healthy. No postnorner was performed. The vet's causality assessment to cunclassified. No more information expected. Duration of reaction: 2 Days Reason for treatment: Vaccination Outcome of SAR: Indissovable.	Labrador Retriever	16.3	NOBIVAC L4 - N/A.N/A.N/A. N/A.1 Dose; duration: Once; (21/07/2014- N/A)-BR>-BR>	N - Unlikely	Ca comments: According to the case chronology, clinical signs of lepsopsiosis occurred about 3 weeks after the end of primovaccination. Therefore, considering an inclusion period of at least 5-6 days, infection must have occurred before the onset of immunity, which is expected only 3 weeks after the second primovaccination injection. As a consequence, by the time of infection, no efficient vocalism-indused immune protection could be achieved. Thus, the role of NOBIVAC. L4 is assessed: N (Unlikely).
	DE-NLINTVINT-2015-DE-00003	Germany	Animal			16/12/2014		1	1 0		R×BR×BR>Yes	Respiratory arrest, Oedema NOS (see other SOCs for specific oedemas), Anaphylactic shock, Impaired consciousness, Circulatory disorder NOS	No Data	14. Approx Sminutes after application of the vaccines the dog had an anaphylactic shock vasodilatation, clouding of consciousness, respiratory airest, edema). The dog was reanimated with Dosapram, heat, infusion, manual reanimation, Desamethisone injection and other therapeutic measures. The dog was symptom-free after approx 5 hours on the same day. No more information expected. [Reason for use for product: Generic: DIPPI V Brand: NOBINVAS PISS XIDS 503 Reason: Booster vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] XB Brand: NOBINVAS L4 10X1DS 508 Reason: Uniformily ISSed for Heatiffs: Good!		2	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (16/12/2014- 16/12/2014) -BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once 1 	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00012	Germany	Animal	Canine/dog	11 Year(s)	22/12/2014	21/01/2015	1	1 0	02/01/2015	Yes, BR> Yes	Anaemia NoS,Thrombocytopenia,Autoimmu ne disorder NDS,Dedema of the extremities (see also other SOCs for most applicable oedema),Seizure NDS,Weakness,Coagulopathy,Skin petechiae	No Data	SAR: On 22 Dec 2014 an 11 year old Australian Sepheriel (tested for MDR-1 defect, vet does not remember earchy the possibly posibles was vaccinated with this product since years without SAR) and Nobbava CLR [First vaccination.] On 22 Jan 2015 the dog showed weakness and ordern on the hind legs. In the clinic the initial suspected diagnost was gastrointestinal infection, symptomatic treatment. On 04 Jan 2015 dog showed seizure and hemorrhage under the skin potential expression of the blood hegative, auto-antibody not tested, poisoning and other potential causes not to exclude. The explored possible possible control of the blood hegative, auto-antibody not tested, poisoning and other potential causes not to exclude. The explored possible possible can be considered and the possible control of the blood values, but still oedema on hind legs. Immune mediated reaction / autoinnume reaction was discussed. Follow up from 21 Jan 2015. Tog fully recovered (sedema on approximately 131 Jan 2015). Vet reported that in the same period of time further dogs had been presented to this vet clinic with symptoms of poisoning rip opision?, The vet assesses causal relation to vaccination as "unitable". [Reason for use for product: Generic CHPPP] VB Brand N. DBRAVE. SHEPPI SOIDLE SOIR Season. Vaccination (erric: LETPPA (ETC,TAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10XIDS 540 Reason: Vaccination] [State of health: Good]	Australian Shepherd Dog	32	Nobwa L4 - 1,N/N/N, 2,41 Dose Once (22/12/2014) 22/12/2014;8R->BR-Nobbwa SHPP - 1,N/A/N, 2,1 Dose Months (22/12/2014- 22/12/2014-) BR->BR->	O - Unclassifiable/unassessa ble	

	T																		
NOBIVAC L4	DE-NLINTVINT-2015-DE-00014	Germany	Animal	Canine/dog	8.5 Week(s)	30/12/2014	29/01/2015	12(3	ol d	01/01/2015	Yes, Yes	Trembling.Reduced reflexes, Attasi, Intention tremor, Proprioception loss, Hind limb paresis, Fever	No Data	SAR: On 30 Dec 2014.12 pupples (labradoodle, one litter) of female, 3 male) had been vaccinated with Nobbuck 14.0 na poprosimately 0.11 an 2015.2 male pupples showed termbling, low grade fever, did not respond on threatening reflex (missing reflex), intention tremor, find leg lameness (loss of proprioception/rightening reflex). Ver this suspicion of meningencerphalings, caused by vaccination. Treatment: Cortisone (Predissiolone), improvement. One other puppy (male) shows same symptoms but lower gade from 60 last 2015 on. Same treatment: Follow up from 80 last 2015. or Same treatment: Follow up from 80 last 2015. or Same treatment: Follow up from 80 last 2015. One week leated all pupples recovered. Treatment with heroscidar and Cortisone. Molfs: Lett was not performed. No further sections of the proprior of the same state of the same state of the same state. Same state of the same state of the same state of the same state of the same state. Same state of the same state of the same state of the same state of the same state. Same state of the same state of the same state of the same state of the same state. Same state of the same state of the same state of the same state of the same state.	Labrador Retriever	Not Known	Nobbac L4 - 1.N/N/A, 2.4.1 Dose Once [30/12/2014]. 30/12/2014;eRr-«BR-»hobbayc SHP- JA/N/A/A, 2.4 1 Dose Once (30/12/2014-30/12/2014)-BR>~BR>	O1 - Inconclusive	
	DE-NLINTVINT-2015-DE-00019		Animal			03/01/2015		1 1			Not Known	injection site lesion, Injection site swelling, Weakness, Fever	Not Known	SAR: On G3 Ian 2014 a dog [breed ShTfus, 4.3 kg] was vaccinated with hobbac L4. Post vaccination injection site swelling (as big as the palm of a hand, which bursts open/pulled over), weakness, fever. Symptoms lasted for 10-14 days. Turther information: Case was reported in 2015, as wet asked for further technical advise to re-vaccination in 2015. Dog showed similar reaction one year ago after vaccination with other Volobus' products, reported in case 2015—0-00200 (non-reious SAR). [Reason vaccination with office [State of health; Good]	Shih Tzu	4.3	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once (03/01/2015- 03/01/2015) 	A - Probable	
	DE-NLINTVINT-2015-DE-00028	Germany	Animal	Canine/dog	3 Month(s)	28/11/2014	02/02/2015	1 1	0 0	99/12/2014	Not Known, <br≻dr>-dR>- Not Known</br≻dr>		Not	Supereta Adverse Reaction A dog (Gos D'Atura Catala) was vaccinated on 28 Nov 2014 with Nobws STRPP and Nobbox Lepton in another practice (1st succination had been performed with vaccines) from another company). The condition before the vaccination is thus unknown, but the owners haven't mentioned anythings, so the vet assumes that the condition was good. On 13 Dec 2014, the day was presented for the first time in the reporting practice with conjunctivities at both eyes since 4 days (i.e. start approx. on 90 Dec 2014), slight conservation expenses and the properties of the first start approx. On 90 Dec 2014, slight conservations of the vaccination or not, Applied Conservation was seen to the conservation of the vaccination or not, Applied 20 Dec 2014, slight conservation was companying symmotron, the eye pressure shows the vaccination or not, Applied 20 Dec 2014, slight conservation was companying symmotron, the eye pressure was as follows: left - menting light: From light effective range. 15.25 minstig, there was no diarrhoea anymore. At the blood examination, everything was normal, the ophthalms clurta-sound examination revealed corners-oedeman with diargage of the endothelium, trauma was excluded. Treatment with Synulos was continued and Predictionally there was certacosous (Coded as eye disorder NOS). Treatment was changed to inoptomax ophthalmic continued on the start of the continued of t	Other Canine/dog	7.5	Nobbac L4 - M/AN/AN/A M/Auminown (26/11/2014- 28/11/2014-RB-Nobbac SRPH-NbAN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	O - Unclassifiable/unassessable	
NOBIVAC L4		Germany	Animal	Canine/dog	2 Year(s)	09/01/2015	12/01/2015	1 1		09/01/2015	NO, CBR>CBR>CB R>CBR>CBR>NO, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	disorders' Nomitting, Staggering, Dys pnoea, Death, Yopnosis, Reduced responses, Urination, Glazed eye responses, Urination, Glazed eye	Other	Supercied Adverse Reactions: A tog (Beutlered pugl was vaccinated on 079 Jan 2015 with Hobbus SIPPI and Nobbus C. Hobbus AstPPI and Nobbus C. Were given in a mixed syringe on one side (setta-label use), Nobbus C. Two signers and Nobbus C. Hobbus C. Were given in a mixed syringe on one side (setta-label use), Nobbus C. Twas given alone on the other side (on balle use). After approx. 1 minute (filected) their vaccination, when the dog pat down from the table), the dog unitrated. Shortly later it had a glazed gaze. staggering gait, vomited freed and suffered a circulatory collapse ("slumping down" with grey-write-the lume uncoses, was hardly responsive, had file threathing. The vet stabilized of the dog and side of the stable of the stable with the stable of the dog and lapprox. 5:30 p.m. in her practice. A venous entry was not possible because of circulatory weakness. Applied the rapp. prediction and infinisors to, examith. The vet the transfered the dog into a vet clinic, there it died then, approx. 3.5 hours after the vaccination. At the anviel in the clinic, only are-animation attempt was made, but this was not successful. No sections will intake the clinic control in the dog had been imported from a foreign country, preliminary diseases are unknown. The last vaccination had been approx. in 5:9, 2013 with vaccinetify form another company. Note: the vet sent the case on 31 Jan 2015 also to the apency (BVL). No more information espected. Reason for use for product. Generic Cumpt IV strants. ObstUNCS 5:996 Reason: Vaccination Generic LEPTO*4(ITC,AN,GRIPPBRAT) KB Brand NOBIVAC 1 50XIDS 5:40 Reason: Vaccination [Sate of health: Good]	Pug	7.5	Nobwac L4 - 1.N/A/N A 24.1 Dose Once 1.Animal (907)(27015- 09)(21/2015)-cRRB-Nobwac SHPP1 - 1.N/A/N/A/24.1 Dose Once 1 Animal (99)(01/2015- 09)(01/2015)-cRRB-Nobwac T - 1.N/A/N/A 24.1 Dose Once 1 Animal (09/01/2015-	B - Possible	
NOBIVAC LA	DE-NLINTVINT-2015-DE-00052	Germany	Arimal	Canine/dog	16 Year(s)	15/07/2014	15/01/2015	1 1	1 1	19/07/2014	No., GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>	Olarthoea, Vormiting, Abnormal test result, Death, Weight loss	Other	Supercted Afverse Reaction: Initial information from the vaccinating vert. 3 West Highland White Terrier was already even of and had a chronic cardiac disease, so the wet was wondering together with the owner, if the dog should be vaccinated and decided to vaccinate only with Nobiwac PI and Nobiwac I.A. on 15 Jul 2014 in a mixed syringe (extra able use). Thereafter, the vet got no feed-back from the owner. In Dec 2014, the vert met the owner in a supermarket and asked about the dog. The owner stated that the dog had died appox. 2 days after vaccination and that the vaccination and thus also the veit is responsible for that. The vet had received no further information, so we tried to reach the owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to the owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to the owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to owner for more information. Vaccinating vest's causality assessment unclassifiable. Proton call to owner for more information, and the vaccination of the proton of the comment of the owner for more information. In the ode and distributes. As the vaccinating we was on holidary, the dog was presented to another vest. This we stated that the reaction could possibly he a vaccination reaction and applied medicaments. However the olg deteriorated, emacited from initially 8 kg to 3 k and then ded on 35 cet 2014 for lost parce. 2 days after the vaccination as mentioned in the initial reportly without preceding further treatment. During this time the owners had presented the dog only once to the other V-1. Additional infort he obg has been under treatment because of a cardiac disease approx. since 2 years and was recei	West Highlam White Terrier B B	7.2	Nebisuc I.4 - 1.N/A,N/A, 2.4.1 Dose Once 1.Animal (19/07/2014- 15/07/2014): RR-RB-Nebisuc PI- 15/07/2014: RR-RB-Nebisuc PI- 13/07/2014- 15/07/2014- 15/07/2014-8R-RB-Rb-sunspecified medicaments against chronic cardiac disease - N/A/N/A/N/ N/A,unknown (01/07/2012- 28/10/2014): RR-RB-RB-	B - Possible	

	DE-NLINTVINT-2015-DE		Germany	Animal	Canine/dog	7 Year(s)	12/01/2015	20/01/2015	1 1	1	14/01/2015	Yes	Death by euthanasia.Epileptic seizure.Convulsion	No Data	Suspected Adverse Reaction: A dog (Afghan) was vaccinated with Nobixet Left on 12 Jan 2015. 2 days Afghan Hound after the vaccination, during a promesses, suddenly an epiglier Seature Occurred. Latter on the same day, further seitures occurred, in the clinic, Valium was administered. However again seitures occurred during the following days, again and again Usulmum was administered. However again seitures occurred without special findings, liquor-results list oil outstanding, For 24 bours, the day was sedeted. Hereafter again seitures occurred. The seatures of the sea
	DE-NLINTVINT-2015-DE		Germany	Animal	Canine/dog	12 Year(s)	14/01/2015	20/01/2015	1 1	0	15/01/2015	Yes,cBR> Yes	Neurological symptoms NOS,Reatlessness_Excitation,Vocalis ation,Not sleeping	No Data	Suspected Adverse Reactions: A dog (Magaer Vistal) was vaccinated on 14 Jan 2015 for the first time of with hobbka-vaccines, namely with Nobiase-Vaccines, mamely with Nobiase Vaccines, mamely with Nobiase Vaccines, and the Contined Organization State of the Vaccines of the Vacc
NOBIVAC L4	DE-NLINTVINT-2015-DE	DE-00077	Germany	Animal	Canine/dog	8 Year(s)	20/01/2015	23/01/2015	1 1	0	20/01/2015	Yes	Bloody diarrhoea, Weakness, Sleepiness - neurological disorder, Diarrhoea	No Data	Suspected Adverse Reaction: Approx. on 26 Dec 2014, a dog was vaccinated with Noblava C4 and 70 Molbrac T without reaction. Now after the booker-vaccination with Noblava C4 and 70 Molbrac T without Packing Town 1 Molbrac C4 and 70 Molbrac C4 and 70 Molbrac C4 Molb
	DE-NLINTVINT-2015-01		Germany	Animal	Canine/dog		16/01/2015	16/02/2015	1 1			->GBGBGBGB Ye-,GBGBGB BRGBGB Known	Thrombocytopenia, Jeuropenia, Dia rimosa, Death Dy entimes, Death Dy euthanasia, Weakenss, Fever, Mot earling-Fattigue, Walking dfffcully, Neoplasia NOS, NT-tumour (NOS)	No Data	neason for treatment. Booter vaccination with Nobbuse L.1. The first vaccination with Nobbus L.1. The first vaccination with Polary Service Service Law Comment of the Comm
	DE-NLINTVINT-2015-DI		Germany	Animal	Canine/dog	2.5 Year(s)	17/12/2014	04/02/2015	1 1	0	17/12/2014	Yes, <br< td=""><td>Facial swelling (see also Skin),Reddening of the skin,Excessive licking and/or grooming,Hyperactivity</td><td>No Data</td><td>Sup Adverse Reaction: Following case was reported by an animal lower: On 17 Dec. 2014 a dog was vaccinated with Nobivok. 14 and Nobivok. 24 an</td></br<>	Facial swelling (see also Skin),Reddening of the skin,Excessive licking and/or grooming,Hyperactivity	No Data	Sup Adverse Reaction: Following case was reported by an animal lower: On 17 Dec. 2014 a dog was vaccinated with Nobivok. 14 and Nobivok. 24 an
NOBIVAC L4	DE-NLINTVINT-2015-DE	DE-00139	Germany	Animal	Canine/dog	5 Year(s)	30/01/2014	05/02/2015	1 1	0	30/01/2014	Yes	Hiding.Circulatory disorder NOS.Staggering	No Data	Sop Adverse Reaction: During follow-up for another case (see linked case 2015-0F-00138, dop from a different owner, reactions after Nobivac L4 and Nobivac Panov accination) by extremelioned this case. On 30 land 7014 the dog had been boostered with Nobivac L4. A few hours after the vaccination the dog had reacted with crustatory problems (the dog was hiding himself and was staggering). On the next day the dig had completely recovered without transfer. The dog had reacted in the same way after the initial vaccination with Nobivac L4 and Nobivac T four weeks before on 02 Jan 2014 (see listed case 2015-0F-00404). Therefore, the Vert had withched back to Nobivac Legot vaccine for this dog this year (Jan 2015, which had been tolerated without any adverse reaction. No more information expected. (Reson for user for product: Generic LEPTO***(LFCANGRIPP,BRAT) KB Brand: NOBIVAC L4 500105540 Resson: Vaccination) [State of health: Good]

NOBIVAC L4	DE-NLINTVINT-2015-DE-00140	Germany	Animal	Canine/dog	5 Year(s)	02/01/2014	05/02/2015	1 1	0 02/1	01/2014 Y R	/es, <b R≻ Yes</b 	Staggering Circulatory disorder NOS.Hiding	No Data	Sup Adverse Reaction: During follow-up for another case (see linked case 2015-DE-00138, dog from a different owner, reactions after Nobback Lad no Nobbac Panov accination) the ver mentioned this case. On 02 Jan 2014 the dog had been vaccinated with Nobbac L4 for the first time. Additionally Nobbac L4 for the vaccination the dog had accepted without restaurch. The dog also reacted in the same way after the booster vaccination with Nobbac L6 for usees after this on 30 Jan 2014 (see linked case 2015-DE-00139). Therefore, the vert and withched back to Nobbac L6 pto vaccine for this dog this year (Jan 2015), which had been tolerated without any adverse reaction. No more information expected. [Reason for use for product: Generic LEDTO*4(CT_AMGEP PBART) ABS IREAT NOBINIVAL EXIDES 540 Reason: Vaccination Generic: RABIEST N.A.U. ADJUVANT KV Brand: NOBIVAL EXIDES 540 Reason:	German Shepherd Dog	30	Nobina (14 - 1,N/A/N, 2,41 Dose Once 1 Animal (02/01/2014- 02/01/2014)-BibrBR-Nobinac T - 1,N/A/N, 2,41 Dose Once 1 Animal (02/01/2014-02/01/2014)-BRBR-	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-0E-00144	Germany	Animal	Canine/dog	3 Month(s)	31/12/2014	06/02/2015	3 1	0 10/4	R <	(es_eBr_eBr_eBr_eBr_eBr_eBr_eBr_eBr_eBr_eBr	Haemolytic anaemia, Thrombocytopenia, Oral bleeding, Local swelling (not application site), Petechiae NOS	No Data	Siop Adverse Reaction: On 31 Dec 2014 a puppy was succinated with Nobius SHPR, Nobius C1 and the Breefer without reaction. Mid of January the doj had developed a suppeted autoimmune hamolytic anemia and had to be treated in a vet Clinic. Symptoms started with perhelial bleedings (unknown where), the next evening the doj was bleeding at the snout. The vet did not see the dog when the reaction outcured, but was notified by the breeder. No other litter mates showed reactions although they were all vaccinated with the same vaccine. Causality assessment of the reporting vet is "O". Follow-up information received by the concerned vet Clinic on Of 24 th S1. The dog was presented on 11 Jan 2015 with acute bleeding from the dertal allevel, the head was sworlden and peticiniae were consistent of the properties of the p	Irish Terrier	Not Known	Nobiac 14 - 13/1/N/A, 2.4.1 Dose Once 1 Animal (31/12/2014- 31/12/2014)-81R81B-Nobiac 518PH- 1.1N/A/N./2.4.1 Dose Once 1 Animal (31/12/2014- 31/12/2	O - Unclassifiable/unassessa be	
	DE-NLINTVINT-2015-DE-00146	Germany	Arimal	Canine/dog		02/02/2015	03/03/2015	G 6		R	res, er Norde	Pneumonia,Death,Respiratory tract disorder MoS,Glossdis,Stomatitis,Diarrhoea, Vomiting		Supercited Afverse Reactions of puppless were vaccinated on 0.2 feb 2015 with Nobawas SHPP and Nobboas C als 4 and for the next day they were banded out to the new counters, Days of 3 days after the vaccination (papers, on 0.5 feb 2015) 2 papples have faller III, one with dam/hore and respiratory problems, the other with volmiting and since of 6 feb 2015 and dam/hore and respiratory problems, the other with volmiting and since of 6 feb 2015 and dam/hore and respiratory problems, the other with volmiting and since of 6 feb 2015 and dam/hore and respiratory problems is still at the breeder, the other is stationary at the vet practice. The latter had shown a rhintis one week before the vaccination, but at the time of vaccination, it was olva again; it was / is trasted with firstions is, Cerenia and amoxicillin. On 60 feb 2015, there was no womiting amymore, but diarrhoes. The vet of control think the vaccine is responsible for the problems, but actually only warned to know if a panov-test detects a performed vaccination or an infection. Pano Snap test and test for Giandise were made and were neglesty. Starl / Duration of symptoms: apports. Judy part vaccination / 1 dead (05 feb) for the problems, and the problems of the problems	Other Canine/dog	Not Known	Nobwa L 4 - 1,N/A/N, A2,1 Dose Once 1,Anima (20/2/2015- 02/02/2015)-818-488-Noblwac SHPH - 1,N/A/N, A2,1 Dose Once 1 Anima (02/02/2015- 02/02/2015)-818-48R>	C - Unclassifia ble/unassessa ble	
NOBIVAC LA	DE-NLINTVINT-2015-DE-00153	Germany	Animal	Canine/dog	4 Year(s)	20/01/2015	17/03/2015	3 1	0 31/4	01/2015 Y	res_cBr>Br>B	Anaemia NOS,Leucocytosis,Selenomegaly,Di arrhoea,Vorniting,Weakness,Malais erkever,Weight loss,Nausea,General illness	No Data	Superied Adverse Reaction: A dag was vaccinated with Nobissac SHPP and Nobissac 14 on 20 Jan 2015. Approx. on 31 an 2015, the day of howed algestion disorders (2 x varieties, gight distrinces), maliste, nausea and floopiness. The dog was brought to a clinic. There a blood examination was performed and was without special findings, Applied therapy ridisor, distrince-reatment (metronidazol, spasmolytic product). The dog was brought back to the vert. it was doing better, the digestion was good again, dog was eating, received only lescopan, had lost 12 dp 6 bodyweight. On 40 fee2 0015, the general condition was worse again, dog had fever 40.7° cand a hyperplasia of the spicen (in the clinic this had already been noted in the -ray examination on 31 jan 2015; in the practice, an ultra-sound examination of the spicen was performed, homogenous enlargement, edges rounded valurations of the clinic this had already been noted in the -ray examination on 31 jan 2015; in the practice, and ultra-dound examination of the spicen was performed, homogenous enlargement, edges rounded valurations of the production of the blood was completely to (liver and bloody values) and 10 feb 2015, and 10 feb 2015, breatfalow a 1800 feb 2015, and 10 feb 2015, breatfalow a 1800 feb 2015, and 10 feb 2015, breatfalow a 1800 feb 2015, and 10 feb 2015, breatfalow a 1800 feb 2015, and 10 feb 2015, breatfalow a 1800 feb 2015, and 10 feb 2015, and 201	Golden Retriever	39.9	Nobinat L4 - 1N/N/N/A_24 Dose Once 1 Animal (2007/2015- 20/01/2015)=RR-Nobinac SHPP - 1N/N/A/A 24 Dose Once 1 Animal (20/01/2015- 20/01/2015)=RR-GRP	O - Unclassifiable/unassessa be	

	VINT-2015-DE-00163	Germany	Animai	Canine/ dog	3.75 Year(s)	02/02/2015	13/02/2015	1 1	1 06/02/201	> NOT Known,
 </br 	euthansis Anorexia Fever-Purulent lesion(s) Localised oedema (not application site), Sikin inflammation NOS, Elevated liver enzymes	No Data	Soap Alverse Reaction: On 0.2 Peta 2015 an American Altita was boostered with Nobinac L four weeks after initial vascriation with Nobiacs. PSPP, Nobiacs L and Nobiac 1. To deep visite on 0.3 Feb the dog also received Comfortis (on al artiparasitic against fleas). Approx on 0.6 Feb the dog showed annorsals but was divining normally. On 0.7 Feb the dog was presented to the vet with fever and swelling and painfulness at the injection site (right subdominal wall). The dog was treated with Vetalgia and Baytrill and hall improved on the next day; Feet was dog only on a day to severe the dog showed intermittent high Feet (up to 4.17°C). Bloods were tested on 10 Feet without findings except low-grade evestion of liver values and a low-grade thrombocytopenia. Approx from 11 Feb onwards the distall end of the right hind leg was edemators. First it was a "cold edema", then it spreaded proximally and on 13 Feb the inner died of the leg was red and inflamed and wound serretion was seen at the edemators areas. The antibiotics were changed to Clavaseptin. On the same day the down strongs to a vet clinic, not much more was done, but estimates was decided. No necropsy, but post mortem purcture of the inflamed leg was done and high grade septic purient secretion with occurs was found. Additional information of weeks before the dog had received Conflorts already because of flea infestation and thereafter had reacted with neurological symptoms (not further defined). Mat 10 Conflortis had already been informed. The west causality assessment is "O". No further information expected. (Reason for use for product: Generic: EETO*4)CTC.AACHRIP.PART 3 IS assess. MORNE AL SOANDS 40 Reasons: Vaccination Generic: Brand. Comfortis [State of health: Good]	Asota	Comfortis (Elaco) - N/AN/A/A/A 24.Julishown Unitrom (130/20/2015) 03/02/2015-6BR-N-0blws (14- 13/A/A/A/A, 24-A) topo dine 1 Arinal (02/02/2015-02/02/2015)-6BR6BR-		
NOBIVAC L4 DE-NLINTV		Germany	Animal			29/09/2014	16/02/2015	1	0 29/09/201		Bradycardis, Pale mucous membrane, Vorniting, Fallier, Reduce d responses, Anaphylactic shock, Swelling NOS, Ollated pupils	No Data	Suspected Adverse Reaction This case describes an anaphylactic shock after vaccination with Nobwa L. A. After the vaccination, the dog was put down from the labe and directly therefare, it was very quiet, vomited once, got wide pupils, got pale and then toppied over. Heart-frequency decreased to 40 Shpm. Avene-cather could not be set. Ettlerin [Efforting roll was given. Thereafter the dog was responsive again relatively quickly (less than 5 minutes). Then however more and more swellings could be noted [Occalization on texactly defined, persumably at the head). Arthitistamic was given (lena-hydrogen) and the state of the s	Chihuahua	Once 1 Animal (29/09/2014- 29/09/2014) *BR>*BR>	A - Probable	
NOBIVAC L4 DE-NLINTV	VINT-2015-DE-00177	Germany	Animal	Canine/dog	13 Week(s)	16/02/2015	17/02/2015	1 1	0 16/02/201	5 Yes, <b R> Yes</b 	Eyelld oedema_Anaphylactic-type reaction_Swollen lip (see also 'Skin')_Prolonged capillary refill time_Pale mucous membrane_Weakness	No Data	Suspected Adverse Reaction: The vet reported a reaction after vaccination with Noblwac SHPPI and Noblwac L4. On 15 fee 2012 a smored 5 p.m., a puppy (Tiethoubre-Senenhund) was vaccinated with both vaccines (SHPPI solved in L4]. Approx. half a no hour later, it developed an anaphylactic reaction with strongly swolene neyletis, pale mucose and languidness. The capillary relifit lines was delayed. The day was treated with dexamethasion. The vet spoke to the owner around 5 p.m.: according to the owner, the epidise were less swollen, but the dog had thick flews, however it was levely and att. The puppy had received the first vaccination at the breeder (with SHPPHL, by another company). On 20 feb 2015 we were informed that the dog was obly again out 17 et 2015. No more information expected. [Reason for use for product: Generic DHPPI LV Branch KOBIVAC SHPPI IDXIDS 122 Reason: Vaccination Generic LEFTO*4(IT,CAM,GRIPP,BRAT) KB Branch KOBIVAC L4 IDXIDS 540 Reason: Unknown.] [State of health: Good]	Other Canine/dog	Nobbac L4 - 1,N/A/N A 24,1 Dose Once 1 Animal 16/02/2015- 16/02/2015)<8R>~8R>Nobbac SHPP1 - 1,N/A/N A 24,1 Dose Once 1 Animal 16/02/2015)<8R>~8R>	B - Possible	
NOBIVAC L4 DE-NLINTV	VINT-2015-DE-00190	Germany	Animal	Canine/dog	7 Year(s)	23/02/2015	23/02/2015	1 1	0 23/02/201	5 Yes, <b R>BR>Yes, BR> Yes</b 	Facial swelling (see also "Skin"),Itching,Elevated temperature	No Data	SAR: On 23 Feb 2015 a dag was succinated with Noblovas SHPF and Noblova: L1 (simultaneous) and Noblova: T (notiment). Approx. 30 - 45 min gost vaccination the dag showed fiching, facial swelling low grade increase of temperature. Treatment with Antibistamine, Desamethasione. It was not forwarded to Malth Nova severe the reaction was. Fully recovered in the affermon. Case closed. [Reason for use for product: Generic DHPP ILV Branch NOBINAC SHPP IDXIDS 122 Reason: Vaccination Generic LEPTO-4[ICT_AMGPP-PRAT] has TRANK NOBINAC SHPP IDXIDS 512 Reason: Vaccination Generic RABLES NA ALU ADJUNATE NV Branch NOBINAC T JOXIDS 500 Reason: Vaccination Generic RABLES NA ALU ADJUNATE NV Branch NOBINAC T JOXIDS 500 Reason:	Crossbred	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (23/02/2015- 23/02/2015):BR>-BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (23/02/2015- 23/02/2015;BR>-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose Once (23/02/2015-23/02/2015):BR>-BR>	B - Possible	
NOBIVAC L4 DE-NLINTV		Germany	Animal	Canine/dog		02/02/2015	17/03/2015	1 1	0 16/02/201	Known, BR BR>BR>BR> Yes	Anaemia NOS.Circulatory collapse (see also 'Neurologica' Systemic disorders') Localised pain NOS (see other 'SOCs' for specific pain), Abnormal test result	No Data	SAR A poole was vaccinated on OI Jan 2015 with Noblevic SPPT plus Noblevic L OI plus Noblevic T without SAR, OI OI 276 280 251 km so bottom vaccinated with Noblevic AC on 167 E-DD 351 the dog was presented to the vet, no conspicuous findings, but painful back area. Testment with NSAID, no miprovement. On 18 Fe 2015 Night-gard annealin, Collagos, Heambort Clifs An autoimmune hemohylic anaemia was discussed. based on a suspicion because of the temporal association of 13 days, but Combit sets was negative. In OI22 blood cout was normall, Then the animal was remitted to a vet clinic and hospitalized, blood transfusion, in the meantime ambulant treatment. The dog shows improvement, but erythrocytes not yet ornormal. Follow up from 17 Mar 2015. Still under treatment in clinic, anaemia improved, but not fully (despite treatment with Prednisolone). Attending vet cannot provide further information. Case closed. (Reason for use for product. Generic: LEPTO*4(ICT_CAN_CRIPPBRAT) its Brank* NOBINAC L4 1001105 540 Resson: Vaccination Generic:	Miniature Poodle	NSAID - N/A,N/A,N/A, 24,Unknown Unknown (16/02/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015)-610/2/2015	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DE-NLINTV		Germany	Animal	Canine/dog	3 Year(s)	27/02/2014	27/02/2015	1	0 28/02/201	4 No, <b R> >R>No</b 	Facial swelling (see also 'Skin'),Dyspnoea	Other	Suspected Adverse Reaction: This case was mentioned during the initial reporting of an adverse reaction which happened in 2015 (see case 2015-66-00215) as previous reaction of the same dog. The dog was vaccinated on 27 Feb 2014 at 3.54 pm. with Nobbac L4 and Nobbac P (Imbed syringe). Lid with a contract of the property of the property of the property of the property of the process of the property of the process of the p	Pug	Nobiwa (14 - 1.N/N/N/A 2.41 Dose Once 1.4 nimal (2107/2/0314- 27/02/2014):eBr-Nobiwa (Pi - 1.1/N/N/A) 2.41 Dose Once 1.4 nimal (27/02/2014-27/02/2014):BR>-6BR>	B - Possible	
NOBIVAC L4 DE-NLINTV	VINT-2015-DE-00227	Germany	Animal	Canine/dog	6 Year(s)	12/11/2014	03/03/2015	1 1	0 19/01/201	5 No, R> No	Skin lesion NOS	Other	SAR: A dog wax vaccinated simultaneously with Noblacs EHPFI and Noblacs L4 (ELL: simultaneous use) on 12 Nov 2014. On 19 Jan 2015 (Does 12 months) the downs persented to the vet because of detachment of the cutis on its pads. Concurrent medical condition: On 8 Feb 2012 a positive titer had been detected for leshmaniassis, Firlichia, Babesia, Anaplasma. But no symptoms. Dog was under treatment with Albournio, Improvement of titers. Furthermore the dogs ill with Arthroiss and shower intermittent lameness. Other reasons for detachment of cuts was discussed i.e. trauma or abrasion of pads because of lameness. Vet said if Leichmaniasis titer would be a contraindaction. Dog was treated with antibiotics and local therapies, recovered within a week. [Reason for use for product: Generic: DPPI V Jan Man NOBIVAC L991 (2005) 127 Reasons vaccination Generic: EPPI OF JUGG 127 Reasons vaccination G	Pyrenean Mountain Dog	Nobiwa: L4 - 1,N/A/N/A,24,1 Dose Once (12/11/2014- 12/11/2014) SRR-Nobiwac SHPR - 1,N/A,N/A,24,1 Dose (12/11/2014-12/11/2014) -BR> 	N - Unlikely	

	DF-NI INTVINT-2015-DF-00233	Germany	Animal	Canine/dog	9 Year(s)	09/02/2015	12/03/2015			13/02/2015	la.	Leucocytosis,Fever,Abnormal test	No Data	Suspected Adverse Reaction: A dog was vaccinated on 09 Jan 2015 with Nobivac L4 and Nobivac SHPPI Jack Russell 8 Nobivac L4 - 1.N.	
												result,Pancreatitis	NO Data	without problems. After the booster-vaccination with Nobbac L (a (no 09 Feb 2015), the dog showed 4 styps later (no 13 Feb 2015) essisting high lever (-) 40°C). Treatment was performed with Metacam and first amoustillin, from 0.1 Mar 2015 Cobactan and once dexamethasion. Only minimal improvement soccured due to the restament, but the fewer is increasing again and again. Otherwise no symptoms occurred that the text extended, the state of the st	Unclassifiable/unassessa ble
NOBIVAC L4	DE-NLINTVINT-2015-DE-00241	Germany	Animal	Canine/dog	3 Month(s)	05/03/2015	06/03/2015	1	1 0	05/03/2015	NO, CBR>CBR>CBR>NO	Restlesnes, Vocalisation Pale mucous membrane, Diarrhoea, Facial swelling (see also Skin) Jt.Ching, Circulatory collapse (see also Neurological' and Systemic disorders') Lethargy (see also Neurological' and Societaria ne	Other	Jaspected Adverse Reaction: Approx. on 06 Feb 2015, a dog was vaccinated with another vaccine at leverage (Spering Law) whose profession on 0.05 May 2015, it was planned to perform the booster-discretion with Noblava 519PP and Noblava L.4 (mixed) and Noblava C.1. The vet drew up both syringes, under the first syringes. Which was a simple of the profession of the first syringe. Which was a simple of the dog are externed uplet and the mousea became white, elizable countries of the dog are externed uplet and the mousea became white, elizable countries of the dog are externed uplet and the mousea became white, elizable countries of the dog are externed uplet and the mousea became white, elizable countries, of the dog are externed uplet and the mousea became white, elizable countries, of the dog are externed uplet and the mousea became white, elizable countries, of the dog are externed uplet and the mousea became white, elizable countries, of the dog are streamed and the was a fort and the countries, of minutes, the dog came around / worke up again. It was still kept in the paractice for monthing, after approx. 30 minutes, the dog came around / worke up again. It was still kept in the paractice for monthing, after approx. 30 minutes, the dog area that mouse. The dog was taken home. There it was till restless and had diarnhous. On 60 Mar 2015 in the morning, everything was olav again. The event was reported as an analysiviciar reaction of their vaccination. Sart / Dutation of sympons: shortly after ejection / until the next day. No more information expected. [Reason force for use for product: Genetic: Petro-Vig(C.CAM, (GMP)-BART) (80 Brand : NOBMAC L4 10X1DS 540 Reason: Unknown.) [State of each Good of the document of the dog was taken home.]	/03/2015- IBB-Noblvac 24,1 Dose Once 1 5-
NOBIVAC L4	DE-NLINTVINT-2015-DE-00242	Germany	Animal	Canine/dog	10 Year(s)	15/12/2014	04/03/2015	1	1 0	15/12/2014	NO, CBR> CBR>Yes	Lack of efficacy,Uraemia,Hyperphosphataemia,Weight loss	Other	Not in the property of the pro	/12/2014- BR>Nobivac Pi - sse Once 1 Animal
NOBIVAC L4	DE-NLINTVINT-2015-DE-00243	Germany	Animal	Canine/dog	8 Year(s)	27/02/2015	09/04/2015	1	1 0	27/02/2015	Yes, Not Known	Lymphoma.Swollen lymph node,Vomiting	No Data	Neason for treatment: Vaccination/Lameness and associated problems Support. A deviews Rescutor. Oko gours vaccinated with Noblock 1 on 72 Feb 2015. After agross. I week the old gelveloped a general late of the day of the vaccination, the dog had shown a good general agreement of the problems of the day of the vaccination, the dog had shown a good general and problems to stand up. Therefore, additionally Rimady-tablets were handed out and administered by the owner on the same day. However, the dog didn't tolerance these well (according to the vet) and comitted (unknown when exactly and if the tablets were discontinued then). On 66 Mar 2015, the dog was presented in the practice, as the previous day, a swelling in the neck are handed been noted. The vet noted a lymph node swelling at the mandibular-, shoulder- and popilites1-lymph nodes. The general noted the problems of the day of the tablets were discontinued then). On 66 Mar 2015, the dog was presented in the practice, as the previous day, a swelling is pasted in of the behavior of the behavior of the behavior of the horizon was without special findings. Cytological examination of the hymph node is still buildening exist country of the day	al (27/02/2015- BRP-unknown - N/N/N/N/N/
NOBIVAC L4	DE-NLINTVINT-2015-DE-00274	Germany	Animal	Canine/dog	5 Month(s)	16/03/2015	16/03/2015	1	1 0	16/03/2015	No, <b R>BR> No, BR> Yes</b 	Anaphylaxis, Facial swelling (see also 'Skin'), Wheal, Itching	Other	ELU: simultaneous) and Nobinot C (concurrent). 3 his later: anaphylactic reaction, swelling of ace, which shall not bod, loop generated to ave (Line, therapy with Constone. In the afference, symptoms (16/30/2015-186) and 95% (same vet, same proved), last (Iching, Next day recovered. Case is linked to 2014-06-984 and 95% (same vet, same product). Case color. (Resson for use for product: Generic Lett) and (18/30/2015-186) and (:BR>Nobivac 24,1 Dose Once :BR>Nobivac T -

NOBIVAC L4		Germany	Animal	Canine/dog	8 Week(s)	13/03/2015	09/04/2015	17	1 1	16/03/2015		Somodinese, Impaired vision, Neurological signs NOS-Sestura NOS-Sestura NOS-Sestura NOS-Sestura Trembling Abnormal breathing Aget Rattling chest, Death by esthamassia, Respirate signs-Agethy, Blood loss (SNS-Abnormal radiograph finding, Unresponsive to stimuly.NT- fillerinous (Storoch) pneumonia/filbrinous pleuropneumonia/	No Data	SAR: 27 puppies (Mixed breed: Goiden Doodle) had been vaccinated on 13 Mar 2015 with Nobbac 1987 and Nobbac 14 (concurred ruse). In the moning of 15 Mar 2015 one day showed abnormal breasthing (rattled, gasped), blood came out of eyes and mouth. No foreign object found: X-ray one folse of large collapse, the other lose how the velocity and property of the other of large collapse, the other lose how the velocity and property of the other lose of large collapse, individual, and though a special property of the other lose of large collapse, individual, and though a special property of the other lose of large collapse, individual property of the other lose of large collapse, individual property of the other lose of large collapse, individual property of the other lose of large large through the other lose of large large through the other lose of large large through the other lose of large large large large through the other lose of large		2	Nobwa L4 - 1,N/A/N, 2,4,1 Dose Once (13/03/2015) 13/03/2015)eRF8BR-Noblwa SHPPI - 1,N/A/N,2,41 Dose Once (13/03/2015-13/03/2015)-BRBR-	N - Unlikely	
	DE-NLINTVINT-2015-0E-00280	Germany	Animal	Canine/dog	4 Year(s)	03/02/2015	18/03/2015	1	1 0	16/02/2015	R> No, < BR> <br< td=""><td>Mydraiss, Elevated Iher emymes, Swaloms didiorder noto, Thombocytopenia, Yomiting, Mosis, Tongue paralysis, Feer, Horitontal nyttagmus, Facilia niew disorder, Abnormal test result, Neurological symptoms NOS</td><td>Other</td><td>SAR: On 30 Dec 2014 dog had been vaccinated with Nobbuck SHPPI, Robbuck LLA, Nobbuc T and non- company-product. Care its (Borrella), influences use (EUL) on 37 Be 2013 the dog was reaccinate with Nobbuck LLA On 15 Feb 2015. The dog was presented to set with the following symptoms: fever AD-TC, vomited once, herapy Arkentinois, On 17 Feb 2015 the dog was presented to set again: no fever, but following neurological signs: tongue hanging out of the mouth, unable to swallow, cranial mores V, VIII, 31 failed (for further sensibility) in the face, effects of plapebra and corner failed). Blood test: 2 liver enzymes, anylase and specific canine pancreas lipase elevated (but improved in the meantime and no partners symptom). Ultisound abdomen, x-yC, T romral. No Toologismosis. Ulspior (Inconclusive): possibly degenerative process or inflammation or other reason. Nystagmus (Incitrostial), Moiss and mydistics (Internating), thrombocypopens (12 000), cellains, (Indiamycin, Vitamin B., Saspicion of the vet was meningenecepalisis. The vet was saking if the vaccine might have clusted distemper field symptoms. Case dosed, Follow-up on 16 Nov 17: Product Problem type "Ext label use" added. [Reason for use for product: Generic EHPPI LV Branch KOBINAC T (MOINX SPPI) (MOINZ) ZPR Reason Yaccindion Generic: EEPPI (ATC,ANGRIPP page) 18 Branch (NOBINAC T (100025 620 Reason: Unknown. Generic: Brand: Canis B (Borrella) Reason: Vaccination] (State of health: Good)</td><td>à à à à à à à à à à à à à à à à à à à</td><td>Not Known</td><td>Nobwa L4 - 1,N/A/A, 24,1 Dose Once (§302/2015) 03/02/2015) eRF8BN-Noblwa SHPH - 1,N/A/A/A, 24,1 Dose Once (30/12/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 8PN9BN-Virbagen canis B - 1,N/A/A/A, 24,1 Dose Once (30/12/2014- 30/12/201</td><td>O - Unclassifiable/unassessa ble</td><td></td></br<>	Mydraiss, Elevated Iher emymes, Swaloms didiorder noto, Thombocytopenia, Yomiting, Mosis, Tongue paralysis, Feer, Horitontal nyttagmus, Facilia niew disorder, Abnormal test result, Neurological symptoms NOS	Other	SAR: On 30 Dec 2014 dog had been vaccinated with Nobbuck SHPPI, Robbuck LLA, Nobbuc T and non- company-product. Care its (Borrella), influences use (EUL) on 37 Be 2013 the dog was reaccinate with Nobbuck LLA On 15 Feb 2015. The dog was presented to set with the following symptoms: fever AD-TC, vomited once, herapy Arkentinois, On 17 Feb 2015 the dog was presented to set again: no fever, but following neurological signs: tongue hanging out of the mouth, unable to swallow, cranial mores V, VIII, 31 failed (for further sensibility) in the face, effects of plapebra and corner failed). Blood test: 2 liver enzymes, anylase and specific canine pancreas lipase elevated (but improved in the meantime and no partners symptom). Ultisound abdomen, x-yC, T romral. No Toologismosis. Ulspior (Inconclusive): possibly degenerative process or inflammation or other reason. Nystagmus (Incitrostial), Moiss and mydistics (Internating), thrombocypopens (12 000), cellains, (Indiamycin, Vitamin B., Saspicion of the vet was meningenecepalisis. The vet was saking if the vaccine might have clusted distemper field symptoms. Case dosed, Follow-up on 16 Nov 17: Product Problem type "Ext label use" added. [Reason for use for product: Generic EHPPI LV Branch KOBINAC T (MOINX SPPI) (MOINZ) ZPR Reason Yaccindion Generic: EEPPI (ATC,ANGRIPP page) 18 Branch (NOBINAC T (100025 620 Reason: Unknown. Generic: Brand: Canis B (Borrella) Reason: Vaccination] (State of health: Good)	à à à à à à à à à à à à à à à à à à à	Not Known	Nobwa L4 - 1,N/A/A, 24,1 Dose Once (§302/2015) 03/02/2015) eRF8BN-Noblwa SHPH - 1,N/A/A/A, 24,1 Dose Once (30/12/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 301/2/2014- 8PN9BN-Virbagen canis B - 1,N/A/A/A, 24,1 Dose Once (30/12/2014- 30/12/201	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00307	Germany	Animal	Canine/dog	17 Month(s)	08/01/2015	26/03/2015	1	1 0	08/01/2015	No, <b R> No</b 	Pale mucous membrane, Hypothermia, Anaphylac tic shock, Lateral recumbency, Unresponsive to stimuli	Other	Sispected Adverse Reaction: A dog (Torkshire-Mol) was succinated on 08 Jan 2015 with Noblous 25 M and Noblous Call Med extra-label use). After 10 minutes, the dogs was not responsive anymore, in lateral position, had white mucosae, hypothermia, showed anaphylatic shock, the condition was life treatestering, Intended beschic testament was performed, among lifes with highly dosed predisiolon. After 65 minutes, the dog was doing clearly better again, 510 not he same day, it was okay again. After 65 minutes, the dog was doing clearly better again, 510 not he same day, it was okay again. office of the same day of the same day of the same day of the same day it was officed in the same day it was only one of the same day of the sam	Terrier - re		Nobiwac L4 - 1,N/A,N/A_24,1 Dose Once 1 Animal (88/01/2015- 08/01/2015)<-BR->BR>Nobiwac SHPP1 - 1,N/A,N/A_24,1 Dose Once 1 Animal (08/01/2015- 08/01/2015)<-BR><-BR>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00308	Germany	Animal	Canine/dog	6.5 Year(s)	12/03/2015	26/03/2015	1	1 0	12/03/2015	No, <b R> No</b 	Vomiting, Facial swelling (see also 'Skin')	Other	Sispected Advierse Reaction: A dog (Pinische-Mal), Jonn on 13 Aug. 2008 and since then vaccinated pearly with vaccine from another company, was vaccinated on 12 Mar 2015 with Nobiacs SHPPI and Nobiacs L4 (Imixed, eatra-liabel use). After 1 hour, It vonnted several times, had massive facial swelling Shock-treatment was performed, amongst others with highly dosed predisiolon, and on the same da the dog was olava gain. No more information expected, case closed. Note: the vet reported a similar case in another dog (Yorkshire-Mal), which is entered as 2015-DE-00307. [Reason for use for product Generic LPHPT V latent / NoBIAC SHPT USIOUS 122 Reason. Vaccination Generic LEPTO*4(ICT_CAN/GRIPP_BRAT) KB Brand: NOBIAC L4 10X1D5 540 Reason: Vaccination] [State of health: Good!			Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (12/03/2015- 12/03/2015;BR>-RB>-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once 1 Animal (12/03/2015- 12/03/2015)<-BR>- 	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00310	Germany	Animal	Canine/dog	6 Year(s)	04/12/2014	25/03/2015	1	1 1	11/12/2014	Yes, FR> FR <td>Lymphona,Death by euthansia Breathing euthansia Breathing difficulty,Swollen lymph node</td> <td>No Data</td> <td>Sizio Adverse Reaction On OB De 2014 a dog was vaccinated with Nobovac L1 and Nobovac PL. One week later (11De 14) the dog had wiseline hyphon dose (sepscisy) amorbilar and proplical). Result of a biopy made was malignant lymphoma. The dog was treated with Predistosione without improvement. The turnor grew further until the dog showed beginning treathing ifficilities, Secause was pressing on the trachea. Therefore, the dog was estimanized on 32 De 2014. Further diagnostics were not varied by the owner. The owner suspects as causal relation between the vaccination and 14 bright proposed to the control of the support of the control of the dog was settlement on the dog was expected. Secand institution of the dog was expected and and of the proposed was present and was done find the control of the dog was a special diet and was doing find with the Normore Information expected. [Reason for use for product: Generic: LEPOT-VILIC/LAS/MDRS-208 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination of Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccinatio</td> <td>ne h</td> <td>44.3</td> <td>Nobiwa L4 - 1,N/N/A, 2,4,1 Dose Once 1 Animal (04/12/2014- 04/12/2014)-6RF8BF-Nobiwa FI- 1,N/N/A, 2,4,1 Dose Once 1 Animal (04/12/2014-04/12/2014)-6RF6RF-</td> <td>N - Unlikely</td> <td></td>	Lymphona,Death by euthansia Breathing euthansia Breathing difficulty,Swollen lymph node	No Data	Sizio Adverse Reaction On OB De 2014 a dog was vaccinated with Nobovac L1 and Nobovac PL. One week later (11De 14) the dog had wiseline hyphon dose (sepscisy) amorbilar and proplical). Result of a biopy made was malignant lymphoma. The dog was treated with Predistosione without improvement. The turnor grew further until the dog showed beginning treathing ifficilities, Secause was pressing on the trachea. Therefore, the dog was estimanized on 32 De 2014. Further diagnostics were not varied by the owner. The owner suspects as causal relation between the vaccination and 14 bright proposed to the control of the support of the control of the dog was settlement on the dog was expected. Secand institution of the dog was expected and and of the proposed was present and was done find the control of the dog was a special diet and was doing find with the Normore Information expected. [Reason for use for product: Generic: LEPOT-VILIC/LAS/MDRS-208 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination of Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccination Generic: CANINE PARANNEUENZALV Brand: NOBINAC PI 10XIDS-520 Reason: Vaccinatio	ne h	44.3	Nobiwa L4 - 1,N/N/A, 2,4,1 Dose Once 1 Animal (04/12/2014- 04/12/2014)-6RF8BF-Nobiwa FI- 1,N/N/A, 2,4,1 Dose Once 1 Animal (04/12/2014-04/12/2014)-6RF6RF-	N - Unlikely	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00346	Germany	Animal	Canine/dog	16 Month(s)	30/03/2015	07/04/2015	2	0	30/03/2015	Yes, <b R>BR> Yes, BR> Yes</b 	Dullness, Urticaria	No Data	Supported Adverse Reaction: A dog (race: Modesian Ridgeback) was vaccinated with Nolivac SHPN Oblivac Ld and Noblavoc T-n 30 May 2015, Apport. 1 how after the vaccination, the dog showed a high-grade, generalized utricaria. It was treated with predisorion and after apport. 4 hours the dog improved but was still saighthy disrycodes ad dilenes). It fully recovered. The vet described the event as strong vaccination reaction. A second dog (race: Magyar Vitsal) was also vaccinated with Noblavo- SHPN, Noblavoc La and Noblavoc Twithout Johnson adverse reactions. No more information expected [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPP SOXIDS 207 Reason: Vaccination Generic: EEFTV4LCTC.ARG/PRBART) NB Brand: NOBIVAC SHPP SOXIDS 230 Reason: Utrinovon. Generic: RABIES IN ALU ADJUVANT KV Brand: NOBIVAC T-SOXIDS 220 Reason: Utrinovon. State of health: Goods			Nobiwac L4 - 1,N/A,N/A,24,1 Dose Once 1 Animal (30/03/2015- 30/03/2015)-BR>-BR>Nobiwac SHPPI - 1,N/A,N/A,24,1 Dose Once 1 Animal (30/03/2015- 30/03/2015-BR>-BR>>Nobiwac T - 1,N/A,N/A,24,1 Dose Once 1 Animal (30/03/2015-30/03/2015)-BR>>BR>	B - Possible	

	1.									1			1				
NOBIVAC L4 DE-NLINTVINT-2015-DE-00365	Germany	Anmal	Canine/dog	8 Week(s)	10/04/2015	06/05/2015	3 2	1 10/04/	015 Yeş,GBX-GBX-B R≻-GBX-GBX-Ye	s NOS,Shock,Found dead	No Data	Siap Adverse Reaction: On 10 Apr 2014 in the morning (9.45 am) three &-week-old pupples were vaccinated with Nobucs SFP and Nobbus C.A. At vaccination time all three were fir and well mourble Affer the vaccination at home two of the pupples (not clear which ones of the three) had been slightly strange (code as behavioural disorder). The animal owners had not been at home during the day and when they came home in the evening they found one of the pupples does and already stiff. One of the other pupples was they fail fixed, but, if the third pupp us completely on. Necropy results are pending. Follow-up expected. Follow-up from 06 and 11 May 15: It was clarified that the two pupples which had shown strange behaviour af fixt were the same ones which had been affected later - one was dead, one was wet (reason still wirknown). The third pupp was top fit the whole time. The two remaining pupples are both hoding fine. Necropy results of the dead pupp, were neceived on 11 May. Diagnoses: It 3 Shock (acute cardiovascular failure) 19:2 Streptococcus anjenous and Staphylococcus intermedius were found in the respiration ytarc without visible signs of disease. Comment of the pathologist: The main finding was a high-grade acute congestive hyperemia in the big parendymal organs (lung and livery with typical signs of acute shock (cardiovascular failure). This can be seen as reason for death. A causal relation between vaccination and reaction appears possible, although this can generally not be proven postmornally. Bacteriological findings can be seen as additional findings without clinical relevance. There was no evidence for differential diagnoses like manifest infectious diseases, intoxication or traums as reason for death. As accolated, Reason for use for product. Generic: UPETO*4(ICT,AM,GRIPP,BRAT) ISB Brand: NOBIVAC L4 50X1D5 540 Reason: Unknown.) [State of health. Good [Jesus for two for product.		2	Nobbac L4 - 1.N/N/N /2.41 Dose Once 1.Animal (10/04/2015- 10/04/2015- 10/04/2015-08R-Nobbac SHP- 11/N/N/N /2.41 Dose Once 1.Animal (10/04/2015-10/04/2015)-68R->68R->	B - Possible	
NOBIVAC LA DE-NLINTVINT-2015-DE-00394	Germany	Animal	Canine/dog		16/04/2015	24/04/2015	1 1		R> BR>BR «BR>BR>CBR>CBR> BR>BR>BR>CBR>CBR >«BR>CBR>CBR «BR>CBR>CBR	pruritus	Other	Reason for treatment: vaccination, ectoparastic control Susp Adverse Reaction: On 16 Apr 2015 a day was vaccinated with Nobiobac SHPP and Nobiobac L4 (simulationeusly mided, ELIU) and Nobiobac T concominantly. Approx 15 min later to dee Showed Facial Swelling, Exchypnose and Early to the dog by the Vex. Again appox 15 min later the dog showed Facial Swelling, Exchypnose and Endyrandis, and then also purutus in the face. The dog was treated with an antihistaminic (Benadryli njection. Approx half an hour later improvement was seen. Complete recovery was expected for the reat day (17 Apr), otherwise the vet wanted to contact us again. This did not happen. No more information expected. (Reason for use for poduct: Generic DelPHI U N Branch. NOBINAC SPRIS SOLIS 50 Reason. Vaccination Generic: LEPTO*QICT,CAN,GRIPP,BRAT) 18 Branch XDBINAC L4 SQXIDS.540 Reason. Unknown. Generic: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC L5 SQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 Reason. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS Branch XDBINAC TSQXIDS.550 REASON. Unknown. Seneric: ARBISI SIA ULI ADUNATIVAT NS BRANCH SQXID. URL SQXID SANCH SQXID SANCH S	2		Bravecto 500 mg Kautabletten für mittlegrüße Hunde (1-10-20 kg) – 11/1/N/N/A, 2-4,1 Tablets Once 1 Animal (16/6/4/2015-16/04/2015-16		
NOBIVAC L4 DE-NLINTVINT-2015-DE-00420	Germany	Animal	Canine/dog	3 Year(s)	12/02/2015	15/07/2015	1 1	0 16/04/	015 No,GRX-GRX-R R>BR>-BR>-BR>-N Known,-BR>-B >GRX-GRX-GR Not Known	t concentration,Bilirubinuria,Leucocy tosis,Lymphopenia,Gastritis,Icterus	Unauthori y sed , dosage - administr ation not frequent enough	SIEE for Lepto On 12 Feb 2015 and 16 Mar 2015 one dog received vaccination with Noblace Lef (extra- label use, as more than 4 weeks between vaccinations), On 16 Apr 2015 the dog was presented at the vet with fever (39,8 CL), foor drefusal and Leter's kin and mucosa. Blood examination, urine status and cytological senser of the stomach was performed. Results: Cytological senser: nilm idmed-cell inflammation; blood: Leskocytosis, lymphopenia, severe elevated liver ensymes; urine: billrobin strong postble, low specific weight, PCR for Letospian interrogans postble. The dog was treated with Amosicillia and clavulanic acid twice daily for 4 days. On 19 Apr 2015 the dog was also vaccinated with Noblace. Shell and the control of the contr	Retriever f	25	Nobbac L4 - 1,N/A/N, A2,1 Dose Twice 1 a/mind (4 Weeks) 12/02/2015 - 16/03/2015;eBR->BR->Nobbac 5HPP1 - 1,N/A,N/A, 24,1 Dose Once 1 A/mind [12/02/2015 - 12/02/2015] - 12/02/2015;eBR->BR->Nobbac T - 1,1/A,N/A, 24,1 Dose Once 1 A/mind [12/02/2015] - 12/02/2015;eBR->BR->SBR->Obbac T - 1,1/A,N/A, 24,1 Dose Once 1 A/mind [12/02/2015] - 12/02/2015;eBR->BR->SBR->	B - Possible	
NOBIVAC LA DE-NLINTVINT-2015-DE-00451	Germany	Animal	Canine/dog		21/04/2015	07/05/2015	1 1	0 22/04/		Fatigue_Injection site oedema_Skin absces_Feve_(Dsponea_Injection site swelling	No Data	SAR. On 21 Apr 2015 one dog was vaccinated with Noblavc L4. The next day the dog showed a massive swelling at the higherton site (lateral next). In the midde It has the size of a far and a crude consistency surrounded by a massive codema. In total it has the size of a child/s head. Furthermore fewer (194. C) and faligue was observed. The dog was treated with antibiotics and metamicol. One 24 pcr the dog has improved, the general condition is fine again and no more fever is observed. But as the swelling puts pressure on the respiratory tract, the dog showed dypanose and was brought to a clinic. TJ pending Note: According to the vet the dog is very sensitive. E.g. after a puncture of a pint (dog has pint problems since quite a while) the dog had also howan ansassive areaction at the injection size and abunstitis. Case resulumitted as no ACK has been received for the e-submission. Tru T May 2015. At the clinic an abuces was discovered and opened. All 6 May the dog was presented to the attending voltage in the control of the control of the standing voltage in the control of the standing voltage in the control of the c	y Mountain Dog	71	Once 1 Animal (21/04/2015-	A - Probable	
NOBIVAC LA DE-NLINTVINT-2015-DE-00467	Germany	Animal		15 Month(s)			1 1		Not Known	> and 'Systemic disorders')	Not Known	Siap Adverse Reaction: On 15 May 2014 a dog was vaccinated with Noblovac SHPP and Noblava: L4 for the first time. There days later on 18 May 16 on a walk the dop blad solffeet the gress and then sudedly work the first time. There days later on 18 May 16 on a walk the dop blad solffeet the gress and then sudedly work to the vet during emergency hour and was treated with Contion against suspecial allergic reaction. Thereafter, the dog recovered (approx 15 Apr 14). An altergy test was performed, since it had been suspected for a long time that the dog had an altergy. Result High-grade altergy apparts several foodstuff. The dog to on a special det since then and is doing fins. The owner does not exclude that the dog had reacted to something else (users think) for had ingested connecting old). According to the dog had reacted to something else (users think) or had signested connecting old). According to the dog land reacted to something else (users think) or had signested connecting old). According to the dog land reacted is sufficient to the section of the section vaccination is deserted. EFIOT-4(InCLANCRIPP_BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Unknown.] [State of healths. Good!]	Beagle y	13	Nobbac L 4 - M/AN/AN/A 24.Uhrknown fore 1 Animal (15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014- 15/05/2014-	N - Unlikely	
NOBIVAC L4 DE-NLINTVINT-2015-DE-00481	Germany	Animal	Canine/dog	Not Known	01/06/2014	29/04/2015	1 1	1 01/12/	014 Not Known, B >BR>CBR>CBR Not Known	Death,Immune mediated R haemolytic anaemia	Not Known	Siop Adverse Reaction: A dog was vaccinated with Noblavic SHPR and Noblavic L4 in June 2014. In winter (estimated to approx Dec 2024) immune mediated hearmolytica nemia (Binkh) Abd Egain. Now (approx 29 Apr 2015), the dog died. The owners suspect a connection with the vaccination. No more information available, although the vet was contacted several times. Case closed, (Wilble reopened in new information is received.) [Reason for use for product: Generic: DHPPI LV Brandt NOBIVAC SHPP S001D5 530 Reason. Vaccination Generic: LEPTO*4(CAM,GRIP*BRAT) XB Brand: NOBIVAC L4 50X1D5 540 Reason: Unknown.] [State of health: Unknown]	Other Canine/dog	Not Known	Nobivac L4 - N/A,N/A, 2.4,Unknown Unknown Unknown (01/06/2014- 01/06/2014-BR> Nobivac SHPPI - N/A,N/A,N/A, 24,Unknown Unknown Unknown (01/06/2014- 01/06/2014\cdot BR> 	N - Unlikely	

	-NLINTVINT-2015-0E-00494	Germany	ra-entali	conmeyoug	o weekb)	30/04/2015	28/05/2015	.69 10		v./vo/4J15	Yeş, GR-GR-KB R>-GR-CBR-Yes	Unable to stand.Appetite loss, Fever Muscle degeneration.Lateral recrumbency, Hind limb paresis, Tiredness, Unsteady gait, Weakness of limb, Lameness, Other immune system disorder MOS, Distension of abdomen, Vocalisation.Falling	No Data	SAR: 30 Agr 2015; vet vaccinated 16 pupples of one breeder with Nobbucs SHP + Nobwac LB unitualneous (all approximately & week old.) Elitters, freet 4: 4 obgue de Bordeaux, 12 x Dogue de BordeauxOdsull-mastiff, all dogs reacted are from the big cross-breed litter). O. 1 May: all pupples recevered but one puppy (huppl) showed high grade reduced food intake, tried. 20 May; all pupples recovered, but one puppy (huppl) showed high grade hind limb weakness, normal fecation/mictation, normal pain reaction in hind legs, according to vet no pareses/paralyses, rostpatilezed. No significant improvement until 05 05 2015. O May: owner reported (not confirmed by vet) that 1 other dog fell and screamed. I further dog lateral recumbency, unable to stand. Owner only presented one dog (Ruppy) bit wide you vet, unknown what happened with other puppy. Vet diagnosed a blazing tension of the belly, fever 35.5, probably reason that animal is unwelling to a go; I have Spatial read. See a substance of the pupples had been feed by BARF method (Fibiologically Apopropriate Raw Food" or bores and raw food, 16 May: Puppy 2 and works the same symptoms film dilm weakness jas Puppy2. Treatment Puppy1 and 2: Contisone and physiotherapy. Suspicion of Polyradiculoreutrist due to make a significant signif	dy or	Known	Nobbac L4 - 1,N/A/N / 24,1 Dose Once (3)(0/4)(2015) - 30/04/2015)- RBN-Nobbac SHP 1,N/A/N/A / 24,1 Dose Once (30/04/2015-30/04/2015)- RBN-Nobbac SHP 1,N/A/N/A / 24,1 Dose Once (30/04/2015-30/04/2015)- RBN-OBRN-OBRN-OBRN-OBRN-OBRN-OBRN-OBRN-O	B - Possible	
	-NLINTVINT-2015-DE-00520	Germany	Animal	Canine/dog	3 Month(s)	04/05/2015	05/05/2015	1 1	L o	04/05/2015	NO, 	Facial swelling (see also Skin'), Weakness, Allergic reaction	Other	Suspected Alwerse Reaction: On QA May 2015, approx. at 09.30 a.m. in the morning, a dog (French sulkidog) was vaccineted with Nobbac S-Life Melos Polyros. Dotto S-Life Melos (Presch S-Life Melos Polyros). The control of the Contro	French Bulldo	og 6	Nobbac L4 - 1.N/A/N A 24.1 Dose Once 1.Aninal (00/5/2015- 04/05/2015)=RRRB-Nobbac SHPP - 1.N/A/N/A 24.1 Dose Once 1 Animal (04/05/2015- 04/05/2015)=RRRB-Nobbac T - 1.N/A/N/A 24.1 Dose Once 1 Animal (04/05/2015-04/05/2015)-RRGR-	B - Possible	
NOBIVAC L4 DE-	-NLINTVINT-2015-DE-00535	Germany	Animal	Canine/dog	15 Month(s)	06/05/2015	19/05/2015	1 1	1 1	07/05/2015	Yes, >CBR>>CBR>>CBR>>CBR> >CBR> >CBR> >CBR> >CBR> <br< td=""><td>Inappropriate defecation, Inappropriate urination, Vocalisation, Sudden death</td><td>No Data</td><td>Reason for treatment Vaccination, unknown SAR: On 6 May 2015 in the morning one dog was vaccinated concurrently with Nobivac L and Nobivac Bib 7 and neceleved treatment with Postace to right ear. General health condition of dog was good. According to the animal owner, in the evening the dog showed no signs and ormal behaviour. Went for a walk around midlight with no abnormalities. An ingit (4-51) the dog squeaked one time, lost unine and faeces (due to death?) and decl. No other symptoms are promised. No necessary will be performed. Note: the dog was vaccinated with Nobivac 514PP, Nobivac L4 and Nobivac Bib? the year before without problems. Case closed. [Reason for use for product: General. Con Willie / Full Will</td><td>Labrador Retriever e</td><td>35.3</td><td>NOBINAC BBPI 25X1D5-25X1D5 DIL 122 [PEI] - 1/NA/NA/, 24,1 Dose Once (06/05/2015- 06/05/2015-)eRb->eRb-NOBINAC L4 10X1D5 540 [PEI] - 1,N/A,N/A, 24,1 Dose Once (06/05/2015- 06/05/2015-18R-RB-POSATEX - 1,N/A,N/A, 24,1 Dose Once (06/05/2015-188-RB-POSATEX -</td><td></td><td></td></br<>	Inappropriate defecation, Inappropriate urination, Vocalisation, Sudden death	No Data	Reason for treatment Vaccination, unknown SAR: On 6 May 2015 in the morning one dog was vaccinated concurrently with Nobivac L and Nobivac Bib 7 and neceleved treatment with Postace to right ear. General health condition of dog was good. According to the animal owner, in the evening the dog showed no signs and ormal behaviour. Went for a walk around midlight with no abnormalities. An ingit (4-51) the dog squeaked one time, lost unine and faeces (due to death?) and decl. No other symptoms are promised. No necessary will be performed. Note: the dog was vaccinated with Nobivac 514PP, Nobivac L4 and Nobivac Bib? the year before without problems. Case closed. [Reason for use for product: General. Con Willie / Full Will	Labrador Retriever e	35.3	NOBINAC BBPI 25X1D5-25X1D5 DIL 122 [PEI] - 1/NA/NA/, 24,1 Dose Once (06/05/2015- 06/05/2015-)eRb->eRb-NOBINAC L4 10X1D5 540 [PEI] - 1,N/A,N/A, 24,1 Dose Once (06/05/2015- 06/05/2015-18R-RB-POSATEX - 1,N/A,N/A, 24,1 Dose Once (06/05/2015-188-RB-POSATEX -		
NOBIVAC L4 DE-	-NLINTVINT-2015-DE-00561	Germany	Animal	Canine/dog	10 Year(s)	11/04/2015	11/05/2015	1 1	L o	15/04/2015	Not Known, -SB -SBR>-BR -SBR>-BR Not Known	Valvular insufficiency, Heart mumur, Cardiac disorder NOS, Neutrophilia, Leucocytosis, Abnormal test result	Not Known	Sizip Adverse Reaction: On 11 Apr 2015 a dog was succinated with Noblava L4 and on 17 Apr with Noblobies C9-Before the excications on 10 Apr Hc. c. antibodies were measured and were only slightly elevated 14 (b) (efc. 41.20). On 40 May Hc.C. Little was measured again and was elevated to 1.230. The dog showed no clinical symptoms. The blood tests had only been performed on request of the owner, who does this on a regular basis for her two dogs. The vet was saking if Noblava L4 could be responsible for such an Hc. c. three elevation. Vaccination Instinyr, L4st vaccination against Hc.C. had been applied on 30 Dec 2010 with unknown SHPF11 vaccine. Additional information: On 15 Apr a blood screening was continely performed and showed slight elevation of white blood cells in general 17.86 / µl (efc. 3-5.15.9) and of Neutrophils 13.81 /µl (efc. 3-7.21) in specific. During physical elevations of the blood cells in general elevations of the size vaccination on 27 per a systolic heart marmar 4/5 was noticed. Echocardiograph on 24 Apr revealed mitral vake insufficiency and prolopse, low grade tricuppidal vake insufficiency of continuous contractions of the Product Carbon	Crossbred	Not Known	Noblact L4 - 1.N/N/N/A 2.4, Dose Once 1.Animal [10/4/2015- 11/04/2015-11/04/2015-11/04/2015-11/04/2015-188-Noblact SP - 1.N/N/N/A, 2.4, 100eo force 1.Animal [17/04/2015-17/04/2015)-8R6R-	N - Unlikely	
NOBIVAC L4 DE-	-NLINTVINT-2015-DE-00607	Germany	Animal	Canine/dog	8 Year(s)	01/09/2014	20/05/2015	1 1	. 0	01/02/2015	Yes	Liver disorder NOS, Anaemia NOS, Lack of efficacy, Ascites, Abnormal test result	No Data	SLEE for Legto in Sept 2014 one dog was vaccinated with Nobivac Lt. In Feb/Mar 2015 the dog showed saicties, anaemia and liver damage. After treatment (not specified) the symptoms obcerased within a weeks. End of April 2015 blood examination was performed and Leptospinosis ther 1400 for servar L. Literohaemorhagiae was detected. All other Leptospira servour showed no increase in tite the dog had recowed. No more information expected. (Resean for use for product. Generic: LEPTO*4[CT_CAM_GRIPP_BRAT] KB. Brand: NOBIVAC L4 SOXLDS 540 Reason: Vaccination] (State of health. Good)	Lhasa Apso	7	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (01/09/2014- 01/09/2014) 	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DE-	-NLINTVINT-2015-DE-00618	Germany	Animal	Canine/dog	3 Year(s)	20/05/2015	16/03/2015	1 1	i o	20/05/2015	No, <b R> No, < BR> Yes</b 	Lip oedema (see also 'Skin'),Eyelid oedema,Eye redness,Itchling	Other	SAR- Dog Maltee) was vaccinated on 20 May 2015 (10:30) with Nobius C4 and Nobius SPRV (EU: simultaneous). In later: reddening of eyes, Riching. Dog presented to vet: Swelling of eyes, lips. Therapy: Prednisolone i.m. Recovered after 1 hour. Vaccinated before with unknown puppy vaccine in poland. Case is linked to 2010-10-5984 and 985, 2015-06 274. (same vet, same product) case closed. (Reason for use for product: Generic: EPTO*/GICT_ANGENPRART) RB Brand (NOBIVAC 10 NOBIVAC 10 NOB	Maltese	2.04	Nobivac L4 - 1,N/A,N/A,24,1 Dose Once (20/05/2015- 20/05/2015-BRR-BR>Nobivac SHPPI - 1,N/A,N/A,24,1 Dose Once (20/05/2015- 20/05/2015-BR>-BR>Nobivac T - 1,N/A,N/A,24,1 Dose Once (16/03/2015-16/03/2015)-BR>-BR>	B - Possible	
NOBIVAC L4 DE-	-NLINTVINT-3015-DE-00664	Germany	Animal	Canine/dog	14 Week(s)	22/05/2015	20/10/2015	1 1	1	25/05/2015	Not Known, BR>BR> Not Known, <brs-br><brs-br> Not Known</brs-br></brs-br>	Myocardits, Diarrhoea, Bloody diarrhoea, Vomiting Pneumonia, Dea th by euthanasia	Not Known	Supported Alberton Reactions in Imported pagey (Lest-Raissell-Mes, possibly from Roland) was vaccinated for the first time with Nobiess SHPP and Nobiess Lest And Nobiest To 22 May 2015 (approx. 14 weeks old), Sire 2.5 May 2015, the day showed vomiting watery distribute, at the time of mixed in porting (27 May 2015) it showed blood distributes. Lestone case were in the normal range. Ent may 100 may 1	Jack Russell Terrier f	3	Nebbuc Ld - 1,N/AN/A 24,1 Dose Once 1,4nima (120%/2015- 22/06/2015)-ethethhobivac SHPP - 1,N/AN/A 24,1 Dose Once 1 Anima (120/65/2015- 20/66/2015-2016-2016-2016-2016-2016-2016-2016-2016	N - Unlikely	

NOBIVAC L4 DE-NLINTVINT-	2015-DE-00694	Sermany	Animal	Canine/dog	6 Year(s)	04/05/2015	03/06/2015	1 1	0 07/	05/2015 Not	ı	Diarrhoea, Vomiting	Not	Susp Adverse Reaction: On 4 MAY a dog was vaccinated with Nobivac SHP, Nobivac L4, Nobivac T and	German	30	Nobivac BbPi - 1,N/A,N/A ,24,1 Dose	0-	
										Knowi > Not Knowi > Not Knowi > Not Ki	n, n, n, n, n, n, n, n, n, n, n, n, n, n, n, n, nown		Known	Nobius BBP. On 7 MAY the dog started to show diarrhoea and vomiting and was treated ymptomatically. On 21 MAY the dog was presented to a clinic as diarrhoea was watery. The dog was treated with Metronidazole and improved. No root cause for gastrointestinal problems was found (biloppy of lymphonidazole without special fridings; Bill excluded, On 21 MAY the dog was sent back home ymptom free, but is still under Metronidazole treatment. No more information expected. Note: The dogs from a foreign country, but already in Germany for a months. The owner's a former set who in retired. [Reason for use for product: Generic: Der U strank 1008UNG SIP 2001D 620 Reason. Including Committed (Committed) and the committed of the committed of the committed of the Uniconomy. Generic: ABBIES NAI AU JOUNNEY TO STRENG MORNEY 5.7001D.50 Reason: Unknown Generic: Bis CANINIE? IN STRENG MORNEY TO STRENG OR Reason: Unknown Generic: Bis CANINIE? IN LIVE Warnels NOBIVAC BBPI SXIDS+SXIDS DIL 122 Reason: Unknown Stream Canada.	Shepherd Dog		Once 1 Animal (04/05/2015- 04/05/2015-BR-Nobivac L4 - 1,N/AN/A, 24,1 Dose Once 1 Animal (04/05/2015- 04/05/2015- 04/05/2015- 04/05/2015- 04/05/2015- 04/05/2015-BR>-SBR>Nobivac SHP- 1,N/AN/A, 24,1 Dose Once 1 Animal (04/05/2015- 1,N/AN/A, 24,1 Dose Once 1 Animal (04/05/2015-BR>-SBR>Nobivac T - 1,N/AN/A, 24,1 Dose Once 1 Animal (04/05/2015-BR>-SBR>	Unclassifiable/unassessa ble	
NOBIVAC L4 DE-NLINTVINT-2		Sermany J	Animal	Canine/dog	11 Month(s)	04/09/2014	03/06/2015	1 1		> Not Ki	nown	Pneumona Purulent ininitis, Rhinitis, Cough, Hyperkeratos is, Peeling skin, Lack of efficacy, Limb weakness, Abnormal test result, Diarrhoea, Vomiting	Not Known	SILE for distemper On 4 Sept 2014 one dog (breed Rhodesian Ridgeback) was vaccinated with Nobivo SIPPI and Robbox (c. Hop Known His millamensuly or concomitant). End of April 2015 the dog state to show rhimits and then coughing. The dog was treated with antibiotics. The symptoms worsened an the rhinitis tumed punter. Additional significant special power of the muzzle and paw pads peeded off. Computer tomography revealed pneumonia, tests for distemper Analpsiams, Toxologiams were negative. The dog was treated symptomatically. The paw pads showed off in the control of the properties	d d d d d d d d d d d d d d d d d d d		Nobina L 4 - 1.N/N/N 2.4.1 Dose Once 1.Animal (10/9/2014- 04/09/2014-8R8B-+hobivac SHPP - 1.N/A/N/A, 2.1 Dose Once 1 Animal (04/09/2014- 04/09/2014)-SBSB>	No assessment performed	
NOBIVAC L4 DE-NLINTVINT-2		Sermany	Animal	Canine/dog	7 Week(s)	16/06/2015	06/07/2015	5 1	1 17/	06/2015 Yes, <b R≻<br< td=""><td>BR> <b R> No</b </td><td>Miscellaneous eating disorder NOS-Aggression/Vocalisation/Adipsi a,Circling - neurological disorder (see also "Behavioural disorders"),Death by euthanasia</td><td>No Data</td><td>SAR: On 16 JUN 2015 a litter of 5 puppies (Dread Jack Russel) was vaccinated the first time simultaneously with Nobbucs SIPPP and Nobbuca LLO NI 21 you 2015 one puppy stated to show runnin in circles and screaming when it was lifted up. Apport. 19 JUN symptoms wonered, puppy also had problems with estigate and fishinge, On 20 JUN still running in circles, screaming when lifted up and additionally trying to bite the person who lifted it up. On 21 JUN also screaming when lying around without external manipulation despite of strong analgetics, so do years esthartaset. Results of necroor and blood examination pending relialow up from 60 Jul 2015; Pathology finding high grade hydrocephalus literatura. Care closed. (Eleanon for use for product: Genetic CHRPT V Strand: Monthly Care Christian Care closed. (Eleanon for use for product: Genetic CHRPT V Strand: MONTHLY CLOSED SAR SAR SAR SAR SAR SAR SAR SAR SAR SAR</td><td>Jack Russell g Terrier</td><td></td><td>Nobiwac L4 - 1.N/A/N/A_24,1 Dose Once (16/66/2015- 16/06/2015- 16/06/2015-RBBB*-Nobiwac SHPPI - 1.N/A.N/A_24,1 Dose Once (16/06/2015-16/06/2015)-BB*-BB*</td><td>N - Unlikely</td><td></td></br<></b 	BR> <b R> No</b 	Miscellaneous eating disorder NOS-Aggression/Vocalisation/Adipsi a,Circling - neurological disorder (see also "Behavioural disorders"),Death by euthanasia	No Data	SAR: On 16 JUN 2015 a litter of 5 puppies (Dread Jack Russel) was vaccinated the first time simultaneously with Nobbucs SIPPP and Nobbuca LLO NI 21 you 2015 one puppy stated to show runnin in circles and screaming when it was lifted up. Apport. 19 JUN symptoms wonered, puppy also had problems with estigate and fishinge, On 20 JUN still running in circles, screaming when lifted up and additionally trying to bite the person who lifted it up. On 21 JUN also screaming when lying around without external manipulation despite of strong analgetics, so do years esthartaset. Results of necroor and blood examination pending relialow up from 60 Jul 2015; Pathology finding high grade hydrocephalus literatura. Care closed. (Eleanon for use for product: Genetic CHRPT V Strand: Monthly Care Christian Care closed. (Eleanon for use for product: Genetic CHRPT V Strand: MONTHLY CLOSED SAR	Jack Russell g Terrier		Nobiwac L4 - 1.N/A/N/A_24,1 Dose Once (16/66/2015- 16/06/2015- 16/06/2015-RBBB*-Nobiwac SHPPI - 1.N/A.N/A_24,1 Dose Once (16/06/2015-16/06/2015)-BB*-BB*	N - Unlikely	
NOBIVAC L4 DE-NLINTVINT-:	2015-DE-00850 C	Sermany	Animal	Canine/dog	10 Week(s)	28/04/2015	24/06/2015	4 1	1 08/	> Not Know	n,
 n,
 nown</br </br 	Vomiting.Collapse (see also 'Gardio- vascular' and 'Systemic disorders').Peeling.skin,Sudden death,Respiratory sound	- Not Known	SAR: On 28 Agz 2015 four pupples were vaccinated with Nobivac-SHPP1 and Nobivac 1.4. On 5 May on of the dogs was series to a new owner. On 8 May the nasal sidn of this pupply series nose started to peel of, likew pigmentation of the nose started approx on 11 May). Approx. on 13 May the dog vontied once, which smelled like faces. On approx. 15 May an older animal pumped on the pupply pupply toppled over (collapsed) and was without consciousness. Successful rearination of the pupply by the owner. The dog was presented to the vet without Indings. On 29 May the dog was vocinated with Virlax canist. L. On 5 Jun 2015 during a walk in the evening the dog apagin collapsed, successful rearination by the owner, deferation in sitting position, ruling eyes and death. No successful rearination. During rearination the owner noticed there. May see a fluctuating liquid in the dog's throat. No necropsy performed. No more information expected. See a fluctuating liquid in the dog's throat. No necropsy performance. No more information expected seens for use for product. Generic: LEPTO*4 MCT.CAM.DRIPREPART JOS REAT KORIVAC LE SOLOS 540 Reason: Unknown. Generic: Brand: Virbac canis I. Reason: Vaccination] [State of health: Unknown)	Chihuahua		Nobina L 1- N/AN/AN/A 24.Unknown fore 1 Animal (28/04/2015- 88/04/2015-88/04/2016-8-BB-Nobinac SHPPI - N/AN/AN/A, 24.Unknown Once 1 Animal (28/04/2015- 28/04/2015-8B-NB-Virbagen Lepto - N/AN/AN/A, 24.Unknown Once 1 Animal (29/05/2015- 29/05/2015)-BB-SB-V-SB-V-SB-V-SB-V-SB-V-SB-V-SB-V-	N - Unlikely	
NOBIVAC L4 DE-NLINTVINT-2		Sermany J	Animal		4 Year(s)	11/06/2015	25/06/2015	1 1		R>GBR>GBR>GBR>GBR	BR> <b R> No, < BR>Yes</b 	Staggering, Trembling, Abnormal movement NOS	No Data	Supected Adverse Reaction: A family dog was vaccinated with Nobine SHPT and Nobine L (I finited yinging) and Nobine CT (separately) on I Jun 2015. 2 house fair the vaccination, the dog showed the following symptoms when it stands up, tending occurs which gees from the hind extremities over the back to forwards. The dog crooks, tenuinels over the fore legs, shows stageing gail. The dog was very couldn't state any abnormalities. Since them the dog is down any abnormalities. Since them the dog is down again. Attending ver's causality assessment: unclassifiable (for all vaccines), Additional Info: according to the owner, tremiting at the hind leg poccurs regularly before the defection. No more information expected. [Reason for use for product: Generic: DHPI L VI Branch NOBINAC SHPP SOXIDS 620 Reason: Vaccination Generic: LETDY-04[TC_ANGREP_BRAT] has Branch KOBINAC LETDY-05 OR Reason: Unknown.] [Sate of health: Good of the Condition of the Condition of the control of the condition of the co	Chihuahua	4	Nobivac L4 - 13/I/A/NA 24,1 Dose Once 1 A minal (11/66/2015) eminal (11/66/2015) emin	B - Possible	
NOBIVAC LA DE-NLINTVINT-		jermany j	Animal		23 Month(s)	27/06/2015	15/07/2015	1 2		R> <br < BR><e< td=""><td>3R> No, 6R> < 3R>Yes</b </td><td>Injection site swelling. Malabse, Fever, Local swelling (not application site)</td><td>No Data</td><td>SAR: On 27 Jun 2015 a Great Dane mix was vaccinated with Nobwac SHPPI and Nobwac LB and sumultaneously EUR of SHPPI and Nobwac T concurrently. Doth injectitions on the right lateral abdominal wall approx 3-4 cm apart. On 28 Jun the dog had shown a swelling at the injection site which was progressing and had massively extended until 29 Jun. The dog was then presented to the with lee whether of the site of the si</td><td>Crossbred t</td><td></td><td>Nobiwa L 4 - 1.N/N/N A 2.4 1 Dose Once 1 Animal (2706/2015- 27)66/2015-8R-N-bobwa SHPH - 1.N/A/N - 2.4 1 Dose Onc 1 SHPH - 1.N/A/N - 2.4 1 Dose Onc 1 Animal (2706/2015- 2706/2015)-8R-N-bobwa C T - 1.N/A/N A 2.4 1 Dose Once 1 Animal (27)66/2015-27/06/2015)-8R6R-</td><td>B - Possible</td><td></td></e<></br 	3R> No, 6R> < 3R>Yes</b 	Injection site swelling. Malabse, Fever, Local swelling (not application site)	No Data	SAR: On 27 Jun 2015 a Great Dane mix was vaccinated with Nobwac SHPPI and Nobwac LB and sumultaneously EUR of SHPPI and Nobwac T concurrently. Doth injectitions on the right lateral abdominal wall approx 3-4 cm apart. On 28 Jun the dog had shown a swelling at the injection site which was progressing and had massively extended until 29 Jun. The dog was then presented to the with lee whether of the site of the si	Crossbred t		Nobiwa L 4 - 1.N/N/N A 2.4 1 Dose Once 1 Animal (2706/2015- 27)66/2015-8R-N-bobwa SHPH - 1.N/A/N - 2.4 1 Dose Onc 1 SHPH - 1.N/A/N - 2.4 1 Dose Onc 1 Animal (2706/2015- 2706/2015)-8R-N-bobwa C T - 1.N/A/N A 2.4 1 Dose Once 1 Animal (27)66/2015-27/06/2015)-8R6R-	B - Possible	
NOBIVAC L4 DE-NLINTVINT-:	2015-DE-00919 (Sermany	Animal	Canine/dog	10 Year(s)	16/06/2015	10/07/2015	1 1	0 27/			Discus prolupse, Localised pain NOS (see other SOCI for specific pain), Musculoskeletal disorder NOS, Pancreatitis	Not Known	Follow-up from 07 Aug 2015: Dog had a prolapsed intervertebral disc in the cervical area. Surgery was performed and the dog immediately improved afterwards. Funcreatic blood values are still increased, but no clinical signs. Case closed. SAR: On 16 I/IN 2015 one dog was succinated with Nobback L4 in the shoulder area. Approx. 1.5 weeks later the dog was not able to raise the head properly and was very painful at the shoulder and neck. It was not possible to touch the dog in this area. The dog was presented to various vest without finding no abszex, no finding in a rays. In Endog was treated with an approximate of the state of th	Other Canine/dog		Nobiwa L I - N/AN/AN/A 24.Unknown Nore I Animal (16/06/2015- 16/06/2015)-88R-SB-unknown analgetics - N/AN/AN/A 24.Unknown Unknown I Animal (13 Day(s) 27/06/2015- 10/07/2015)-88R-KBP	N - Unlikely	

NOBIVAC L4	DE-NLINTVINT-2015-DE-00920	Germany	Animal	Canine/dog	3 Month(s)	25/06/2015	10/07/2015	1 1	0 2	5/06/2015	Yes, <b R> Yes</b 	Allergic reaction, Swollen face (see also 'Skin')	No Data	Sap Alverse Reaction: On 25 Jun 2015 a 12-week old puppy was vaccinated with Nobivas SHPR and Nobivas L. P. Previous vaccination at 8 weeks of age had been performed in another the practice with non-company vaccine without problems. Approx 30 minutes after the vaccination the dog showed storing allegic reactions and the head was strongly swollen. The dog was treated with Cortisone, whereafter improvement/recovery was seen. It is considered that the dog has fully recovered. Case closed. [Reason for use for product: Genetic: LOPPR IV 18 mand: NOBIVAS-EIPPS 5001D5 520 Reason: Unknown! Takes the health; Good!	Chihuahua :	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Once 1 Animal (25/06/2015- 25/06/2015) Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Once 1 Animal (25/06/2015- 25/06/2015) 	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-DE-00973	Germany	Animal	Canine/dog	9 Year(s)	13/07/2015	21/07/2015	1 1	1 1	3/07/2015	Not Known, dR> <brs-gr> Not Known</br></brs-gr>	injection side swelling Death, Swelling Diarrhoea / Jorniting Death, Feer_Skin and tissue infection NOS.Elevated liver enzymes_Shaking	Not Known	SAR: On 31 ail 2015 a dag was vaccinated with Nobbac PI and Nobbac LA. At the same time bloods were taken, because dental treatment was planned. Test results showed only slight velevated liver values, but ortherwise were normal. On the next day (14 all) the dag was shaking and showed a swellin at the injections live which had enromously increased wild 17 Jul. when the dag was presented to the vel, to approx 10x10 cm, solid and approx 1 cm in depth. Body temperature was 39.5 °C. Cytological examination via fine-needed apriation revealed no bacteria but only a few enverlights. Therefore, the vels suspected at reaction of the fatty tissue (dog was highly overweight). Onal treatment with Rimadyl. On 20 lul the dog was again presented with flew of 20°C, vomining, darfine. Allocus membranes and pulse were normal, according to the vet the condition was not critical. The swelling was softer, so the vet suspected that an abscess had formed widn'th owald soon heak open. Immaly was stopped because of the gastrointestimal symptoms and the dog was further treated with NCP. Bayfril and medication for stabilizing the inestical Binson. On the way home and in the evening further conting. The next day in the moming the dog ded. The owners did not want a pathological examination. The vet suspects a selection and/or paracrestitis. No more information expected. [Reason for use for product: Genetic: CANINE PARAINTILETIZAL V. Brandt. NOBINAC P. 100:IDS 500 Reason: Vaccination [State of health: God/CLA, CARGEP, BRAT] NB Brand: NOBINAC L4 50XIDS 540 Reason: Vaccination [State of health: God/CLA, CARGEP, BRAT] NB Brand: NOBINAC L4 50XIDS 540 Reason: Vaccination [State of health: God/CLA, CARGEP, BRAT]	Other Canine/dog	13.6	Nobbac L4 - N/AN/AN/A 24_Unknown Ore 1 Animal (13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015- 13/07/2015-	O - Unclassifiable/unassessa ble	
	DE-NEINTVINT-2015-DE-01049	Germany	Animal		11 Week(s)			2 2			Not Known,
 >CBR> Not Known</br 	Restlesones, Swelling around eye, P.acial swelling (see also 'Skin'), Urticaria, Anal oedema	Not Known	SAR: On 20 Jul 2015 two puppers from the same litter were vaccinated with Nobinos SIPPR, Nobinoc List and Nobinoc T. Previous sociational on weeks before with an on-company vaccine had been tolerated well. Approx half an hour after the vaccination, when the owners arrived at home, the male puppy was reculted to the total control of the male puppy was required to the to the vat and durinknown) medication was injected. Aff list the symptoms improved, but at home it worsened again. Additionally, the owners noticed that the female puppy showed weelings around the eyes and at the snot and was nabing its behind on the floor (the owner suspects woulden murcous membranes also at the anogenital region). Both dogs were reserved to the vest again and were treated with a cortisore. Agronx SF min stert the swellings had subsided and both dogs were able to go home. In the evening both dogs were rully recovered. Case closed. [Reason for vice for product. Genetic: DIPPP IV Brand NOBINAC SPIPP 1001D5122 Reason: Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBINAC T 10XIDS 620 Reason: Vaccination [State of health: Good]	Boxer (German 5 Boxer)	Not Known	Nobinat L4 - 1.N/A,N/A, 24.1 Dose Once (2)007/1031-2 00ce (2)007/1031-2 2)007/2015-08R8IB-Nobinat SHPP1 - 1.N/A,N/A, 24.1 Dose Once (2)0/07/2015-2 2)007/2015-2	B - Possible	
	DE-NLINTVINT-2015-DE-01050	Germany	Animal	Canine/dog		18/07/2015		3 3			R-cBP-cBP-No.	Elevated Ilgase, Bissophila, Elevated creative-Hisse (C./Anemia NOS.J.vmbocytosis, Head tilt - ear disorder, Pupil disorder, Balling, Ataxia, Jinappetence, Weight loss, Irangal weight loss, Irangal proprioception, Albon mai test estati, Neurological symptoms NOS.5hyoalbuminae-mia, Hyperfala emia, Thrombocytosis	Unauthori sed dosage - other	SAR: Two Chituahua bitches of the same owner were vaccinated on \$1.01.0015 with Nobbus SPPF and Nobbus C Toucurently, all vaccines in half obee. Both Obgs had no and Nobbus L 6 was placed to the same of the sam	Chihuahua		Nobwac L4 - S.N/AN/A 24.0.5 Dose Once 1. Animal (18/07/2015) - 18/07/2015)-eRRRB-Nobwac SHPH - S.N/AN/A, 24.0.5 Dose Once 1. Animal (18/07/2015) - 18/07/2015-RB-Nobwac - 18/07/2015-RB-Nobwac - 15/07/2015-RB-Nobwac - 15/07/2015-RB-Nobwac - 15/07/2015-RB-Nobwac - 18/07/2015-RB-Nobwac - 18/07/2015-	O - Unclassifiable/unassessa bie	
NOBIVAC L4	DE-NUNTVINT-2015-DE-01055	Germany	Animal	Canine/dog	12 Month(s)	18/07/2015	11/09/2015	1 1	0 2	9/07/2015	R> No, <	Leucocytosis, Jymphocytosis, Inaped rece, Weight los, Ahomal Test result, Neurological oymptoms NOS, Thrombocytosis, Basophilia	Unauthori sed dosage - other	SAR. Two Chituahua bitches of the same owner were vaccinated on 18 Jul 2015 with Nobbus SIPPI and Nobbus C I administration of the SIPPI and Nobbus C Tournershyl, all vaccines in half does. Both dogs had been vaccinated with Nobbus SIPPI and Nobbus C Tournershyl, all vaccines in half does. Both dogs had been vaccinated with Nobbus SIPPI and Nobbus C I in the year before without reactions, Nobbus L I was given for the first time. Approx the dwy after vaccination the dogs were brought to an animal persion. This case describes the reactions in the younger bitch. The dog showed inappetence from the first day she was in the persion (approx 19 Jul) and would only eat little amount of sausage. Approx or 25 Jul the dog showed mild neurological symptoms (not further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dog was presented to the vet of the persion on 27 Jul and returned with further specified). The dogs showed no neurological symptoms anymore. The owners 10 the persion on 28 Jul 10 not 8 Jul 10 days the dogs were brought to the attending vet and the owner reported what had happened. At that time both dogs had regained their presents. The owners are committed what the days specified with the vetors were caused by the vaccination. The older bitch had shown at tick little approx 2 months before, which had been inflamed, so the vetos not exclude Boenius Soff fair, and diagnostics had been performed. Therefore, we asked to do some Bood examinations. On 09 Aug blood text results from 06 Aug were received: slight except costs as 10 th 10 feet -20 Jul medium grade text promocycl	Chihuahua	1.7	Nobwa (14 - S.N/AN/A, 24,0.5) Dose Once 1 Animal (18/07/2015- 18/07/2015)+RB-N-bobvac SHPP - S.N/AN/A, 24,0.5 Dose Once 1 Animal (18/07/2015- 18/07/2015- 18/07/2015-RB-N-bobvac - 1- S.N/AN/A, 24,0.5 Dose Once 1 Animal (18/07/2015- 18/07/2015)+RB-N-bobvac - 1- S.N/AN/A, 24,0.5 Dose Once 1 Animal (18/07/2015- 18/07/2015)+RB-N-BR-N-BR-N-BB-N-BB-N-BB-N-BB-N-BB-N	O - Unclassiflable/unassessable	

	DE-NLINTVINT-2015-DE-01074	Germany	Animal	Canine/dog	8 Year(s)	15/07/2015	17/09/2015	1 1	0 1	7/07/2015	Not Known,
 <br< td=""><td>Nomer's yydrome, kalematuria, Stridor (Upper resipiratory, for lower resipiratory see lab Stronchial raile), Abnormal test result, Weakness</td><td>Not Known</td><td>SAR: On 15 Jul 2015 an 8-year-old Golden Retriever was vaccinated with Noblacs L4 and Noblacs 17 by Golden And Noblacs L7 by Golden Schrieber Schr</td></br<></br 	Nomer's yydrome, kalematuria, Stridor (Upper resipiratory, for lower resipiratory see lab Stronchial raile), Abnormal test result, Weakness	Not Known	SAR: On 15 Jul 2015 an 8-year-old Golden Retriever was vaccinated with Noblacs L4 and Noblacs 17 by Golden And Noblacs L7 by Golden Schrieber Schr
NOBIVAC L4	DE-NLINTVINT-2015-DE-01089	Germany	Animal	Canine/dog	3 Month(s)	11/08/2015	17/08/2015	1 1	0 1	1/08/2015	Yes, <br R> >Yes</br 	Hyperthermia, Lethargy (see also Central nervous system depression in 'Neurological'), Facial oedema, Anaphylactic-type reaction, Diarrhoea, Panting	No Data	SAR: A pupp, born on 24 Apr 2015, was vaccinated on 11 Aug for the first time with Nobbiac SHPP1 and Continental Not Nobbiac L4. 30 min later the dog showed panting and was lethargic. Some hours later dog showed an Toy Spaniel - Papillon (with Papillon (with Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a different blich. (Reason recet ears) Inliked to case 2015-DE-01009, which is a dog of the same breeder but from a
NOBIVAC L4	DE-NLINTVINT-2015-DE-01090	Germany	Animal	Canine/dog	3 Month(s)	11/08/2015	17/08/2015	1 1	0 1	L/08/2015	Yes, <b R> Yes</b 	Diarrhoea,Bloody diarrhoea,Panting,Hyperthermia,Let hangy (see also Central nervous system depression in "Neurological"),Facial oedema,Anaphylactic-type reaction,Apathy	No Data t	SAR: A puppy, born on 24 Apr 2015, was vaccinated on 11 Aug for the first time with Nobhaca SHPP1 and Continental Nobbaca Case of the SAR A puppy, born on 24 Apr 2015, was vaccinated on 11 Aug for the first time with Nobbaca Case of the SAR A puppy of the SAR
	DE-NLINTVINT-2015-DE-01095	Germany	Animal		5 Year(s)	17/07/2015	17/08/2015	1 1			Yes, <b R> No</b 	Injection site abscess,Injection site necrosis,Injection site pain,Weakness,Fever		SAR- On 17 Jul 2015 a dag was succinated with Nobine CS 1997 and Nobine CL 4, dimultaneous use. on. Australian Ball 2015 the day sweek, 46.5 *Feer, pain on area of thoras (injection site). On 12 up 2015 clearly (Sepherd Dog Voilbe, by gabress, fluctuating, which was opened by supery from the attending vet, in the next weeks superior control six, wound notibet, still under retainment on 17 Jug 2015, but improvement. Not urther information available. Case closed. (Reason for use for product: Generic: DRPPI LV Brand: NOBIVAC 45 UNDIVISED SARON: Vaccination) (State of health: Good) 45 SOXIDS 540 Reason: Vaccination) (State of health: Good)
NOBIVAC L4	DE-NLINTVINT-2015-DE-01104	Germany	Animal	Canine/dog	3 Month(s)	17/08/2015	18/08/2015	1 1	0 1	7/08/2015	Yes, 	Anaemia NOS,Letharry (see also Central nervous system eigeresion in 'Neurological'),Anaphylactic-type reaction,Urination,Hyporeflexia,Uri responsive to stimuli	No Data	SAR: On 17 Aug 2015 a day was vaccinated with Noblova SHPPI, Noblova C. I., Noblova T. (SHPPI and T. Crossbred Organization Shering L. Sagarating Variety Les Agrants you the other side). Approx. induse to max. 12 Palou Interp. anaphylastic shock reactions occurred. The owners had left the practice when the dog showed uncontrolled uniform and got lethargic (logis is usually very active). They then came beaks to the practice where the dog was not responsive anymore, had no reflexes, was high-grade anaemic promoter of the proposit. Genemic: LHPTO Valent: Deal Processing Land Shering Variety Shering Valent Shering Variety Shering Valent Shering Valent Shering Variety Shering Valent Shering V
	DE-NLINTVINT-2015-DE-01110	Germany	Animal			01/04/2015	19/08/2015	2 2			Not Known	Anaphylactic-type reaction	Not Known	Suspected Adverse Reaction: The vet Changed vaccination management from another MAH to Other Not Not Notward New morths against certain growing and the Change of the Case etchylogologologologologologologologologolog
NOBIVAC L4	DE-NLINTVINT-2015-DE-01161	Germany	Animal	Canine/dog	3 Month(s)	23/06/2015	18/09/2015	2 2	0 2	5/06/2015		Allergic reaction Facial swelling (see dan's Skinf), Trembiling Polyuria, Piena disorder NOS	No Data	Suspected Adverse Reaction: 2 pupples from one litter (Maltere-Mix, one female "Sumy"; one male Crossbred Organizate), where sides) on 23 Jun 2015 at the age of 12 weeks. According to the owner, they developed spages, a day, later an allege accordance reaction with facial selevilla, restanting, polyprist, which worsered in the course of the following weeks. An alternative practitioner diagnosed based on boneragetic hair assumations) amunt to high dosage of vaccines and thereby (allegedly intoxication. The owners contracted an emergency service 4 weeks after the vaccination, but only went to the secretary practition of values of the following weeks. An alternative practition of 23 Jul 2015. It is a subject to the contract of a memperity service 4 weeks after the vaccination, but only went to the succination-during of the kidneys. In the meantime, one do is doing quite well again, but the other is still unrating qualter much funknown which). The ver will possibly provide the batch numbers of the vaccination of kidney-diamage and possibly provide the the batch numbers of the vaccination of four use for product: Generic: Deep Vol Brand MOBINAC SIPPI SOLIDS 508 Reason: Vaccination Generic: EEPTO* All(CANG,KEIPPB RATE) SEATION OF SEATION O
NOBIVAC L4	DE-NLINTVINT-2015-DE-01187	Germany	Human	Human	Not Known	01/09/2015	01/09/2015	1 1	0 0	1/09/2015	Not Known, Not Known, <r> <r known<="" not="" td=""><td>Swelling NOS</td><td>Not Known</td><td>Human Exposure Symptomatic: A vet assistant vaccinated a dog with Nobivac SHPPI and Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L5 — ABRBR-Nobivac L</td></r></r>	Swelling NOS	Not Known	Human Exposure Symptomatic: A vet assistant vaccinated a dog with Nobivac SHPPI and Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L4 — ABRBR-Nobivac L5 — ABRBR-Nobivac L

	DE-NLINTVINT-2015-DE-01261	Germany	Animal	Canine/dog	15 Month(s)	14/09/2015	17/09/2015	1 1	0 14/	09/2015 Y	Yes, >BR>Not Known, >BR > >CBR > >CBR > >CBR Not Known	Allergic oedema,Anaphylactoid reaction,Breathing difficulty,Urticarial rash	No Data	SAR: A day was vaccinated on 14 Sep 2015 with Nobivac SHPPI, Nobivac L4 and Nobivac T. The vet could not remember if SHPPI was mised in one syringe with L4 for-balley) or with Ynicht novoid be extra-bable). 30 minutes later welling of the mucrosa, breating difficulty, life theratening situation according to owner, generalized rash. Treatment with cortisons, soon recovered. Anaphylactic reaction supposed. Dog was treated with Nobivac products as before without reaction. Case closed. [Reason for use for product: Generic. DHPPI LV Branch NOBIVAC SHPPI DIXILDS 122 Reason: Vaccination Generic. EEPTO-4[ICT_KANGEPPBART) list Branch NOBIVAC SHPPI DIXILDS 520 Reason: Vaccination Generic. RABIEST N.ALU ADILUVANT KV Branch NOBIVAC TOXIDS 520 Reason: Vaccination Generic RABIEST N.ALU ADILUVANT KV Branch NOBIVAC T 10XIDS 520 Reason:	Miniature Dachshund	4.4	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (14/09/2015- 14/09/2015-BR>-BB>Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once (14/09/2015-N/A)-BR>-BB>Nobivac - 1,N/A,N/A, 24,1 Dose Once (14/09/2015-14/09/2015)-BB>-BB>	B - Possible	
NOBIVAC L4	DE-NLINTVINT-2015-DE-01269	Germany	Animal	Canine/dog	12 Year(s)	24/08/2015	17/12/2015	1 1	0 01/	08/2015 	Not Known,
BR> Not Known</br 	Neuralgia, Neuromuscular disorder NOS, Pain NOS	Not Known	Sispected Adverse Reaction: A dog (Bachshund-Mink) was vaccinated with Nobbace I and Nobbace L by another vet approx. on 24 Aug 2015. After the vaccination, the dog showed respectsion of pain, couldn't move the head well, had cervical spine - syndrome, neuraligae. According to the owner, the problems had started immediately after the vaccination, but according to the value, they started approx on 07 Sep 2015. On 10 Sep 2015, the dog was presented in the practice. Tests performed: Myelography: negative, Liquor-examination: negative, Toxobismosis: negative. After analgetic therapy, improvement occurred. The vet will try to clarify further details about the vaccination, the time to onset and the current studies of or the One of the Control of the Co	Crossbred	14	Nobina CL - N/AN/AN/A N/Au/Annown (20/8)(2015- 24/08/2015)-BRBR-Nobina PI- N/AN/AN/AN A/A/An/Anown (24/08/2015-24/08/2015)-BRBR-	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DE-NLINTVINT-2015-DE-01280	Germany	Animal	Canine/dog	10 Month(s)	18/08/2015	17/11/2015	1 1	0 12/	09/2015 Y	Yes, <br R> NO</br 	Lameness	No Data	SAR. Approx on 18 Aug 2015 a dog (Breed: Hooward) was vaccinated simultaneously with Nobivac SHPIP(ELU) simultaneous used and Nobiock 1.6.3.5 weeks later the dog Started to Abow a lammess at SHPIP(ELU) simultaneous used and Nobiock 1.6.3.5 weeks later the dog Started to Abow a lammess at the left him die, The dog showed no abnormalities concerning the reflexes. Further diagnositis, (x-ray of litum and humbar spine) will be performed. No treatment until now. If Us expected, Note: Dog already showed similar symptoms (but much more severe) after prior vaccination in approx refs 2015 (see lanked case 2015-0-0-1283), 1700-up (from 17 Nov 2015). No further information was received although the vet was contacted several times. Case closed. (Reason for use for product: Generic: DHPPL IV Branch NOMIAC SEPP) SDIOLS 50.20 Reasons (vaccination Generic: LEPTO*4(TC_CAN_GRIPP_BRAT) KB_Brand: NOBIVAC L4 50X1D5 540. Reasons: Unknown.) [State of health. Good!	Hovawart	28.1	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (18/08/2015- 18/08/2015-18/HS-RB-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Once 1 Animal (18/08/2015- 18/08/2015)-BR>-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4		Germany	Animal		4 Month(s)	01/02/2015	18/09/2015	1 1			Yes, <b R> NO</b 	Lameness,Paresis	No Data	SAR. Approx in Feb 2015 a dog [breed; Howawar] was vaccinated simultaneously with Nobawa; SHPP [EUL: simultaneous] used and Nobawa. Let an age of approx. Let week by another v.f. weeks itself the dog started to show lameness and paresis (not known at which externtly/les). Further diagnostics revealed no abnormalities. Treatment with Cortisone and antibilities showed improvement. All of this had been performed by the vaccinating vet, the reporting vet was first contacted by the owners when dog had almost recovered (approx. March 2015). Therefore, only very sparse information is available. No more information expected to this case. Note: The dog showed similar symptoms (only lameness, not as several after the following vaccination in approx. Aug 2015; feel inliked asset 2015-60 1280, Intelletween the two events the dog had completely recovered. [Reason for use for product: Genetic: DHPPI LIV Branch ADMIAC-SEPH SIGNOS 620 Reasons: Vaccination Genetic: LEFTO*4(TC,AM,GRIPP,BRAT) (3B Brand: NOBIVAC L4 SOXIDS 540 Reasons: Unknown.) [State of health! Information.]	Hovawart	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 A nimal (01/02/2015- 01/02/2015)=R8+csBNobivac SHPP1 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/02/2015)=RR- 	O - Unclassifiable/unassessa ble	_
	0E-MLINTVINT-2015-DE-01311	Germany	Animal		3 Month(s)	01/10/2014	22/09/2015	1 1				Arteritis. Meningtis. Lethurgy (see also Central nervols system also Central nervols system depression in Neurological Packstant to move. Nausea. Neuropathy NOS, General Illness	Not Known	SAR. Aver reported that her own dog was diagnosed with Polyneuropathy / SIMA (Steroid-Responsible Amount of the Common of the Co	Pointing Griffon	Not Known	Nobhuc L4 - N/AN/AN/A Weeks, 24. Unknown Twice 4 Week(s) [01/10/2014- 01/10/2014- BR>-BR>	O - Unclassiflable/unassessa ble	
	DE-NLINTVINT-2015-DE-01314	Germany	Animal			01/10/2014	24/09/2015	1 1				Meningtis, Neuropathy NOS, Reluctant to move. Arteritis, Nausea, General illness, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	SAR. While reporting symptoms in her own dog which was diagnosed with Polyneuropathy / SBMA (Skrodi-Besponsite Menolight-Arenting) (see linked case 2015-06-01311) the ver mentioned that one of the litter mates (brother) of her dog had shown the same symptoms with meningitis (start data unknown, approx. 2015; symptoms reported for own dog intermittent episodes of lethagy, reluctant to move, nauses, critical condition, SMMI. The dogs had been vaccinated with Nobeac L4 at the breeder when they were pupples [2 vaccinations within 4 weeks; exact date not known, approx Oct 2014]. It was questioned if vaccinations with Nobeac L4 might trigger this disease in genetically predisposed dogs. The dog had been treated with Contisone and was now doing well (no date predisposed dogs. The dog had been treated with Contisone and was now doing well (no date assessment is unclassified. She does not exclude a genetical cause, since the breed of the dogs (infortio) is very similar to other breed for which a genetical predisposition has been described. (Reason for use for product: Generic LEPTO*4(Dr.CAM,GRIPP,BRAT) KB Brand: NOBINAC L4 SOXIDS 548. Reason: Vaccination! IState of health; Unknown!)	French Wire- haired Pointing e Griffon	Not Known	Nobise: L4 - N/AN/AN/A New6s; 34 Linknown Twice 4 Week(s) (0)/10/2014- 01/10/2014/-68n-48R>	O - Unclassifiable/unassessa ble	
	DE-NLINTVINT-2015-DE-01323	Germany	Animal		Not Known	28/04/2015	23/09/2015	1 1		1	R> Yes	Lack of efficacy,Death by euthanasia	No Data	SLEE: On 28 Apr 2015 an adult dog was vaccinated with Nobbace L4 and Nobbace P mixed in a yringe. In the year before the dog was not vaccinated against teprognosis. A second immunitation with L4 was not carried out, because owner was not informed that a revaccination in a weeks would be necessary. But nearly exact 4 weeks late, no 29 May 2015, dog became III, vontide several times. First diagnosis: digestive problems. Blood test: abnormal kidney values (reported as extremely poor). The dog was fornexeded to 2 vet cimics. In the beginning of Jan 2015 owner was tot lift dog is positive religious of the production of t	Crossbred	31	Nobhac 14 - 1,N/N/A, 24,1 Dose Once (28/04/2015) 28/04/2015;4BR-+BBN-hobiwac PI -1,N/A/N/A, 24,1 Dose Cnce (28/04/2015-28/04/2015)•BR>−SBR>	N - Unlikely	
NOBIVAC L4	OE-NLINTVINT-2015-DE-01326	Germany	Animal	Canine/dog	3 Month(s)	23/09/2015	25/09/2015	1 1	0 23/	09/2015 i	Yes, RX-BRX-BRX-NO, <brx-brx-brx-brx-brx-brx-brx-brx-brx-brx-< td=""><td>Dyspnes. Dederma NOS (see other SOXS for specific oedmass/facial oedema, Allergic reaction, Tiredness</td><td>No Data</td><td>SAR. The vet vaccinated a puppy (Terrier-Mis) once with Nobince SHPP) and Nobince L4 on 17 Aug. 2015, then one week later, on 24 Aug. 2015, with Nobince 17 the dig tolerated all these vaccinations well. After the booster-vaccination with Nobince SHPP and Nobince L4(alimuthaneously, ELI for SHPP and Nobince T (concurrently) on 23 Sep 2015. at approx. 1. In a., it showed a strong allerige reaction with edem at the whole body. The owners called the vet approx. 1 hour after the vaccination, when the proof of the proper disperse and that the face was closed by weeling. A ways pitting or other allergenic influences can be excluded. The vet injected cortisone on the same day and 1 hour later, the dog was still the aft of the Case state with the face was colored by weeling. A ways pitting or other allergenic influences can be excluded. The vet injected cortisone on the same day and 1 hour later, the dog was still the aft of the Case state of the control of the concurrence of the control of the control of the control of the Case of the Later of the Case of the Case of the Case of the Case of the Later of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Later of the Case of the Case of the Later of the Later of the Case of the Later of the Case of the Later of the Later of the Later of the Later of the Later of the Later of the Later of the Later of Later of Later</td><td>Crossbred)</td><td>3</td><td>Nobina L 4 - 1.N/N/N/A 2.4 1 Dose Once 1.4 nimal 2(90/2015- 23/99/2015)-8R8B-Nobinac SHPP - 1.N/A/N/A 2.4 1 Dose Once 1 Animal (23/99/2015- 23/99/2015)-8R8R-Nobina C 1 1/N/N/A/A 2.4 1 Dose Once 1 Animal (23/09/2015-23/09/2015)-8R8R-</td><td>B - Possible</td><td></td></brx-brx-brx-brx-brx-brx-brx-brx-brx-brx-<>	Dyspnes. Dederma NOS (see other SOXS for specific oedmass/facial oedema, Allergic reaction, Tiredness	No Data	SAR. The vet vaccinated a puppy (Terrier-Mis) once with Nobince SHPP) and Nobince L4 on 17 Aug. 2015, then one week later, on 24 Aug. 2015, with Nobince 17 the dig tolerated all these vaccinations well. After the booster-vaccination with Nobince SHPP and Nobince L4(alimuthaneously, ELI for SHPP and Nobince T (concurrently) on 23 Sep 2015. at approx. 1. In a., it showed a strong allerige reaction with edem at the whole body. The owners called the vet approx. 1 hour after the vaccination, when the proof of the proper disperse and that the face was closed by weeling. A ways pitting or other allergenic influences can be excluded. The vet injected cortisone on the same day and 1 hour later, the dog was still the aft of the Case state with the face was colored by weeling. A ways pitting or other allergenic influences can be excluded. The vet injected cortisone on the same day and 1 hour later, the dog was still the aft of the Case state of the control of the concurrence of the control of the control of the control of the Case of the Later of the Case of the Case of the Case of the Case of the Later of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Later of the Case of the Case of the Case of the Later of the Case of the Case of the Later of the Case of the Case of the Later of the Later of the Case of the Later of the Case of the Later of the Later of the Later of the Later of the Later of the Later of the Later of the Later of Later of Later	Crossbred)	3	Nobina L 4 - 1.N/N/N/A 2.4 1 Dose Once 1.4 nimal 2(90/2015- 23/99/2015)-8R8B-Nobinac SHPP - 1.N/A/N/A 2.4 1 Dose Once 1 Animal (23/99/2015- 23/99/2015)-8R8R-Nobina C 1 1/N/N/A/A 2.4 1 Dose Once 1 Animal (23/09/2015-23/09/2015)-8R8R-	B - Possible	

	DE-NUNTVINT-2015-DE-01329	Germany	Animal		12 Month(s)		28/09/2015	1 1		R> <bbr< td=""><td>×BR>×BR>Yes, 3R>×BR>×BR× 4>×BR>Yes</td><td>Lack of efficacy</td><td>Other</td><td>SLEE: Dog, Labrador-Retriever-Mix was vaccinated when it was 8 weeks old at the breeder with a Labrador multinorm vaccine. On 26 Nov 2013 at feming vet vaccinated with Noblavas CFIPP, Obbhorus ct and Noblava CFI. Revaccination after 3 weeks, on 17 Dec 2014, (EU. treatment program not respected) with Noblava CFIP. On 26 pp. 2015 day was presented as emergency crease, not rever. Therapy, Cerenia, Traumect. On 22 Sep 2015 presented again with vombus, darrinose, icterus. Quickets: "Winters of treatposprises was posture. Blood tests towed increased kidney values: urea (\$15.1 mm0/L), creatming 708 mm0/L). Finishpate, Billiubis, ALR Prospipatiate. Therapy influsion, hospitalized, Amosocial verifications, 107 Sep 2015 Stower and with was sent on a vest than and PCR interpretations of the prospination was sent on a vest than and PCR interpretations. The prospination is sent to the sent than and PCR interpretations of the properties of the prospination of the prospination of the properties of the prospination of the properties of th</td></bbr<>	×BR>×BR>Yes, 3R>×BR>×BR× 4>×BR>Yes	Lack of efficacy	Other	SLEE: Dog, Labrador-Retriever-Mix was vaccinated when it was 8 weeks old at the breeder with a Labrador multinorm vaccine. On 26 Nov 2013 at feming vet vaccinated with Noblavas CFIPP, Obbhorus ct and Noblava CFI. Revaccination after 3 weeks, on 17 Dec 2014, (EU. treatment program not respected) with Noblava CFIP. On 26 pp. 2015 day was presented as emergency crease, not rever. Therapy, Cerenia, Traumect. On 22 Sep 2015 presented again with vombus, darrinose, icterus. Quickets: "Winters of treatposprises was posture. Blood tests towed increased kidney values: urea (\$15.1 mm0/L), creatming 708 mm0/L). Finishpate, Billiubis, ALR Prospipatiate. Therapy influsion, hospitalized, Amosocial verifications, 107 Sep 2015 Stower and with was sent on a vest than and PCR interpretations of the prospination was sent on a vest than and PCR interpretations. The prospination is sent to the sent than and PCR interpretations of the properties of the prospination of the prospination of the properties of the prospination of the properties of th
	DE-NLINTVINT-2015-DE-01373	Germany	Animal	Canine/dog		15/09/2015	07/10/2015	1 1		R>	×BR>≺BR>No	Diarrhoea,Fever,Meningitis	No Data	SAR: One dog [breed Bracke] was vaccinated simultaneously with Nobivac SHPR] and Nobivac Lot on 15 Other Garnie/dog Fever and so was presented to the vet on 15 Sept. There treatment with antiblotic, analyses and any adaptavatic was started without success. Rescree seamination was without abnormalities. Other vet started treatment with sulfornamid, also nor change in clinical signs. The animal was presented to a clinic on 3 Oct. After liquor examination SRMA (sterior directors where the started treatment with sulfornamid, also nor change in clinical signs. The animal was presented to a clinic on 3 Oct. After liquor examination SRMA (sterior directors) and improved, but its till under treatment. Case closed. Note: product was used for the first time, prior vaccination performed with other vaccine. [Reason for use for product: Generic: LEPTO*4(ICT,CAM,GRIPP,BRAT) XB. Brand: NOBIVAC:14 SOXIDS:540 Reason: Vaccination [State of health; Godding Control of the control of
	DE-NUNTVINT-2015-DE-01379	Germany	Animal	Canine/dog	8 Week(s)	01/10/2015	20/11/2015	3 1	1 06/3		ss, <br≻ ≺BR</br≻ 	Not eating_lateral recumbency,Death,Convulsion,Dlar rhoea	No Data	SAR- On Did C 2015 3 pupples (nor male, two female) from one litter were vaccinated with Nobivac Chihwahua SPRP 34 Nobivac LC Influendes variege. LIV (nor SPRP) First, no problems occurred. On Oil SC 12015, the oligi was presented in the practice and didn't eat, was in leartal position, howing convolutions and disurhorea. Barium sulfate (BaSG4) was given and further symptomatic treatment was applied. In the night from 06 to OT 02 103, the olive was applied and the properties of the practice and didn't eat, was in leartal position, below growing and control to the breder. At the moment, the dog is not the way of improvement (is stabilizing), but still under treatment. The vet suspects soon recovery and will inform us only if wornering bodul occur. Otherwise case closed. Note: The female pupples showed no symptoms. Follow-up from 20 Nov 2015: while reporting a new unrelated case, the vet also mentioned following information for this case: It was the first Noblew accusation for this docs. It was the first Noblew accusation for the size of use that the first Noblew accusation for the size of use that the first Noblew accusation for exercise is very complicated, because the owners had been at another practice in the meantime, and it is unknown with which medication the dog plan been retreated then. No further information (geamination results / section ext.) available. Case closed. [Reason for use for product: Generic: LEFTOY*4](CT.CAV,GRIPP,BRAT) XB Brand: NOBWACL45 SOXIDS 540 Reason: Vaccination [State of health: Case Closed School accusation of the case as a series of the complex of the case as a series of the case as a very complicated, because the owners had been at another practice in the meantime and it is unknown with which medication the dog base in variety of the case as very complicated, because the owners had been at another practice in the meantime and it is unknown with which the dog as a series of the case as very complicated, because the owners had been at another practice in the meantime and it is un
NOBIVAC L4	DE-NUNTVINT-2015-DE-01384	Germany	Animal	Canine/dog	4 Month(s)	16/07/2015	17/12/2015	2 2	0 30/0	No Kn	ot nown, ot KBR> <td>Autoimmune disorder NOS,Polyarthritis, iameness,Localis ed pain NOS (see other 'SOCs' for specific pain),Abnormal test result</td> <td>Not Known</td> <td>SAR: Two dogs of one litter (Direct-8 Borzo), one male and one female) were vaccinated with Noblova. SAR: Two dogs of one litter (Direct-8 Borzo), one male and one female) were vaccinated with Noblova. SAR: Two dogs of one litter (Direct-8 Borzo). Two directs (Direct-8 Borzo). SAR: Two dogs of the sarrow directs and the limb. The dog was treated with NSAIDs without success. SAR rays were performed without abnormalities. In a clinic blood was tested for infectious diseases (Ethicika), Borrella ,) without findings. Sprovial tested negative for bacteria, but in pathology a mild neutrophilic arthritis was seen. Immume mediated Polyarthritis was diagnosed. Treatment with Predinsione was started and dog showed improvement but no recovery yet. The male dog from the same little showed the same problems, but not as sever as the female dog. No diagnositis were performed, but treatment with Predinsione also showed improvement for in 72 Dec. 15. The male dog was diagnosed with signment listons. No immunological processes involved. It was not probable to get more information or instender it of the female dog. Clean closed, (Reason for use for product: Generic. DIPPI LV Branch NOBINAC. 1997 SOLIDS 208 Reason: Vaccination Generic. LPTV-9 (EC), CAM, GIRPS BANK) Bits Branch NOBINAC. 1990. 100 Dec. 100 De</td>	Autoimmune disorder NOS,Polyarthritis, iameness,Localis ed pain NOS (see other 'SOCs' for specific pain),Abnormal test result	Not Known	SAR: Two dogs of one litter (Direct-8 Borzo), one male and one female) were vaccinated with Noblova. SAR: Two dogs of one litter (Direct-8 Borzo), one male and one female) were vaccinated with Noblova. SAR: Two dogs of one litter (Direct-8 Borzo). Two directs (Direct-8 Borzo). SAR: Two dogs of the sarrow directs and the limb. The dog was treated with NSAIDs without success. SAR rays were performed without abnormalities. In a clinic blood was tested for infectious diseases (Ethicika), Borrella ,) without findings. Sprovial tested negative for bacteria, but in pathology a mild neutrophilic arthritis was seen. Immume mediated Polyarthritis was diagnosed. Treatment with Predinsione was started and dog showed improvement but no recovery yet. The male dog from the same little showed the same problems, but not as sever as the female dog. No diagnositis were performed, but treatment with Predinsione also showed improvement for in 72 Dec. 15. The male dog was diagnosed with signment listons. No immunological processes involved. It was not probable to get more information or instender it of the female dog. Clean closed, (Reason for use for product: Generic. DIPPI LV Branch NOBINAC. 1997 SOLIDS 208 Reason: Vaccination Generic. LPTV-9 (EC), CAM, GIRPS BANK) Bits Branch NOBINAC. 1990. 100 Dec. 100 De
	DE-NLINTVINT-2015-DE-01387	Germany	Animal		12 Week(s)		22/10/2015	1		R> <bbf< td=""><td>×GR>≺BR>Yes, SR>≺BR>≺BR> GR>Yes</td><td>Diarrhosa Vonsting Rhistit. Sneezin g.Pruritus, Quincke's oedema</td><td></td><td>SAR: One 3 Sept 2015 one dog was vaccinated simultaneously with Noblave 1 and Condem Concurrently with Noblave 1.4 on 5 Cert the dog was presented to the vet due to neceing and mild rinklets. General health condition was not disturbed, no fever, no purulent discharge, so no treatment was performed. On 6 Cit in the morning the dog showed voluming, in the afteriors at the vet, no further symptoms and dog was lively. On 9 Cit the dog was presented again due to Quincke edema, diurnhae and severe purtus. The dog was treated with Heradiscon and was life again in the evening. Two days later on 11 Oct the dog gains showed facial swelling, diarrhee and puritus. The dog was again treated with Heradiscon and hysolallegenic food was presented on any long treated with Heradiscon and hysolallegenic food was changed to normal flood without problems. The dog is also in the garden, but in an enclored area, so contact to plants can be excluded. No more information expected. Note: This case is linked to case 2015-06-0123 (production section of the same dog). [Reason for user for product: Centric District State of the 2015-06-1243 (production State of health Good)] Brand: NOBINAC LIS SQXIDS-540 Resson: Vaccination [State of health: Good]</td></bbf<>	×GR>≺BR>Yes, SR>≺BR>≺BR> GR>Yes	Diarrhosa Vonsting Rhistit. Sneezin g.Pruritus, Quincke's oedema		SAR: One 3 Sept 2015 one dog was vaccinated simultaneously with Noblave 1 and Condem Concurrently with Noblave 1.4 on 5 Cert the dog was presented to the vet due to neceing and mild rinklets. General health condition was not disturbed, no fever, no purulent discharge, so no treatment was performed. On 6 Cit in the morning the dog showed voluming, in the afteriors at the vet, no further symptoms and dog was lively. On 9 Cit the dog was presented again due to Quincke edema, diurnhae and severe purtus. The dog was treated with Heradiscon and was life again in the evening. Two days later on 11 Oct the dog gains showed facial swelling, diarrhee and puritus. The dog was again treated with Heradiscon and hysolallegenic food was presented on any long treated with Heradiscon and hysolallegenic food was changed to normal flood without problems. The dog is also in the garden, but in an enclored area, so contact to plants can be excluded. No more information expected. Note: This case is linked to case 2015-06-0123 (production section of the same dog). [Reason for user for product: Centric District State of the 2015-06-1243 (production State of health Good)] Brand: NOBINAC LIS SQXIDS-540 Resson: Vaccination [State of health: Good]
	DE-NLINTVINT-2015-DE-01388	Germany	Animal	Canine/dog		25/09/2015		1 1		09/2015 Ye		Epileptic seizure,Pruritus,Self mutilation	No Data	SAR: One dag was vaccinated with Nobivac: L4 on 25 Spt 2015. On 8 Oct the owner called the vet by Inheric or sport that immediately after vectoration the dag started to show epileptic selures. The dag is almost one peleptic (diopathic epilepoy) and under Phenoleptil treatment since years (no setures for the peleptic diopathic epilepoy) and under Phenoleptil treatment since years (no setures for the peleptic diopathic epilepoy) and under Phenoleptil treatment since years (no setures for the peleptic diopathic epileptic) and under the started to pull out its full. The doctor of the peleptic diopathic epileptic epileptic diopathic epileptic diopathic epileptic
NOBIVAC L4	DE-NUNTVINT-2015-DE-01389	Germany	Animal	Canine/dog	15 Month(s)	12/10/2015	12/10/2015	1 1	0 12/1	R> <b< td=""><td>ss, <b ×BR> No, BR> < R> Yes</b </td><td>Vomiting.Swelling around eye,Facial swelling (see also 'Skin')</td><td>No Data</td><td>SAR: One day was vaccinated simultaneously with Nobbusc 51PF and Molbusc L4 and concurrently with Nobbusc To 12 Oct 2015 in the morning. In the afferenom the day was presented to the vet again due to vomiting and facial swelling. No other symptoms, no respiratory problems. The day was treated systemically with Prenisionely, locally at the tree; (due to maskive swelling) with December 1, 2010 1, 2011 1,</td></b<>	ss, <b ×BR> No, BR> < R> Yes</b 	Vomiting.Swelling around eye,Facial swelling (see also 'Skin')	No Data	SAR: One day was vaccinated simultaneously with Nobbusc 51PF and Molbusc L4 and concurrently with Nobbusc To 12 Oct 2015 in the morning. In the afferenom the day was presented to the vet again due to vomiting and facial swelling. No other symptoms, no respiratory problems. The day was treated systemically with Prenisionely, locally at the tree; (due to maskive swelling) with December 1, 2010 1, 2011 1,

NOBIVAC L4 DE-NLINTVINT-2015-DE-01392	1	Animal	Canine/dog	16 Month(s)	27/07/2014							No Data		Tau				
	Germany					12/11/2015			R≻⊄BR	t×BR>No	Lack of efficacy		SLEE. On 23 Jul 2014 and 01 Sept 2014 a young Hawnese was vaccinated with Noblace L4 for basic immunization. Approx one year later, on 15 Sept 2015, the Gow was presented to the vet with high fewer (40°C, Leithargy and vomiting. The vet first suspected a gastrointestinal infection and treated the dog with Amoustilla and filtrandy. On the same day in the affermenon the dog had a circulatory collapse and was additionally treated with infusions. On 17 Sept the dog was a moretic and showed signs of interne. Blood examinations revealed leucocytosis and nicreased birluthin, liver and resul values. PCI (blood) on 17 Sept two snegative for Leptospira. Due to bad health condition, the dog was forwarded a was reliated for Internet restament. After approx 10 days of Internets betraken the dog improved and was released home on 28 Sept in a good general condition, but had lost weight (approx 14g). Since then the dog was internet was a standard of the control of the	Canine/dog	•	Nobbac L4 - 1,N/A,N/A, 2,4,1 Dos Twice 1 Animal (2 Weeks) 27/07/2014- 01/09/2014/98R9-4BR-Noblwac SHPP1 - 1,N/A,N/A, 2,4,1 Dose Twice 1 Animal (30 Dayle) 01/09/2014- 01/10/2014/98R9-4BR>	Unclassifiable/unassessa ble	
NOBIVAC LA DE-NLINTVINT-2015-DE-01426	Germany	Animal	Canine/dog	5 Year(s)	30/09/2015	22/10/2015	1 1	0 02/1	R> <br< td=""><td>R> Yes, BR> <</td><td>Abnormal breathing.Cough, productive</td><td>No Data</td><td>SAR: A Gog (Maltree) was vaccinated with Noblace SHPPI and Noblace L (Imixed syringe, one flank) are Noblace T (separately, other flank) on 369 e2015. One 50 c2015, the owner called the practice are reported the following as vaccination reactions to Noblace: on 62 Oct 2015 in the morning, the doe was slightly coughing, in the evening it showed very strong discharge of musc. From the mouth. As soon as the dog was drinking, it coughed much. It also showed a "strange" breathing, After application of hone; the strands of district morning of the coughing. Since this call, the owner hasn't contacted the practice again, so the vet assumes that the dog has recovered although not confirmed. The vet will contact us if further information should come to the confirmed of the coughing of the confirmed of the coughing of the coughing of the confirmed of the coughing of the coughi</td><td></td><td>8.3</td><td>Nobina Lt - 1,N/A/N, 2,41 Dose Once 1, Animal 3(09/2015- 30/09/2015-88P-Nobinac SHPF - 1,N/A/N, 2,41 Dose Once 1 Animal (30/09/2015- 30/09/2015-88P-Nobinac T - 1,N/A/N, 2,41 Dose Once 1 Animal (30/09/2015-30/09/2015)-88P-</td><td>O - Unclassifiable/unassessa ble</td><td></td></br<>	R> Yes, BR> <	Abnormal breathing.Cough, productive	No Data	SAR: A Gog (Maltree) was vaccinated with Noblace SHPPI and Noblace L (Imixed syringe, one flank) are Noblace T (separately, other flank) on 369 e2015. One 50 c2015, the owner called the practice are reported the following as vaccination reactions to Noblace: on 62 Oct 2015 in the morning, the doe was slightly coughing, in the evening it showed very strong discharge of musc. From the mouth. As soon as the dog was drinking, it coughed much. It also showed a "strange" breathing, After application of hone; the strands of district morning of the coughing. Since this call, the owner hasn't contacted the practice again, so the vet assumes that the dog has recovered although not confirmed. The vet will contact us if further information should come to the confirmed of the coughing of the confirmed of the coughing of the coughing of the confirmed of the coughing of the coughi		8.3	Nobina Lt - 1,N/A/N, 2,41 Dose Once 1, Animal 3(09/2015- 30/09/2015-88P-Nobinac SHPF - 1,N/A/N, 2,41 Dose Once 1 Animal (30/09/2015- 30/09/2015-88P-Nobinac T - 1,N/A/N, 2,41 Dose Once 1 Animal (30/09/2015-30/09/2015)-88P-	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DE-NLINTVINT-2015-DE-01449	Germany	Animal	Canine/dog	4 Year(s)	28/10/2015	29/10/2015	1 1	0 28/1	0/2015 Yes	8 2	Lack of response to owner, Star- gazing, Decreased activity, Behavioural disorder NOS	No Data	SAR: On 28 Oct 2015 a dog was succinated with Nobivac L4. Approx 3 hours post vaccination the dog showed a strange behaviour: sai without moving and started. The owner reported that the dog was no responsive, but the extremities were movable. The dog was not brought to the vet but observed by th owners. The symptoms did not last very long and until the next day the dog was doing fine again. Additional information: The dog had not shown previous lifnesses and made a clinically good impression prior to vaccination, but could not be intersively examined because he was very lively, the vat also mentioned that the dog originates from a litter in which all dogs had at some time point reacted to Leptopoios succines (easter products and reactions unknown). Previous vaccination with Nobivac L done year ago had been tolerated well. The vet's causality assessment is O unclassified. No more information aspected. [Resand for use for product; Generic: LEPTO* (AICT_CAN_GRIPP_BRAT) K Brand. NOBIVAC L4 SOXIDS 540. Reason: Vaccination] [State of health: Good]	t Terrier	25	Nobiva L4 - 1,N/A/N, 2,4,1 Dose Once 1, Animal (28/10/2015- 28/10/2015)+BR> 	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2015-DE-01467	Germany	Animal	Canine/dog	12 Week(s)	02/11/2015	03/11/2015	1 1	0 02/1	R> <br< td=""><td>SR>SBR>OB SPSBR>NO, " SBR>CBR>CY SBR>YES</td><td>Facial swelling (see also 'Skin'),Pruritus,Hyperthermia,Apath Y</td><td>No Data</td><td>SAR: On 3 Nov 2015 one dog was vaccinated simulaneously with Nobius SHPPI and Nobius L1 and concurrently with Nobius C1. Rohe on after vaccination the dog was presented again to the vet the facial swelling, mainly on eyes and flews, apathy, mild increased body temperature and severe pruritu No respiratory symptoms were observed. The dog was treated with not all nithistaminis (¿Editrial and Calcium Infusions. The dog improved immediately and completely recovered the next day. No more infusions. The dog improved immediately and completely recovered the next day. No more infusions. The dog improved immediately and completely recovered the next day. No more infusions that day is not to the completely recovered the next day. No more infusions that day is not increased to the completely recovered the next day. No more infusions that day is not increased to the completely recovered the next day. No more infusions that the completely recovered the next day is not increased to the completely recovered the next day. No more infusions that the completely recovered the next day is not increased to the completely recovered the next day in the completely recovered the next day is not increased to the completely recovered the next day in the completely recovered</td><td>Bernese o Mountain Dog i.</td><td>13</td><td>Nobiwac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015- 02/11/2015)-BR>-BR5-Nobiwac SHPP1 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015- 02/11/2015)-BR>-BR>Nobiwac T - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015-02/11/2015)-BR>-BR></td><td>B - Possible</td><td></td></br<>	SR>SBR>OB SPSBR>NO, " SBR>CBR>CY SBR>YES	Facial swelling (see also 'Skin'),Pruritus,Hyperthermia,Apath Y	No Data	SAR: On 3 Nov 2015 one dog was vaccinated simulaneously with Nobius SHPPI and Nobius L1 and concurrently with Nobius C1. Rohe on after vaccination the dog was presented again to the vet the facial swelling, mainly on eyes and flews, apathy, mild increased body temperature and severe pruritu No respiratory symptoms were observed. The dog was treated with not all nithistaminis (¿Editrial and Calcium Infusions. The dog improved immediately and completely recovered the next day. No more infusions. The dog improved immediately and completely recovered the next day. No more infusions. The dog improved immediately and completely recovered the next day. No more infusions that day is not to the completely recovered the next day. No more infusions that day is not increased to the completely recovered the next day. No more infusions that day is not increased to the completely recovered the next day. No more infusions that the completely recovered the next day is not increased to the completely recovered the next day. No more infusions that the completely recovered the next day is not increased to the completely recovered the next day in the completely recovered the next day is not increased to the completely recovered the next day in the completely recovered	Bernese o Mountain Dog i.	13	Nobiwac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015- 02/11/2015)-BR>-BR5-Nobiwac SHPP1 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015- 02/11/2015)-BR>-BR>Nobiwac T - 1,N/A,N/A, 24,1 Dose Once 1 Animal (02/11/2015-02/11/2015)-BR>-BR>	B - Possible	
NOBIVAC L4 DE-NLINTVINT-2015-DE-01479	Germany	Animal	Canine/dog	3 Month(s)	01/10/2015		1 1	0 01/1	> Not Known	in,
BR> n, >BR >BR> nown</br 	Lateral recumbency,Apathy,Tremor	Not Known	SAR: One day was vaccinated with Nobleva: SHPP, Nobleva: L4 and Nobleva: T lexact date (oct 2015 suspected) and details of administration are unknown, The dog showed apathy, Interal recumberry and tremo (ronet of symptoms not known), No information if symptoms were treated. The dog recovered on 20 ct 2015. No more information expected. Reason for use for product: Generic: DHPP ILV Branch NOBIVAC SHPP IDXIDS 122 Reason: Vaccination Generic: LETO*4(PIC.FAMER) PRABLES IN MALU ADJULVANT KV Brand: NOBIVAC STOXIDS 540 Reason: Vaccination Generic Good)	Miniature Dachshund	m	01/10/2015) BR> Nobivac SHPPI-N/A,N/A,N/A,24,Unknown 	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DE-NLINTVINT-2015-DE-01481	Germany	Animal		10 Week(s)	01/10/2015	25/11/2015	1 1		> Not Kn		Corneal disorder NOS,Blue eye,Uveltis	Not Known	SAR. Approx on OS Ct. 2015 a puppy was vaccinated by another vet with Nobiwa: SHPPI and Nobiwa: Lepto (unclear! Nobiwa: Lepto or Lk, Nobiwa: Lepto was a harbraryl chosen for case entry), On 20 cthe dod ywas presented to the reporting vet with a high-grade comeal edema and low-grade unclist on the right eye. The left eye was without findings. General condition was good: Treatment was started locally with eye medication (loptomax and Atropine) and systemically with Metacam. Three days lat a marked improvement was seen concerning the edema and the unclists was almost gone. However, a protrusion floulial of the cornea was noticed and treated locally with Pohypectran and Acutin (PSAID). At the last wist on of 30 two the corneal elema was almost gone, only a slight contact defect remaining. The dog is still under treatment. Note: The vet suspects a "blue eye" due to the CAV component in the vaccine. The other puppes from the same little which vere ensimalteneously vaccined were not affected. "Type espected Follow-up from 25 west 2015. Vaccination details were received: The dog has been vaccinated on 10 Cct.13 with horizons 45PP and Noblows. Li simultaneously vaccined were not affected. The dog has been vaccinated on 10 Cct.13 with horizons 45PP and Noblows. Li simultaneously vaccined were not affected. The dog has been vaccinated on 10 Cct.13 with horizons 45PP and Noblows. Li simultaneously vaccined was a product corrected and batch numbers added, The dog is still under treatment, but signs are improving NOBNAW. S1PP 30 AND S1DE 500 Resource. Vaccination Generic: 12FT 04 (LTC,AN,GRIPP,BRAT) KB. Brand NOBNAC LSPR) 2005 CDR Resource. Unknown.] [State of health: Good]	French Buildog		Nobwa Ct - N/AN/AN/A 2,2Ulnichown Once I námial (0),10/2015- 0),10/2015- 0),10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015- 0,10/2015-	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DE-NUNTVINT-2015-DE-01513	Germany	Animal	Canine/dog	2 Year(s)	30/09/2015	13/11/2015	1 1	1 30/0	9/2015 Yes, <b R><br< td=""><td>BR> <b R> NO</b </td><td>Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Staggering, Death</td><td>No Data</td><td>Supercial Adverse Reaction: A dog [Pug] was vaccinated with a maked syringe of Nobbac SIFF and Nobbac L4 on 30 Sep 2015 towards noon by a colleague of the reporting vet (same practice). 3-5 minutes after the vaccination, the dog walked out of the practice room apport. Therete, then it staggered and collapsed. Cortison was given and rearmination and intubation was tried, but the dog died immediately, how section was performed (namial body already discarded). Additional info (preliminary report): at the presentation of the dog in the vet practice on 09 Mar 2015, the animal owner had mentioned that the dog has dyponed from time to time. No more information expected. Note: The vet reported a similar case in a Yorkshire Terrier (2015-09-10154). [Reason for use for product: Generic OPPIC IV Branch NOBINC ASTRP (2015) IZ Reason. Vaccination Generic: LEPTO*4(CT_CAM_GRIPP_BRAT) NB Brand: NOBINAC L4 IDX1DS 540 Reason: Unknown.] [State of health: Good!]</td><td>Pug</td><td>10</td><td>Nobixet L4 - 1,N/AN/A_24,1 Dose Once 1 Animal (30/09/2015- 30/09/2015-BR8RE-Nobixes SHPP1 - 1,N/AN/A_24,1 Dose Once 1 Animal (30/09/2015- BR> </td><td>B - Possible</td><td></td></br<></b 	BR> <b R> NO</b 	Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Staggering, Death	No Data	Supercial Adverse Reaction: A dog [Pug] was vaccinated with a maked syringe of Nobbac SIFF and Nobbac L4 on 30 Sep 2015 towards noon by a colleague of the reporting vet (same practice). 3-5 minutes after the vaccination, the dog walked out of the practice room apport. Therete, then it staggered and collapsed. Cortison was given and rearmination and intubation was tried, but the dog died immediately, how section was performed (namial body already discarded). Additional info (preliminary report): at the presentation of the dog in the vet practice on 09 Mar 2015, the animal owner had mentioned that the dog has dyponed from time to time. No more information expected. Note: The vet reported a similar case in a Yorkshire Terrier (2015-09-10154). [Reason for use for product: Generic OPPIC IV Branch NOBINC ASTRP (2015) IZ Reason. Vaccination Generic: LEPTO*4(CT_CAM_GRIPP_BRAT) NB Brand: NOBINAC L4 IDX1DS 540 Reason: Unknown.] [State of health: Good!]	Pug	10	Nobixet L4 - 1,N/AN/A_24,1 Dose Once 1 Animal (30/09/2015- 30/09/2015-BR8RE-Nobixes SHPP1 - 1,N/AN/A_24,1 Dose Once 1 Animal (30/09/2015- BR> 	B - Possible	

MODIFICE	DE-NLINTVINT-2015-DE-01514	Germany	Autoral	Canine/dog	12 Week(s)	06/11/2015	13/11/2015			or (44 /20	VDDDF -	Circulatory collapse (see also	No Data	Suspected Adverse Reaction: A doe (Yorkshire Terrier) was vaccinated with a mixed svrince of Nobivac Vorkshire 1.5 Nobivac L4 - 1.N/AN/A 24.1 Dose B - Possible
			Animal					1 1	0		R> >BR>No	Neurological' and 'Systemic disorders'), Juregular breathing, Lateral recumbency, Swollen eye, Swollen race (see also 'Skin'), Unresponsive to stimuli		SIPPI and Nobivos LO n.06 Nov 2015 around 10.65 a.m. The owner came back with the dog around 3- Terrier All the alternoon and reported that pages. A bury page 10.65 around 10.65 a.m. The owner came back with the dog around 3- Terrier Once 1. Annier (10/11/2015-68)—8.85 b.bolve on the side, was not responsive and had breathing problems in terms of interruptions of breathing and the face and the eyes were swellen. In the practice (powards 3-4 p.m.), the dog novy all ill showed slightly swollen eyes, but was otherwise olay. Since then, the ver hasn't head from the owner again, so he assumes that the dog is loak again flowever the exact cutomes is unclear, Additional info: before the Nobivac vaccination, the dog had received a vaccination with virtac-vaccine(s) at the before the Nobivac vaccination, the dog had received a vaccination of septend. Note: the ver reported a similar case in a pug (2015-05-05131). [Reason for use for product: Generic: DMPFILV Branch NOBINGX-SEPPI DIGISI 272. Reason: Vaccination (State of backth: Good)
	DE-NLINTVINT-2015-DE-01520	Germany	Animal		2 Year(s)	19/10/2015	10/10/2016	1 1			Yes, <b R> Yes</b 	Lack of efficacy		SLEE. On 19 Oct 2015 one dog (Plannovercher Schweißhund) was vaccinated with Noblwac SiPP and Okhokac L4. One No bve the day was presented to the attending ved the to severe blood planforea. The Okhokac L4. One No bve the day was presented to the attending ved the to severe blood planforea. The Camind July 2015 of th
NOBIVAC L4	DE-NLINTVINT-2015-0E-01550	Germany	Animal	Canine/dog		17/11/2015	03/12/2015	1 1	0	21/11/2015	Yes, GRX-SBX-BS RX-SBX-BSX-BX-SBX-SBX-SBX-SBX-SBX-YES	Injection site abscess, injection site swelling, inappetence, Lethargy (see also Central nervous system depression in "Neurological"), Fever, General Illness	No Data	SaR: Cu 17 Nov 2015 a dag (Directic Golden Doodle) was vaccinated with Nobbac SHPP simultaneously of Uniter Manufed with Nobbac Land and Varbac raise vaccine concurrently, both injections were given on the same site of the left lateral throads valid, 5 cm apart from each other. The first three days the dog showed no reaction, but not 21 Nov showed welling at the injection site(s) laterally, inappetence, and disturbed general condition. On 23 Nov the dog was presented to the vet with 40.5°C fever, local swelling at the injection site(s) laterally covering both injection sites(s) abore to jection site(s) 100 mbg, covering both injection sites(s) are the products used for local products (all three products were Nobbac vaccines) corrected due to new information. General products (all three products were Nobbac vaccines) corrected due to new information. General would not Debt the would was beginning to heal. The vet suppose the very and with Nobbac K and the lateral products are that will also a while due to secondary wound healing. Case closed. Note: According to the owner the dog had also shown a reaction flout much long (lose very lose very and with Nobbac K and Nobbac L la fee inleed case 2015-0010.001). [Interson for use for product. Generic LIPPO**(CIC, A)(APP)ABAT is deared Nobbac Vaccination (Seneric LIPPO**(CIC, A)(APP)ABAT is
NOBIVAC L4	DE-NLINTVINT-2015-DE-01555	Germany	Animal	Canine/dog	6 Year(s)	01/11/2012	24/11/2015	1 1	0	01/12/2012	Not Known, BR >BR>BR>BR> Not Known	Hyperactivity, Hypersalivation, Seizur e NOS, Not es NOS, Not esting, Tireddness, Tremor, Unable to rise, Abnormal posture	Not Known	SAR: One day was vaccinated with Nobbac Pi and Nobbac Li in Novo 2012. Approx. 4 weeks after consistent deptor from the hyperalization, being the control of the day of the control of the
	DE-NLINTVINT-2015-DE-01556	Germany	Animal	Canine/dog		01/11/2013	24/11/2015	1 1		01/12/2013	Known, <br< td=""><td>eating,Tiredness,Tremor,Unable to rise,Abnormal posture</td><td>Not Known</td><td>Saft. One day was vaccinated with Nobinac L4 and Nobinac T in Nov 2013. Agrors. A weeks after vaccination the day showed an unique seture (epileptic like) with hypersalivation, hectic, extended legi, inability to stand up and tremor. Afterwards the day was tweed and did not ear the same day. As it was a single event no therapy or diagnostics was performed. Note: the 60g showed the same ymptom 4 weeks after vaccination in 2012 and 2016 limited cases 2015-10-01553 and 2015-60-01557. [Reason for use for product: Generic: LEPTO*4[CT_CAM,GRIPP_BRAT] KB Branck NOBINAC L1 SOXIDS 500 Reason: Vaccination) [State of health: Good] Reason: Vaccination] [State of health: Good]</td></br<>	eating,Tiredness,Tremor,Unable to rise,Abnormal posture	Not Known	Saft. One day was vaccinated with Nobinac L4 and Nobinac T in Nov 2013. Agrors. A weeks after vaccination the day showed an unique seture (epileptic like) with hypersalivation, hectic, extended legi, inability to stand up and tremor. Afterwards the day was tweed and did not ear the same day. As it was a single event no therapy or diagnostics was performed. Note: the 60g showed the same ymptom 4 weeks after vaccination in 2012 and 2016 limited cases 2015-10-01553 and 2015-60-01557. [Reason for use for product: Generic: LEPTO*4[CT_CAM,GRIPP_BRAT] KB Branck NOBINAC L1 SOXIDS 500 Reason: Vaccination) [State of health: Good] Reason: Vaccination] [State of health: Good]
	DE-NLINTVINT-2015-DE-01557	Germany	Animal	Canine/dog		01/11/2014		1 1		01/12/2014	Not Known,
 Not Known</br 	Hyperactivity, Hypersalivation, Seizur e NOS, Not eating, Tireddness, Tremor, Unable to rise, Abnormal posture		SAR: One day was vaccination the log browned an unique seture (pelipetif like) with hyperasilation, he does there, extended legs, inability to stand up and tremor. Afterwards the dog was titred and did not eat the same day, As it was a single event no therapy or diagnostics was performed. Note: the dog showed the same symptom 4 weeks after vaccination in 2012 and 2013 limiked case; 2015-07-01555 and 2015-
NOBIVAC L4	DE-NLINTVINT-2015-0E-01569	Germany	Animal	Canine/dog	5 Year(ş)	18/09/2015	27/11/2015	1 1	1	22/11/2015	Yes, Kes	Death by euthanasia, Lack of efficacy		SIEE: On 18 Sept 2015 one dog was booster vaccinated with Nobbasc L4 and Nobbasc 24PIPL, On 22 Nov Labrador 2025 the owner recognized as off tissues welling of the left face. In the evening the olgs ols solwowd strike or the common of the c

NOBIVAC L4	DE-NLINTVINT-2015-DE-01604	Germany	Animal	Canine/dog	3 Month(s)	05/11/2015	03/12/2015	1	1 0	05/11/2015		Facial swelling (see also Siskin/Facial oedem_Local swelling (not application site)	No Data	Suspected Advence Reaction: On OS Nov 2015 a young dag was vaccinated with Noblevac -SHPPI and Noblevac Left Mired Reactions: On OS Nov 2015 a young dag was vaccinated with Noblevac -SHPPI and Noblevac Left Mired Reactions: On Center Annual Post Post Post Post Post Post Post Post
NOBIVAC L4	DE-NLINTVINT-2015-DE-01606	Germany	Animal	Canine/dog	12 Week(s)	02/12/2015	03/12/2015	1	1 0	02/12/2015		Facial swelling (see also 'Skin'),Unicaria, Facial oedema, Anaphylactic-type reaction		Suspected Adverse Reaction: One dog (French Buildog) was vaccinated with Noblwac 140 PD Land Noblac 140 PD L
NOBIVAC L4	DE-PU-2015-1	Germany	Animal	Canine/dog	5 Year(s)	22/10/2015	26/11/2015	1	1	22/10/2015	Not Known,
 Yes, <br Not Known</br </br 	Facial oedema	Not Known	1 3.cd. nach impfung des Tieres Byr, Oedem am Kopf und beginnendes Oedem am Köper des Tieres Sofortige I v. injektion von Dexamentaxion liess die Symptome innerhalb von 0.5 5cd. abklingen * State of health at time of treatment: gut * Reason(s) for treatment: Prophylaxe Impfung 5 Nobinac (4 - N/A,N/A,N/A,N/A,N/A) (22/10/2015;GRS-GRS-NB-Nobinac SHPP) - 1.1, Years,1.0N/A (22/10/2015;GRS-GRS-NB-Nobinac TN/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,
NOBIVAC L4	DE-UKPHZAH-2018-DE-00222	Germany	Animal	Canine/dog	16 Month(s)	06/03/2018	19/03/2018	1	1 0	07/03/2018	Known, <br< td=""><td>Inappropriate defectation,Inappropriate urination,Epilleptic seizure</td><td>Not Known</td><td>Reason for Treatment: Tick control and vaccination A young dog showed egispetic relixures approximately 15 fours and agin 28 hours and gain 28 hours and was accompanied by involuntation on the dog had been vaccinated with flow Nobius or products (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog after treatment the dog had two more selures lasting approximately 3 minutes with involuntary unitation. NAC comment. Follow up information. Reson creatives and the second selures stating approximately 3 minutes with involuntary unitation. NAC comment. Follow up information freson for use for product. Genetic: SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog after treatment the dog had two more selures lasting approximately 3 hours with involuntary unitation. NAC comment. Follow up information. Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up information (Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up information (Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up 14MAR18.5 seven dog from the proprinting value of the comment. Follow up 14MAR18.5 seven dog from the proprinting value of the</td></br<>	Inappropriate defectation,Inappropriate urination,Epilleptic seizure	Not Known	Reason for Treatment: Tick control and vaccination A young dog showed egispetic relixures approximately 15 fours and agin 28 hours and gain 28 hours and was accompanied by involuntation on the dog had been vaccinated with flow Nobius or products (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog after treatment the dog had two more selures lasting approximately 3 minutes with involuntary unitation. NAC comment. Follow up information. Reson creatives and the second selures stating approximately 3 minutes with involuntary unitation. NAC comment. Follow up information freson for use for product. Genetic: SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog after treatment the dog had two more selures lasting approximately 3 hours with involuntary unitation. NAC comment. Follow up information. Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up information (Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up information (Reson Centre (SIPP)ALT/(BiPR). Follow-up 14MAR18.5 seven dog from the proprinting value with involuntary unitation. NAC comment. Follow up 14MAR18.5 seven dog from the proprinting value of the comment. Follow up 14MAR18.5 seven dog from the proprinting value of the
	DE-ZZELANCORG-DE2017_000113		Animal	Canine/dog		01/01/2017	20/04/2017	2		02/01/2017	Not Known, BR >BR>BR>CBR>CBR> Not Known, BR >CBR>CBR>CBR> Not Known	Death	Not Known	Reacon for treatment: File Control On 05 Apr 17 Elanca as constanted regarding a dog (German Append's 5 years, lactating, puppier 12 weeks old) was vaccinated with public of the death of the animal UPDATE on 12 April 2017. The vet does not think that the Comfortis and was found edea 2 days after vaccination. Update on 07 April 2017. The vet does not think that the Comfortis is responsible for the death of the animal UPDATE on 12 April 2017. Bitch was no longer factating when she received Comfortis, he was vaccinated with PPPAL4 vaccine (MXD), vet suspects something like a gastric torsion as cause of the death. Puppiers also received Comfortis, no symptomy, pupper are healthy. Owner does not want a postmonreur examination performeds of i do not expect further information. [Reason for use for product: Genetic: Spinosad Brand. Comfortis. Reason: Reason: Plac Control Comerce: canine disenter viar-a selectivity. a pravovinus + paravolitus a viar-leptospira vaccine Brand: Reason: Prevention of disease) [State of health: Good]
NOBIVAC L4	DEU-BIAHPV1P-180E000193	Germany	Animal	Canine/dog	9.5 Week(s)	28/01/2016	12/03/2018	1	1	29/01/2016	> <	Lateral recumbency, Lack of efficacy (parovous), Lack of efficacy (parovous), Leucopenia, Digestive tract disorder NOS, Bloody diarrhoea, Vorniting, Hypothermia	Not Known	A set floot the attending vet, but only a consultant in frame of a lawsuill reported that a Malteser was vaccinated once s. ow the URLENA DABPIC Libatron. Lot 2439 and 0.808 MCA Let a the age of 9 weeks and 4 days on the 28 Jan 2016 by another vet. 1.5 days later the dog showed bloody disurkes, hypothermia, leucopein, womitus and lateral recumbency. 2 days after vaccination also in blood and so parsovoirs was adjacenced. Metr 1 week intende the transmitted in since the dog was recovered. Additional information: the dog was improvious was degraced. Metr 2 week intende transmitted in calcination disposed with Giardiosis and vorm infestation! Multi-commert: it remained unclear when these 2 diagnoses that deem made (a time of the provious diagnoses with Giardiosis and vorm infestation! Multi-commert: it remained unclear when these 2 diagnoses have been made (a time of the provious diagnoses with Giardiosis and vorm infestation! Multi-commert: it remained unclear when these 2 diagnoses have been made (a time of the provious diagnoses). The age of the provious diagnoses with Giardiosis and vorm infestation! Multi-commert: it remained unclear when these 2 diagnoses have been made (a time of the provious diagnoses) and some did to time of the and State of the south o

	DEU-MERCKMSO-2015-DE-016		Animal	Canine/dog	3 Year(s)	18/11/2015	02/02/2018	3 1	1 18/-	R> Kn >< No	es, GBR-GBR-GB -GBR-GBR-NO HOWN-GBR-GBR -GBR-GBR-GBR -GBR-GBR-GBR-GBR -GBR-GBR-GBR-GBR- GBR-GBR-GBR-GBR-	Death,Anoreila, Jack of efficacy,Apathy,Dermand activity,Vomiting Eczema activity,Vomiting Eczema	No Data	SAR - SLEF. A dog firmal mixed breed) was vaccinated with Noblouc L to 0.18 Nov 2015. Previous vaccinations with the same vaccine CO 2013 + 19 Nov 2013 backe for basic immunization, resocionation on 2.1 Nov 2014. On 0.10 Dec 2015 (approx 2 weeks after the last vaccination) the dog developed an interlogidal accessma at the pas of the left fore (EGAR). The vet is not sour about a connection to the vaccination. The dog had already shown same symptoms at a different paw (right had paw) in Falo 2015 approx 1 twees that previous vaccination (see case 2015 De-01636). The dog was treated symptomatically with Braunol wound dressing and the excess had healed after approx 1 weeks. Additionally, the owner had reported that the dog had shown reduced activity on the day of the last vaccination (18 Nov 2015) and over the nest few days was progressively eating less suntil on 30 be completely no food uptake, therefore presented to the vet, 100 doct revealed high liver values, anamely and executyorists. Therefore, started on Amoxiciav on 0.5 Dec in the evening. Next day the dog was aparthed: and voming. On 70 Dec again presented to the vet, still showed vominging plus fever 33 of 7.7 The vet suspects the dog might have Leptosprosis (SLEE). No further diagnostics performed yet. Flypi expected. Medical inlator, 0.01 70 Ee again presented to the vet, still showed vominging plus fever 33 of 7.7 The vet suspects the dog might have Leptosprosis (SLEE). No further diagnostics performed yet. Flypi expected. Medical structures of 100 Ee 2015 Leptos and addition critic and was diagnosed with Morbas Addison. From that time point the dog was continuously treated with Hydrocortisons, so also at the time of the last vaccination. D 18 Dec 2015 Lepto and top remain classified and all servors were tested negative fail (+ 1.100, except Canicola was ± 1.100). Travel-related diseases were also tested negative. Flore dog is still under trammer, is stable, but general condition of the dog is still under trammer, is stable, but general condition of th	e c c a a	9.3	Nobwa (L = 1,N/A,N/A, 2,A 1 Dose Not applicable 1, Animal 4, 100 applicable 1, Animal 4, 100 applicable 1, Animal 1, 101 applicable 1, 101	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2015-DE-0163		Animal	Canine/dog	Not Known	01/01/2015	15/12/2015	1 1		01/2015 No		Injection site swelling, Immune mediated haemolytic anaemia	Not Known	SAR. Aver reported that she was told by an animal owner that her dog, which was vaccinated in another vet practice, developed an injection site swelling after vaccination with Nobbac L4. When the dog was revaccinated, if developed an autoimmune haemolytic anaemia after 1.2 weeks. The referral wet has no further information on the case. Possibly the case was already reported. Follow up from 1 Dec 2015. Lost in follow up. Animal owner is on holiday. Vet unable to forward further details in the moment. Note: It is unknown in the moment if the case is a duplicate to case 2015-DE-01417. Reason for use for product: Generic EPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 50XLDS 540 Reason: Unknown) [State of health: Unknown]		Not Known	Nobivac L4 - N/A,N/A,N/A ,24,Unknown Unknown (01/01/2015- 01/01/2015)-BR>- 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2015-DE-0164	Germany	Animal	Canine/dog	10 Year(s)	10/12/2015	07/01/2016	1 1	0 11/	R> <b< td=""><td>> Yes,</td><td>Reluctant to move-fever-injection the abscess/injection site necrosis/injection site swelling</td><td>No Data</td><td>SAR: On JO Dec. 2015. a dog was succinated simultaneously with Nobinac SPPP and Nobbac L 1-on one side of the lateral adomen and concurrently with Nobbac or on the other side of the lateral adomen for exactly known, which product was administered on which site, On 12 Dec the dog was presented to the vet again due to a severe swelling at one of the injection sites; not exactly known of which product, but Nobbac SHPPP and Nobbac L 4 are suspected). An aboces of the site of a hand palm with mercrite tissue was dagnosed. When the aboces was opened, viscous pus with globule of fat [RipolyseP] came out. On 14 Dec the animal showed fever of 40°C. The dog was treated with analgetic and antibiotics. The specied. Following information was received from the NCA wiselection of the site of 2015. Potalis reported to the NCA directly from the vet: Nobbac T was administered on the right firth an, Nobbace SHPP and Nobbac A is immulated on the left fland On 11 Dec the owners had called the vet, that the dog wouldn't wall. On 14 Dec the dog was reserved with a swelling of approx the size of a fix to not left fland. Abscess Yuccine related reaction, 40.1°C. FU 7 Jan 2016. No surgery was performed. Necrotic tissue was removed and affecte area is healing with granulation. The dog is improving, but still under treatment (would care). No more information expected. [Reason for use for product: Ceneric: DHPPI U V Brandt. NOBIVIA: SHPPI SOUIDS 620 Reason Vaccination Generic: LEPPI SIR NAL LID VARTE NY Brandt. NOBIVIA: SHPPI SOUIDS 620 Reason Vaccination Generic: LEPPI SIR NAL LID VARTE NY Brandt. NOBIVIA: STRIP</td><td>crossbred</td><td>10</td><td>Nobwa Ct - 1,N/A/N, 2,4,1 Doe Not applicable 1,4 minal (10/12/2015-100/12/2015</td><td>B - Possible</td><td></td></b<>	> Yes,	Reluctant to move-fever-injection the abscess/injection site necrosis/injection site swelling	No Data	SAR: On JO Dec. 2015. a dog was succinated simultaneously with Nobinac SPPP and Nobbac L 1-on one side of the lateral adomen and concurrently with Nobbac or on the other side of the lateral adomen for exactly known, which product was administered on which site, On 12 Dec the dog was presented to the vet again due to a severe swelling at one of the injection sites; not exactly known of which product, but Nobbac SHPPP and Nobbac L 4 are suspected). An aboces of the site of a hand palm with mercrite tissue was dagnosed. When the aboces was opened, viscous pus with globule of fat [RipolyseP] came out. On 14 Dec the animal showed fever of 40°C. The dog was treated with analgetic and antibiotics. The specied. Following information was received from the NCA wiselection of the site of 2015. Potalis reported to the NCA directly from the vet: Nobbac T was administered on the right firth an, Nobbace SHPP and Nobbac A is immulated on the left fland On 11 Dec the owners had called the vet, that the dog wouldn't wall. On 14 Dec the dog was reserved with a swelling of approx the size of a fix to not left fland. Abscess Yuccine related reaction, 40.1°C. FU 7 Jan 2016. No surgery was performed. Necrotic tissue was removed and affecte area is healing with granulation. The dog is improving, but still under treatment (would care). No more information expected. [Reason for use for product: Ceneric: DHPPI U V Brandt. NOBIVIA: SHPPI SOUIDS 620 Reason Vaccination Generic: LEPPI SIR NAL LID VARTE NY Brandt. NOBIVIA: SHPPI SOUIDS 620 Reason Vaccination Generic: LEPPI SIR NAL LID VARTE NY Brandt. NOBIVIA: STRIP	crossbred	10	Nobwa Ct - 1,N/A/N, 2,4,1 Doe Not applicable 1,4 minal (10/12/2015-100/12/2015	B - Possible	
	DEU-MERCKMSD-2015-DE-0166		Animal	Canine/dog	1 Year(s)	01/11/2015	17/12/2015	1 1		R> <b BR Yes, BR> < R> Yes	Facial swelling (see also 'Skin')	No Data	SAR. Dnx dag was veccinated simultaneously with Nobivac SIPR9 and Nobivac L4 and concurrently with Nobivac Tayon. In the beginning flow 2015. Shortly after veccination from topscelfield; the owner called the vet as the dog showed facial weeling. The attending vet was not able to give further information, if the dog was presented again and if so, about treatment. Therefore, outcome: unknown No more information expected. Note: This case is linked to cases 2015-16-01667 and 2015-06-01688 (insilicates cases 2015-16-01667 and 2015-06-01688 (insilicates cases 1001-16-01687) and 2015-06-01688 (insilicates cases 1001-16-01687) and 2015-06-01688 (insilicates cases 1001-16-01687) and 2015-06-01688 (insilicates cases 1001-16-01688) and 2015-06-01688 (insilicates cases 1001-16-01688) and 2015-06-01688 (insilicates cases 1001-16-01688) and 2015-01688 (insilicates cases 2015-01688) and 2015-01688 (insilicates	Other Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (01/11/2015- 01/11/2015)-RB×-SBR>Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (01/11/2015- 01/11/2015)-RB×-BBR>Nobivac T- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (01/11/2015- 01/11/2015-BBR>-BBR>		
NOBIVAC L4	DEU-MERCKMSD-2015- DE-0165	5 Germany	Animal	Canine/dog	4 Month(s)	11/12/2015	07/01/2016	1 1	0 15/-	R> <b< td=""><td></td><td>rijection site indexestrijection site information.jection site information.jection site information.jection site information.jection site information.jection site information.jection site information.jectio</td><td>No Data</td><td>Saspected Adverse Reaction: A dog (Havannes-Min) received the first vaccination with Nobbucs SFPP and Nobbuc 1 of 11 Nov 2015 without problem. The booster excination with Nobbucs 1 of 10 Nobbuc 1 of 10 Nobbuc 1 of 10 Nobbuc 1 of 10 Nobbuc 1 Nobbu</td><td>Crossbred</td><td>4</td><td>Nobbac 14-13/IA/N/A, 24,1x1 dose(11/12/2015) 11/12/2015)eBR-Nobbwc 558PP-1.1N/AI/A,24,1x1 dose (11/12/2015) 11/12/2015;BBR-BB-Nobbwc T-13/IA/N/A,24,1x1 dose (11/12/2015-11/12/2015)+BR-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-B</td><td>B - Possible</td><td></td></b<>		rijection site indexestrijection site information.jection site information.jection site information.jection site information.jection site information.jection site information.jection site information.jectio	No Data	Saspected Adverse Reaction: A dog (Havannes-Min) received the first vaccination with Nobbucs SFPP and Nobbuc 1 of 11 Nov 2015 without problem. The booster excination with Nobbucs 1 of 10 Nobbuc 1 of 10 Nobbuc 1 of 10 Nobbuc 1 of 10 Nobbuc 1 Nobbu	Crossbred	4	Nobbac 14-13/IA/N/A, 24,1x1 dose(11/12/2015) 11/12/2015)eBR-Nobbwc 558PP-1.1N/AI/A,24,1x1 dose (11/12/2015) 11/12/2015;BBR-BB-Nobbwc T-13/IA/N/A,24,1x1 dose (11/12/2015-11/12/2015)+BR-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-B	B - Possible	

											1							
NOBIVAC L4	DEU-MERCKMSD-2015-DE-01685	Germany	Animal	Canine/dog	6 Month(s)	29/07/2015	08/02/2016	1 1	0 20/12/20:	5 Not Known, GRP-dRP, Not Known, GRP-dRP, Not Known, GRP-dRP, Not Known, GRP-dRP, Not Not Known, GRP-dRP, Not Not Known, GRP-dRP, Not Not Not Not Not Not Not Not Not Not	Lack of efficacy	Not Known	SIEE. A puppy was vaccinated by another vet for basic immunization (8 and 12 weeks odl) with to Nobbus SIP, Nobbus (1 and 29 will said and 54 and 12 weeks odl) with 20 and 10 an		Not Known	Nobiwa C 1- N/AN/AA Weeks 24, Ninkoma 4 Weeks 1 Animal (4 Weeks) 29/07/2015- 25/08/2015-18-68-Nobiwa C 19/07/2015- 25/08/2015-18-68-Nobiwa C 19/07/2015- 25/08/2015-18-68-Nobiwa C 29/07/2015- 25/08/2015-18-88-Nobiwa C 5HP-N/AN/AA Weeks 24, Unincown 4 Weeks 1 Animal (4 Weeks) 25/08/2015-18-88-Nobiwa C 5HP-N/AN/AA Weeks 24, Unincown 4 Weeks 1 Animal (4 Weeks) 25/08/2015-18-88-Nobiwa C 1-N/AN/AA/AA, AA-24, Unincown Not applicated: A nimal (45/05/2015- 26/08/2015)-68P-48P-	N - Unlikely	
	DEU-MERCKMSD-2016-DE-00007	Germany	Animal	Canine/dog		28/12/2015	19/02/2016	3 2		5 Yes, <r>>CBR>Yes</r>	Lateral recumbency, Vomiting, Death by euthanasia, Death	No Data	Siapected Adverse Reactions 2 pupples from one filter (both parents: Chihuahua-Mit), 2 male, 1 x female) were vaccinated with Nobius-StepP and Nobius-Lt (infined syringe) on 28 Dec 2015. On 31 Dec 2015, one puppy (male) started to spit/worth during the day (no blood), in the evening it was brought to the practice and vas lying on the side. The vet put the puppy in avaring bed and applied Ringer-Lacit, but the puppy (ided). On 0.1 an 2016 in the evening, 24 hours later, the female puppy showed the same symptomatology and received the same treatment and was then entainzied with T61. The third puppy (male) showed no a diverse reactions at all, but was treated by the vet with Felseinn due to suspicion of Paivo. The weth save amined/opened the dear damle puppy and could not detect any special findings. Both dead animals are currently frozen in the practice. A section will be initiated. If I from 19-20 215: Pathological findings were purposed to the control infinings. Play from processes and this was suspected at examination was only partially possible due to progressive autolytic processes) and this was suspected as the cause of death of both puppiers. Additional findings, Play played hydrocephalis internar was found in the female puppy. Case closed. [Reason for use for product: Generic: EDPPI US Brant's NDBAYC L4 10XID5 540 Reason: Vaccination] [State of health: Good]	Chihuahua	Not Known	dose (28/17/015- 28/17/2015-BR-SB-Noblvac 5HPR-1-N/AN/A, 24,1 x 1 dose (28/12/2015-28/12/2015)-BR>-BR>	N - Unlikely	
NOBIVAČ LA	DEU-MERCKMSD-2016-DE-00013	Germany	Animal	Canine/dog	14 Month(s)	07/01/2016	17/02/2016	1 1	1 07/01/200	(Vey.dBv-RBv-GB) 자스Br-GBR-VBR-VB BR-VGBR-VBR-VBS BR-VGBR-VBS	Enlarged lymph nodes (generalised) Abnormal test result_Lateral recumbency_Lethargy (see also Certal nervous system depression in "Neurological].htypothermia_Death, Lung oedems_Fatty liver_Gall badder & Bile duct disorder NOS_Vomiting_Haemorrhagic gastroenteritis_Bloody diarrhose_Circulatory_collapse (see also 'Neurological' and 'Systemic disorders').Leucocytosis_Pale mucous membrane	No Data	SAR: On 7 Jan 2016 at 11 am one dog (breed pug) was vaccinated simultaneously with Nobius SPFF and Nobius C1 and concentrate with Nobius C1 immediately after vaccination the Ogs showed vorniting, which was assumed to be caused by stress. The dog was monitored for approx. 15 minutes but did not show among with office and the contract of the open contract of the ope	Pug	7	Noblact L4 - 1.N/A/N, 2.4.1 Dose (07/01/2016- (07/01/2016-) RS-RS-Noblac SHPR-1.N/A/N, 2.4.1 Dose (1 Day(s) 07/01/2016- (1 Day(s) 07	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00035	Germany	Animal	Canine/dog	4 Month(s)	12/01/2016	12/01/2016	1 1	0 12/01/20:	6 Yes, <c R><c BR><c BR>Yes</c </c </c 	Pale mucous membrane,Tachycardia,Facial oederna	No Data	SAR: On 12 Jan 2016 a young dog was vaccinated with Nobivac SHP and Nobivac L4. Approx 45 min poot vaccination the dog showed facial swelling, Latchycardia, pale mucosae. Dog was treated with Predissione and recovered within 30 minutes. Case closed. Reason for use for product: Generic: LBPLV Branch: NOBIVAC SHP SOXIOS 620 Reason: Vaccination Generic: LEPTO*4[ICT.CAM,GRIPP,BRAT] KB. Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination] [State of health: Good]	French Bulldo	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (12/01/2016- 12/01/2016-BR>-BR>Nobivac SHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (12/01/2016- 12/01/2016-BR>-BR>	B - Possible	
	DEU-MERCKMSD-2016-DE-00047	Germany	Human	Human Canine/dog		13/01/2016 03/11/2015	20/01/2016	1 1		6 Not Known 5 Yes, <	Burning sensation (skin) Vomiting Dyspnoea, Local swelling	Not Known	Human exposure - symptomatic -: Approx. on 3 Jan 2015 one puppy (lage 4 month) was vaccinated with Noblova CA. Approx. ten days after vaccination the puppy urinated on the owners hand. She felt a mild burning sensation afferwards. Now the pregnant owner is affact of infection with Leposopia (caused by vaccination). No more information expected. [Reason for use for product: Generic: EEPT-04[CT_CAR_PRIPP_BART] NB BERNAN NOBINE/CL 15 OXID 55 OR Reason-Accidental Suspected Securidary Exposure] [State of health: Unknown) Suspected Adverse Reaction: On 3 No 2015 one do gwas vaccinated simultaneously with Nobbac	Human	Not Known	12/01/2016/GBR>-GBR> Nobivac L4,24-GBR>-GBR> Nobivac L4 - 1.N/A.N/A. 24.1 x 1	No assessment performed B - Possible	
NOBIVAL L4	**************************************	germdffy	ev III I GI	canne/dog	- rear(5)	33/11/2015	20/01/2016		0 05/11/201	S YES, GBK-YEK, YES, YES, YES, YES, YES, YES, YES, YES	(not application site), Walking	NO Data	Subpreted Alverse Nearchine To a Nov 2013 one ong was vaccinated simuntaneously with Noowac Seriem and Noblaux of (minesd syringia near Concurrenty with Noblaux T (reginarts). A few hours after vaccination the dog showed general womiting, silvering and dypanoes. The dog was treated at another view with crotisone and indisors. Thereby developes a swellen leg, most probably due to another view with crotisone and indisors. Thereby developes a swellen leg, most probably due to recovered. No more information expected. Note: the dog already rescrete after vaccination with other product (non-company) before. [Resist not rus for product. Genetic: DPPT US Brand: NOBIVAC SPPI 2002.512 Resistor. Vaccination Generic: LEPTO*QLCT_ANGRIPP.BRAT) KB Brand: NOBIVAC 150 2005 SPR Bessor. Vaccination Generic: Ratis IN ALU ADJUVANT KV Brand: NOBIVAC T 10XIDS 620 Ressors. Vaccination [State of health: Good]	. 45		Notivac L4 - 1,N/A,N/A, 2-5,1 x 1 dose (03/11/2015/eBr-Neb7Nobivac SHPP - 1,N/A,N/A, 2-4,1 x 1 dose (03/11/2015/eBR-NBR-Nobivac T - 1,N/A,N/A, 2-4,1 x 1 dose (03/11/2015/eBR-NBR-Nobivac T - 1,N/A,N/A, 2-4,1 x 1 dose (03/11/2015-03/11/2015)*BR>~BR>	- Pussible	

NOBIVAC L4		Germany	Animal	Canine/dog	3 Month(s)	04/01/2016	21/01/2016	8	1 0	15/01/2016	Yes, K	Lack of efficacy		PPI and Noblava L4 (mixed syringe) on 04 Jan 2016 (second vaccination, first was on 04 Dec 2015). Retriever (My/N1/2015 L5 and 2016, on perpsy showed symptoms of paravovirosis for the first time with sign of strong mitting, flospiness, abdominal pain, inappetence, diamfonce (but only twice and not very severe), ever for 1 day). Blood examination revealed slightly elevated Cell-Vavalue, decreased grotein and service of 10 day	SR-Noblavac 4.1 Dose Not (00/2/2016- 08/2-	
	DEU-MERCKMSD-2016-DE-00119	Germany	Animal			05/01/2016	29/01/2016	1	1 0	05/01/2016	R> Yes,	Unable to stand, tethangy (see also Central nervous system depression in 'Neurological']. Elevated temperature, General illness, Joint pain	No Data	ss measured: result: elevated temperature (39,3 °C - 39,4 °C). There the dog received injections (not (05/01/2016 ccified) and thereafter improvement occurred. All in all, the problems lasted for approx. 1 week (15/01/2016 15/01/2016 ccified) and thereafter improvement occurred. All in all, the prox 12 and the injections rises. The dog (14/NAV)A.	3R>Nobivac 14,1 x 1 dose 3R>Nobivac T -	
	DEU-MERCKMSD-2016-DE-00156	Germany	Animal			08/02/2016	09/02/2016	1			R>GR>GR>No, GR>GR>GR>GR> BR>GR>No			Debtor C (extra-label use, all components mixed in one syringe). He stated that he had never seen characteristic of the state of the state of the seen of the state of the sta	44,once BR-Motivac T - (08/02/2016- BR-9	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00157	Germany	Animal	Canine/dog	10 Week(s)	08/02/2016	09/02/2016	1	1 0	08/02/2016	No, <b R> No, </b 	Apathy, Vomiting		Debbac T (extra-label use, all components mixed in one syringe). He stated that he had never seen Retriever Ansas in 30 years of veterinary practice. Case 83: Puppy (labrador): dog was vaccinated on 08 Feb 16 at 4 p.m. immediately after the vaccination, the dog showed vomiting and high-grade apathy. SPPF - 3.N/ (ISR/07/2016) SPPF - 1.N/ (ISR/07/2016) SPPF - 1.N/ (ISR/07/2016)	24,once 3R>Nobivac T - (08/02/2016-	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00204	Germany	Animal	Canine/dog	4 Month(s)	15/02/2016	18/02/2016	1	1 0	15/02/2016	Yes,cBR>cBR>cB R>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cB	Facial swelling (see also "Skin"),Respiratory sound		R: On 15 Feb 2016 at 4:51 p.m. a Jack-Russel-Mix was vaccinated with Nobivac T and Nobivac SHPP (crossberd liked, non nesid) and Nobivac L (Eparathyl, on other side). AT p.m., the dog youwed facial tiss (15/02/2011 [15/02/2011] [15/02/2011	3R>Nobivac 4,6,nce 3R>Nobivac T - (15/02/2016-	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00207	Germany	Animal	Canine/dog	5 Month(s)	16/02/2016	18/02/2016	1	1 0	16/02/2016	Known, <br< td=""><td>Opisthotrous Epileptic setture Attakis, Fonic muscle spasm, Proprioception deficit</td><td></td><td>Agonox 2 hours after the vaccination the dog showed staxia and that right mild epileptiflom [15/07/2016] [15/07/2016] [16/07/2016] [17/</td><td>SR>Nobivac T - ce (16/02/2016-</td><td></td></br<>	Opisthotrous Epileptic setture Attakis, Fonic muscle spasm, Proprioception deficit		Agonox 2 hours after the vaccination the dog showed staxia and that right mild epileptiflom [15/07/2016] [15/07/2016] [16/07/2016] [17/	SR>Nobivac T - ce (16/02/2016-	

	EU-MERCKMSD-2016-DE-00215	Germany	Animal	Canine/dog	6 Month(s)	19/02/2016	06/05/2016	1	1 0	21/02/2016	Known, GBX-SB ×GBX-GBA-GBA- NNOt Known, GBX-GB ×GBX-GBX-GBA- P(s, GBX-GBX-GBA- BX-GBX-GBX- BX-GBX-GBX- BX-GBX-GBX- BX-GBX-GBX- BX-GBX-GBX- BX-GBX-GBX- Known	Fever,Localised pain NOS (see other 'SOC' for specific pain), Weakness, Trembling,Ataxia, F. acial swelling (see also Skin'), Leucocytosis	No Data	Suspected adverse reaction: On 19 Feb 2016 a day was vascinated by the reporting wet with Nobbus SHPN, Nobbus 4.1 Mokbus T and Nobbus GBPN. Onshould, 22 Feb 2016 fet day developed 407°C few The owner consulted the wet and was told to give Novalgin (unknown dosage). This treatment just worked for a short mount of time (unknown how long), so the owner (after consultation with the vinjected Amoxicillia (unknown dosage or application date). Thereafter the situation worsened. The dodg head was completely swollen, remembed down the staint, owner described her as being attaction. After another telephone consultation it was decided the dog should be brought to the practice. Since 23 Feb 2016 fet dog gail to know dedemations uswellings at the flews. Blood work was done, which revealed a leucocytosis but normal organ profile. In the neurological examination the dog showed distinct pain reaction during upper and lower neck bending. The west suspected meningsts, therefore started treatment with Predissionler and Syndox examination. The dog is in the strength of the dog is doing good, except for being still a little weak. The vet agreed with the owner to Fridow Up information expect of following upon 6 May 15 En flow plan before the control of the dog is doing good, except for being still a little weak. The vet agreed with the owner to Fridow Up information expect of following upon 6 May 15 En flow plan formation expect of following upon 6 May 15 En flow plan before successfully and recovered 10-14 days after intitial treatment start (for entry reason 08 Mar 16 chosen). The owner in grainful for the control of t	r. Retriever		Amoxicilia - N/AN/AN/A Azukindowa (21/02/2016- 21/02/2016-88R88R-Nobiwa BBP N/AN/AN/A/A zukindowa (9/02/2016- 19/02/2016-88R88R-Nobiwa L4 - 1/N/AN/A - 24, once (19/02/2016- 19/02/2016-19/02/2016- 19/02/2016-88R88R-Nobiwa C1 - 1/02/2016-88R88R-Nobiwa C1	B - Possible	
	EU-MERCINASO-2016-DE-00218		Animal	Canine/dog		01/12/2015	11/04/2016	1	1 0		No, -BR> 		Other	Sispected lack of efficacy/ELI for Lepto A dag was succinated with Nobbac L4 for the first time on the C2015 (previous vaccinations with Nobbac L426), additionally Nobbac et Pairs given in a mixed syringe. On 25 Jan 2016 the dog was presented to the vet with fever, weakness, reduced appetite and string given L5 mixed by the C2016 the dog howed brown union string given L5 mixed by the C2016 the dog to howed brown union (Billindhin++), but then abated again. On 16 Feb 2016 the dog towed brown union (Billindhin++), but then abated again. On 16 Feb 2016 tests for Ethrichia, Leptospira, Neospora, engative, but Leptospirais servours copenhagenis was 12 1000 and canicola was 1-1000 Second antibod testing will be performed. The dog is only slowly doing better, but not worsening. Follow Up will be provided. FLI 27 Mix 2016. The treatment scheme was not respected, the vaccination was only given once (Extra Label use was added). Second Leptospirais titler was negative. Antibiosis had been once (Extra Label use was added). Second Leptospirais titler was negative. Antibiosis had been changed from Doxycyline to Marboco, and the dog is doing clinically better. Individual towers, last blood values had shown strongly elevated Thrombocytes and orgoing anemia, therefore the dog was forwarded to the university vet Clinic for further diagnostics. The event ull contact us if relevant information/and test results become available. Otherwise case closed. FLI 11 Apr 2016. CTrican revealed an inflammation of the uterial mixed Mostiva Clinically better. Towarder a hysterectomy. Since then the dog is doing fine again. Case closed. (Reason for use for product: Generic: CANINE PARAINFILIENZAL V Brand: NOBWAC E PIOXIDS 620 Reason: Vaccination) [State of health: Good.	Terrier		Nobwa (14 - 1 N/N/N, 2 Ag.nce (0)/12/2015 01/12/2015 01/12/2015)+BR>BB>-Nobiwa PI -1 N/N/N, 2 Ag.nce (0)/12/2015 01/12/2015)+BR>BB>	N - Unlikely	
NOBIVAC L4 DI	DEU-MERCKMSD-2016-DE-00227	Germany	Animal	Canine/dog	7 Year(s)	22/02/2016	10/03/2016	1	1 1	22/02/2016	Yes, Not R>ORANDR	Unresponsive to stimuli, Vocalisation, Death	No Data	SAR: On 27 Feb 2015 an Australian Cattle Dog was vaccinated with Nobbacc Lt. On the way home, approx. Intal an how after the vaccination, the owners heard the dog whine quietly in the back of the car. When the owners stopped to look at the dog it was not responsive, no other symptoms. Back in the vet practice the dog was dead. The owners did not want a postmortem examination. Medical history. Since 2013 the dog had shown epileptic seizures and was under permanent treatment with Propentifyllin (unknown product). No deagnostics had been performed for clarification of the cause the epilepsy. The dog showed up to 3 seizures per year. On the day before the vaccination (21 Feb 15 the dog had down two subsequent seizures, which had lated longer than usual. Additionally, the dog had down two subsequent seizures, which had lated longer than usual. Additionally, the dog had down two subsequent seizures, which had lated longer than usual. Additionally, the dog had down two subsequent seizures, which had lated longer than usual. Additionally, the dog had down two subsequent seizures, which had lated longer than usual. Additionally, the Modifical is the Cattle of the Cattl	of		Nobiva L 4 - 1 N/A/N, A 24 nice (2/02/2016)	B - Possible	
NOBIVAC L4 DI	PEU-MERCKMSO-2016-DE-40232	Germany	Animal	Canine/dog	10 Year(s)	16/02/2016	07/04/2016	1	1 1	17/02/2016	Yes, GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-	Liver failure.Apathy.Vomiting.Hepatitis,N failure.Apathy.Nomiting.Hepatitis,N finising.Death_inappetence, Weak ess.Lack of efficacy_Liver damage aggravated_Elevated AST_Elevated ALT_General iliness	No Data	SANDERING ACCOUNTS AND ACCOUNTS	Retriever d	30	Nobiac L4 - 1,1N/N/A 24,0nce (15/07/2016) (1	O - Unclassifiable/unassessa Be	
NOBIVAC L4 DI	DEU-MERCKMSD-2016-DE-00241	Germany	Animal	Canine/dog	11 Year(s)	08/02/2016	26/02/2016	1	1 0	08/02/2016	Yes, <b r=""> Yes, Yes, Yes, Yes, Yes	Facial swelling (see also "Skin"),Breathing difficulty	No Data	Suspected Adverse Reaction: On 08 Feb 2016 a Chihushua was vaccinated with Nobivac SHP, Nobivac L4 and Nobivac T fall concurrently, not mixed. Two hours after the vaccination the dog showed stror facial lwelling and also had breating difficulties. The dog was presented to the vet and treated with Deametlassone. Thereafter the dog quickly recovered and was released home. In the verying of the same day the dog completely recovered. Note: Previous vaccinations with Nobivac L4 (twice in 2015) are days to the completely recovered. Note: Previous vaccinations with Nobivac L4 (twice in 2015) for basic immunization, once in 2015), and Nobivac SHP - Nobivac L spot in 2013 had bee blocked. The contractions of the contract of the contraction of the contra	Chihuahua g	5.6	Nobivac L4 - 1.N/A.N/A, 24,once (08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016-08/02/2016	B - Possible	

NOBIVAC L4	DEU-MERCKMSD-2016-DE-00301	Germany	Animal	Canine/dog	16 Week(s)	10/03/2016	14/03/2016	1 1	0 1	10/03/2016	Yes, <b R>BR> Yes, < BR> Yes</b 	Vocalisation,Vomiting,Anaphylaxis, Falling,Ataxia,Pain NOS,Apathy,Swollen face (see also 'Skin'),Gait abnormality	No Data	SAR: On LO Mar 2016 a dag was booster-vaccinated with Nobivac SHPR), Nobivac L1 and Nobivac T. After a few minutes it showed anaphylactic reaction: vomitus, swollen face, vocalization, painful on body when touched (tried to bite when handled), attaxia, gast abnormality, fell, apthia. Not life-threatening, Dog was treated with Cortisone-Fully recovered on 12 03 3016. Case closed. [Reason for use for product: Generic: LIPPI L1 Barant NOBIVAC L19 PLIOLIDS 122. Reason-Vaccination Generic: LEPTO*4[ICT,CAN,GRIPP_BRAT) NS Brand: NOBIVAC L1 10XIDS 540 Reason: Vaccination Generic: RABIES IN AUX ADJUNATIVE NS GRANT: NOBIVAC L10XIDS 540 Reason: Vaccination (State of Generic: RABIES IN AUX ADJUNATIVE NS DATE).	Chihuahua	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (10/03/2016- 10/03/2016)-BR> Nobivac SHPP- 1,N/A,N/A ,24,1 Dose (10/03/2016- 10/03/2016-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00312	Germany	Animal	Canine/dog	6 Year(s)	22/02/2016	14/03/2016	1 1	0 2	22/02/2016	Yes	Eosinophilia, Leucopenia, Falling, Let hargy (see also Central nervous system depression in "Neurological"), Refuctant to move, Proprioception deflicit, Unsteady galt	No Data	health. Good! SASC On 22 Feb 2016 a dog (mixed breed, originating from Humgary) was vaccinated with Nobwac L4. On 07 Mar 2016 the owners had presented the dog to the vet and reported that since the vaccination (exact time to onset unknown) the dog had shown unspecific rymptoms (leibarya, relactant time owney, exclusation (exact time to onset unknown) the dog had shown unspecific rymptoms (leibarya, relactant time owney, additionally, the dog had an unsteady gait in the hind legs, feways from side to side like a camely' and would fall over where stiffs, vet excensions (sightly delayed proprioception in the hind legs, otherwise on neurological or orthopedic findings. Blood court and organ profile: Leucopenia, otherwise no neurological asymptoms before. The vet's causality assessment is 0 unclassified. The vet's enhanced the control training and the control of the company of the company of the control of the lattic cool of the latti	Crossbred	10	10/03/20/36/sBR=RB> 00/03/20/36/sBR=RB> 02/02/2016-22/02/2016/sBR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00318	Germany	Animal	Canine/dog	17 Month(s)	17/03/2016	17/03/2016	1 1	0 1	17/03/2016	Yes, <b r=""> Yes, Yes, 	Pustules, Swollen face (see also 'Skin')	No Data	Suspected adverse reaction: On 17 Mar 2016, one dog (French Bulldog) was vaccinated with Noblwac SHPP land Noblwac L4 (mixed, one side) and Noblwac T (separately, other side). Within 1 hour, the face had completely swollen, including the flews and the eyes, also on the heat there were red pustules (pagrox. 17 mm dâmeter). I hour post vaccination, the dog came to the practice and the vet injected Headerdesnon. On 18 Mar 2016, the vet latiled to the owners and they stated that the swelling had completely abated and the dog is normal again (eating, etc.). Additional info: Prior to the vaccination the dog had a cough, "Interhemore, the dog had received basic immunization from another vet with the same three vaccines on 10 Mar 2015. Also, the dog had an allergy with red pustules at the body (unknown cause) in Peg 2015. No more information expected, Resson for use for product: Generic IDHPP LY Brandt NOBINAC SHPPI SONIDS 520 Resson: Vaccination Generic: LEPTO*4 (LTC.ARA) PRISP BART IX BE RAIN NOBINAC L4 STONIDS 540 Resson: Vaccination] [State of health: Lidoxonaria.	French Bulldo	g 11	Nobivac L4 - 1,N/A,N/A, 24,once (17/03/2016-8) (17/03/2016-8) (17/03/2016-8) (17/03/2016-8) (17/03/2016-8) (17/03/2016-17/03/2016-8) (17/03/2016-8) (17/03/2016-17/03/2016-8) (17/03/2016-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-0034S	Germany	Animal	Canine/dog	11 Week(s)	01/01/2016	01/04/2016	1 1	0 0	01/01/2016	Not Known,
 No</br 	Lack of efficacy	Not Known	SLEE. One puppy was vaccinated with Nobinac SHPP jolar Nobinac LLA The dog was vaccinated all days earlier than recommend (further details on the vaccine scheme not flowarded velt. Because of this, the day became possibly ill with parovivosis (accorning to owner/owners lawyer). Diagnostic was performed in another vest's practice by an antibody quick text. We received no further case details, its not known how serious the symptoms had been. RIP DO I.Apr 2016: Vaccination details: puppy born on 1001 ct 2015 and vaccinated on 30 Nov 2015 (age 5 eweeks, 6 styr. EUL treatment program not respected for Nobinac SHPP). Dog was given to new owner on 07 Dec 2015. On 12 Dec 2015 the new owner reported that the day started symptoms (symitting) allege you not 90 nez 2015 on 10 Dec 2015 treatment because of high fever. On 11 Dec 2015 diarnhose, no appetite, week, From 12 Dec 015 treatment feel south performed for very fractice, antibiotics, treatment against annother champs. Parov was diagnosed by a stool testing method. On 13 Dec 2015 along term test showed Parov (unknown details, unknown which test), but no test results had been transmitted to the vet. [Reason for use for product. Generic: DIPPP I.V Branck NOBINZ SHPP 10015 122 Reason Vaccination Generic: LEPTO*4[CT_CANG,GNPP,BRAT] XB Brand: NOBINZ CL4 100(105 540 Reason: Vaccination] [State of health: Unknown)	Other Canine/dog	Not Known	Nobiac L4 - N/AN/A/NA N/A/N/A (0)/01/2/036 01/01/2/036+8R->B8-Nobiac SPPP - N/A/N/A/A, 24 (Inform) (30/11/2015-30/11/2015)-BR>-BR>	N - Unlikely	
	DEU-MERCKMSD-2016-DE-00348	Germany	Animal	Canine/dog	4 Year(s)	16/03/2016	23/03/2016	1 1	0 1	16/03/2016	Yes, <b R×BR> Yes, >BR> BR> Yes</b 	Facial oedema	No Data	SAR: On 16 Mar 2016 a dog (Ibredt, pagle) was vaccinated with Nobiacs SPEP, Nobiacs L4 and Nobiac T. Previous vaccinations once a year with the same vaccines (single and combination use) were locitated well. Approx 2.5 hours after vaccination the dog was presented to the vel with a strong facial edema (Impedema). No respiratory signs. The dog was treated with a Cortisone and recovered approx after one hour. Case closed. Note: Case is linked to app. 2015 0:50 0309 dame reaction in another dog, same velt. [Reason for use for product: Generic: RABIES IN AUJ ADJUVANT IX Brand: NOBIACT 13 INISO 2020 Reason: Vaccination Generic: OPPL UP Brand: NOBIACS-SPEPI DIOISD 122 Reason: vaccination Generic: LEFTO*4[CT,CAN,GRIPP_BRAT] XB Brand: NOBIVAC L4 10XLID5 540 Reason: Vaccination [State of health; Good!]	Crossbred	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose 1 Animal (Lf/03/2016- 15/03/2016-18PX-8Bx-Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose 1 Animal (Lf/03/2016- 15/03/2016-18PX-8Bx-Nobivac T - 1,N/A,N/A, 24,1 Dose 1 Animal (L6/03/2016-16/03/2016)-BR> 	B - Possible	
	DEU-MERCKMSD-2016-DE-00372	,	Animal	Canine/dog		23/03/2016	24/03/2016	1 1		23/03/2016	R×BR×BR>Yes, < BR> Yes	,		SAR: On 23 03 2016 a puppy was booster vaccinated with Nobivac SHPP), Nobivac L4 and Nobivac T. Abbout 15-20 minutes later it showed high-gade swelling/cedem of the face. The reaction was treated with Cortisone and resolved within 1-2 hours. The vet described the situation as not life-threatening, [Reason for use for product Generic: DHPI J Wand NOBIVAC PRIP 10XIDS 122 Reason: Vaccination Generic: LEFTO*4[CT,CAN,GRIPP,BRAT] XB Brand: NOBIVAC L4 10XIDS 540 Reason: Vaccination Generic: ABLEST IN ALU ADJUVANT KV Brand: NOBIVAC T 10XIDS 620 Reason: Vaccination [State of health: Good]	Boston Terrie	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (23/03/2016-23/03/2016) SHPPI - 1,N/A,N/A ,24,1 Dose (23/03/2016-23/03/2016-BR> Nobivac T - 1,N/A,N/A ,24,1 Dose (23/03/2016-BR> Nobivac T - 23/03/2016-BR> 	B - Possible	
	DEU-MERCKMSD-2016-DE-00393	,	Animal	Canine/dog	2 Year(s)	09/03/2016	31/03/2016	1 1	0 0	99/03/2016	Yes,cBR>cBR>cBR>Yes	Pale mucous membrane, Circulatory collapse (see also Neurological* and "Systemic disorders") Diarrhoea, Vomiting, Wea kiness, Anaphylactic shock, Urination, Apathy	No Data	SAR: On 09 Mar 16 a dog (breed: Golden Doodle) was vaccinated with Noblwac SHP and Noblwac L4 for the first time. Apport 5-20 minutes affect the vaccination, while the dog was still not the vet practice, suddenly the dog stowed shock symptoms: very pale mucous membranes, apathy, vomiting and disurheas, almost collapsed on the treatment table (hind legs aloged away), uncomfolded uniation. The vet placed a venous catheter and applied (infusion, Cortisone (Medrate sobibile) intravenously, as well as remprisel, ambiting, and Crataegus. Karte approx 1 hour the dog was able to go home. The next dogs still be towad to some stream of the contravenously, as well as a freeprisel, ambiting, and Crataegus. Karte approx 1 hour the dog was able to plonne. The next dost still be the very sold of the contravenously of the contravenously still a bit week, so was treated with another infusion. The day after the dog had recovered. Case closed. Note: The vert had previously already reported two similar crases 2015-600099 and 2015-600007. Now again, three dogs showed similar reactions after vaccination (area of the contravenously of the contraveno	Other Canine/dog	20.5	Nobiwa (1.4 - 1,N/A/N, 2,41 Dose Not applicable 1.4 nimal (09/03/2016- 09/03/2016)=88P-8BP-Nobiwa SHP -1,N/A/N, 2,41 Dose Not applicable 1,N/A/N, 2,41 Dose Not applicable 1,4 nimal (09/03/2016)=8P-BP>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00404	Germany	Animal	Canine/dog	20 Month(s)	19/09/2014	01/04/2016	1 1	1 2	28/02/2016	Yes, 	Death,Lack of efficacy	No Data	Sapected Bick of expected efficacy for pairon The reporting vet vaccinated one dog (Schnoodle) with Noblouce SHPP, Noblouc Land Noblouce To Concurrently in a 195e 2014.16. EQ 1271 And a 15 Cet 2013. Additionally, intransal vaccination with Noblouc BIP on 15 Oct 2014 by the same vet. Presumably the dog received another vaccination at the age of 8 weeks at the breeder funknown uncertainty. The dog was a laways clinically healthy. On 28 Feb 2016 the dog was presented to the reporting vet with hemorrhagic gastroenterits and bad blood values (elevated fixing values, electrolye imbalances, leakopenis 3.1 (reference values 6-12, no classification given). Therapy with infusion. During the night of 30 Feb 2016 the dog deet. Pathological diagnostic results reveal positive parvisors infection. Case closied. [Reason for use for product: Generic: DIPPPI LV Brand NOBIVAC SHPP SOXIDS 562 Reason: Vaccination Generic: ERPTI 4/ICT.AGM.REPPREATY ISS REAM NOBIVAC SHPP SOXIDS 562 Reason: Vaccination Generic: EABLEST M. LU ADJUVANT KV Brand: NOBIVAC STANDS 501 Reason: Vaccination Generic: BASIEST M. LU ADJUVANT KV Brand: NOBIVAC SHP1 SEXIDS DIL 122 Reason: Vaccination Generic: EABLEST M. LU ADJUVANT KV Brand: NOBIVAC SHP2 SXIDS 501 Reason: Vaccination Generic: BASIEST M. RU ADJUVANT KV Brand: NOBIVAC SHP2 SXIDS DIL 122 Reason: Vaccination [State of health: Good]	Crossbred	4.29	Nobiac BRP - 1.1/I.AN/A 24.nce (8 Week() 1.61/1.0214 . (8 Week() 1.61/1.0214 . (6 Week() 1.61/1.0214 . (6 Week() 1.61/1.0214 . (6 Week() 1.61/1.0214 . (6 Week() 1.61/1.0214 . (7 Week() 1.61/1.0214	N – Unlikely	

	DEU-MERCKMSD-2016-DE-00		Animal	Canine/doį	12 Week(s)		6 05/04/2016	1 1	0 26/03	R> <br< td=""><td>> Yes, 'Ski BR> < rea R>Yes</td><td>cial swelling (see also kin),Wheal,Generalised allergic action NOS,Laboured breathing</td><td>No Data</td><td>Supertial diverse resistion. The reporting set succinated one dog (Labrudor Retriever) on approx 26 Mar 2018 with Nobuse SEPIR Noblevia Let Institutationally and Retriever (In approximately a Service state the dog showed a strong allergic reaction plead swelling, wheats on the body, heavy to enabling). Therapy understates Controlone and Benedin (Institutational). The dog recovered the same day. Additional info: dog was first succinated with 8 weeks of age at the breeder let suspects this to be Noblevia Cal and Noblevia SEPIP unknown if there was a reaction. Case closed: [Reason for use for product: Generic: DIPPI LV Branch NOBINAC SEPIP SOURCES 520 Reason. Vaccination Generic: ERDTO-4[InCT.ORA.DREP.BRATI SER STAK NOBINAC SEPI Reason. Service (RABIES IN ALU ADUVANT KV Brand: NOBINAC SEPIR CALL SEPIRATION CALL SEPIRATION</td><td>Retriever</td><td>11</td><td>Nobivac L4 - 1,N/A/N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac SHPPI - 1,N/A,N/A,24,once (26/03/2016-8R>-Nobivac SHPPI - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/</td><td>B - Possible</td><td></td></br<>	> Yes, 'Ski BR> < rea R>Yes	cial swelling (see also kin),Wheal,Generalised allergic action NOS,Laboured breathing	No Data	Supertial diverse resistion. The reporting set succinated one dog (Labrudor Retriever) on approx 26 Mar 2018 with Nobuse SEPIR Noblevia Let Institutationally and Retriever (In approximately a Service state the dog showed a strong allergic reaction plead swelling, wheats on the body, heavy to enabling). Therapy understates Controlone and Benedin (Institutational). The dog recovered the same day. Additional info: dog was first succinated with 8 weeks of age at the breeder let suspects this to be Noblevia Cal and Noblevia SEPIP unknown if there was a reaction. Case closed: [Reason for use for product: Generic: DIPPI LV Branch NOBINAC SEPIP SOURCES 520 Reason. Vaccination Generic: ERDTO-4[InCT.ORA.DREP.BRATI SER STAK NOBINAC SEPI Reason. Service (RABIES IN ALU ADUVANT KV Brand: NOBINAC SEPIR CALL SEPIRATION	Retriever	11	Nobivac L4 - 1,N/A/N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac SHPPI - 1,N/A,N/A,24,once (26/03/2016-8R>-Nobivac SHPPI - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/03/2016-8R>-Nobivac T - 1,N/A,N/A,24,once (26/03/2016-26/	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00			Canine/doį	; 7 Year(s)	01/10/2019	5 09/08/2016	1 1	0 01/02	R> 	> Yes	ck of efficacy	No Data	SLEE for Lepto: In Cit 2015 one of the vet's own dogs (breed Rottweller) was vaccinated with Nobivo Land either Nobivo Land Port Nobivos Prior	e d 5	60	Nobbac L4 - 1,N/A/N, 2,41 Dose Not applicable 1,4 nimal (0,1/a)(2015- 0,1/a)(2015-)(2016-)(20	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00	51 Germany	Animal	Canine/do	Not Known	07/03/2016	5 11/04/2016	1 1	0 07/03			naphylaxis,Facial swelling (see so 'Skin'),Allergic reaction	No Data	SAR: Original case 2016-DE-00340 was split into 5 separate cases, because detailed information on the affected patients was received on follow-up (11 Apr 16). The reactions had initially been reported as follows: allergic reactions, facal edema, anaphylasis after vaccination. This case contains patient information on dog 84: One Chihushaw was vaccinated with Nobivace IP and Nobbace L4 (inseed) on 07 Mar 2016. On the same day after the vaccination, the dog showed strong head swelling (Phipopopotanus-head?). Treatment with Depo-Mediate injection (Methylprednicolone) was applied. After 1 day, the dog was olava pagin (84 and 16). No more information expected, Linked cases: 2016–00-0048, 2016-DE-00340. [Reason for use for product: Generic: LEDTO-41(CT.CAMER/BRATI) XB ITAMIN CROWNER (SAME) CANNER PARAINFULENZAL V Brand: NOBIVAC L4 SONIS SAME Reasons Vanccination) [State of health: Good!	e Chihuahua	Not Known	Nobiwa: L4 - 1,N/R,N/A, 24,1 Dose Not applicable 1 Animal (07/03/2016)-BR>~BR>Nobiwa: Pi - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (07/03/2016- 07/03/2016)-BR>~BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00	52 Germany	Animal	Canine/do _l	Not Known	16/03/2016	6 11/04/2016	1 1	0 16/03			naphylaxis, Urticaria, Reddening of e skin, Allergic reaction	No Data	SAR: Original case 2016-DE-003040 was split into 5 separate cases, because detailed information on the affected patients was received no follow—pil 1.24 pc.16. The reactions had initially been reported as follows: allergic reactions, facial edema, anaphysics after vaccination. This case contains patient information on dag 95: One small pool was vaccinated with Noblwac SFIPs and Nobleau CEI principed on 16 Mar 2016. On the same day after the vaccination, the dag showed severe utricaria with redeeling all over the whole body (including the flews), Contrary to the initial report this dog showed on facial edema. Treatment with Depo-Mediate injection (Methylpredisolone) was applica. After 1 day, the dog was obleay applic 17 Mar 17.0. No more information expected. Linkee cases: 2016-DE-00448, 2016-DE-00449, 2016-DE-00451, 2016-DE-00440, 2016-DE-00451, 201	e Standard Poodle	Not Known	Nobhac L4 - 1,N/A,N/A 24,1 Dose Not applicable 1. Animal (16/03/2016- 16/03/2016-BR-SB-Nobhac SHPP1 - 1,N/A,N/A, 24,1 Dose Not applicable 1. Animal (16/03/2016- 16/03/2016)-BR> 	B - Possible	
	DEU-MERCKMSD-2016-DE-00			Canine/do		07/04/2016		1 1		I/2016 Yes	sho	rspnoea,Anaphylactic ock,Laboured breathing,Apathy	No Data	SAR: Dn7 Apr 2016 a dag was vaccinated with Nobivac L4. About 5 ins later the dag was presented a emergency case to a vet clinic with the following symptoms: agaywaste beating, dypnea, apathy, stretching its neck, anaphylacit shock. Diagnostic was performed (i-ray, Bood test). Treatment with Ragiderout, Amoutilian, Dimazon, Theologhillie. On the next day the dag had recovered 108 Apr 15. Case closed. Further information: Dog was not vaccinated with Nobivac L4 before, but with Nobivac Rabbes and various on-nAMM vaccines. [Reason for use for product: Generic: EFFOT*GICT_CAN_CRIPP_BRAT] Vis Brand: NOBIVAC L4 50X1DS 540 Reason: Vaccination] [State of health: Good]			Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (07/04/2016-07/04/2016) 	A - Probable	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-00	Germanya Germanya	Animal	Canine/dou	: 8 Week(s)	27/04/2016	6 10/06/2016	9 2	1 27/04		> Yes and distribution of the distribution	allapse (see also Cardio-vascular d'systemic corders). Death, Weahness, Facel confience, Breathing (Ficulty), incoordination, Liver confience, Breathing (Ficulty), incoordination, Liver corder MCD, Decreased trivity, celeraria illines, intestignal order MCD, Decreased in the confience of MCD, Decreased trivity, celeraria illines, intestignal confient MCD, Diggastive tract corder MCD.	No Data	Superted adverse reactions: 9 puppies from one litter were vaccinated with Nobbac 5HPP and Nobbac 14 (Invited on 72 Apr 2016 towards 4 p.m. On the same day after the vaccination, one puppi was calmer than usual. In the next morning, the owners called the vet twice to report that this puppy is accident than usual. In the next morning, the owners called the vet twice to report that this puppy was calmer than usual. In the next morning, the owners called the vet twice to report that this puppy is accident that the puppy died. The inhal do year was smudgly (owners were not sure if urine or faces). Stabilization was tried, but after approx. 65 - 1 h, the puppy died. The dead animal body is stored at the breeder (cooled), the vet will institute autopy. The vet described the event a vaccine related (but gave no definite causality evaluation). During this phone call (28 apr 2015, aprox 32 Dµ) in the vet was called on another phone by the owners who reported that another puppy of the same little has a problem and had toppied over. The vet ended out reported that another puppy of the same little has a problem and had toppied over. The vet ended out which was a considered to the same little read of the problem of the school pupp (related) and the further development of the second reacting pupp, Follow up 10 b in 16. The scend puppy field massively ill and needed to be treated in intensive care for 2-4 days, the is table now again but is still wask and according to the owner(predered) is having some form of collapse conditions once a week, outcome is alwe with sequelae. The pathology report states that the period puppy died from a personate bacterial mis-infection by the same lister and probably by the bod of stream to other organs. The infection with Escherichia coil and Streptococcurs faceals might have occurred through ora-alimentary uptake. Also an excessive proliferation of intentinal bacteria is possible. And agestion disorder that displacation of intentinal bacteria is possible. And agestion disorder that displacati		.58	Nobbac L4 - 1.N/N/N A 24.0nce (27/04/2016 27/04/2016) eRPBB-Nobbac SHPP - 1.N/AN/A 24.0nce (27/04/2016-27/04/2016)-BRBR-	O - Unclassiflable/unassessa ble	

NOBIVAC L4 DEU-MERCKMSD-2016-DE		mal Canir	8 ine/dog	Week(s)	28/04/2016	20/05/2016	2 1	1 29/0	R><	, <b< td=""><td>Shock, Sudden death, Cutaneous necrosis, Muscle necrosis</td><td>Unauthori sed dosage - other</td><td>Suspected adverte reaction: On 28 Apr 2016 (approx 7.30 p. m.) 2 pupples were vaccinated with Onchwac 1497 milat reactively for the first time. The next morning (approx 7.30 p. m.) 4 pupples were vaccinated with Onchwac 1497 milat reactively for the first time. The next morning (approx 7.30 p. m.) 4 pupples was found dead without any other symptoms. A postmortem examination was intrinsed. Note: During the injection of the midwa cucine, the pupple moved and the medile detached from the syrings, so that approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and pappox half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. The expected, PL (20 May £C: Diagnosis of pathological examination, before vaccination, but had always been less active and slightly calmer than the second pupply. The second pupply showed nor reaction after vaccination. It is a public value of the original value of the public value of the value o</td><td></td></b<>	Shock, Sudden death, Cutaneous necrosis, Muscle necrosis	Unauthori sed dosage - other	Suspected adverte reaction: On 28 Apr 2016 (approx 7.30 p. m.) 2 pupples were vaccinated with Onchwac 1497 milat reactively for the first time. The next morning (approx 7.30 p. m.) 4 pupples were vaccinated with Onchwac 1497 milat reactively for the first time. The next morning (approx 7.30 p. m.) 4 pupples was found dead without any other symptoms. A postmortem examination was intrinsed. Note: During the injection of the midwa cucine, the pupple moved and the medile detached from the syrings, so that approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. Therefore, a second dose was mixed and pappox half of the vaccine squired out. Therefore, a second dose was mixed and approx half of the vaccine squired out. The expected, PL (20 May £C: Diagnosis of pathological examination, before vaccination, but had always been less active and slightly calmer than the second pupply. The second pupply showed nor reaction after vaccination. It is a public value of the original value of the public value of the value o	
NOBIVAC L4 DEU-MERCKM/SD-2016-DE			ine/dog 13		04/05/2016	04/05/2016	1 1		R× <br BR> R×</br 	, <b <bry="BRYPES," r=""><bry=br> ><brypes, br="">YES, BR> <brp<br< br=""> <br< br=""></br<></br></brp<br<></brypes,></bry=br>	Trembling,Vomiting	No Data	Suspected Adverse Reaction: On M May 2016 a Chihauhau puppy (13 weeks old) was vaccinated with Chihauhau puppy (13 weeks old) was vaccinated with Chihauhau puppy (13 weeks old) was vaccinated with Chihauhau	
NOBIVAC L4 DEU-MERCKMSD-2016-DE				Month(s)	04/05/2016	09/05/2016	1 1	0 04/0	R× <br BR></br 	 BR>Yes, R> BR> > Yes	Facial swelling (see also 'Skin), Quincke's codema, Breathing difficulty, Respiratory tract disorder NOS, Foam in the mouth	No Data	Suspected adverse reaction: One dog (Pucle Misi) was vaccinated with Nobless: SHPP), L4, T simultaneously by the reporting vet on Day May 16. Approx 1 hours later the owner called the vet because dog showed swelling on its flews, ear and eyes, basically the whole head was swollen. Salva stoamy/blistered, which according to the reporting vet van say (not owner) of the respiratory tract. The owner also stated that the dog had breathing difficulties. The owner administered one tablet of continone (Tablets was left owner from a previous owned dog). Thereafter the dog recovered visibly and after a few hours (seart time unknown) the dog was fine again. The dog was not presented to the reporting vet. Case code. (Reason for vector for product. Generic. IDMR IDM STAPLE) 10XIDS 122 Reason. Vaccination Generic. ERRISTS M AUI ADJUVANT KV Brand: NOBIVAC.F10XIDS 20X Reason. Vaccination. [State of health: Good]	
NOBIVAC L4 DEU-MERCKMSD-2016-DE	Germany Aran	Canir	ine/dog 3	Year(s)	10/05/2016	30/05/2016	1 1	0 10/0	≻B Yes R≻		Facial swelling (see also Skin) Breathing difficulty	Not	Reason for treatment: vaccination and deworming suppreted adverser reaction: On 10 May 16 Considered (morning) ad og was vaccinated with Moleva SEPPB and Noblews. Exh simulations (with in the evening of the same day, the dogs showed progressive facial swelling, litter also breathing difficulties due to swelling of the nose. The owner contacted an emergency vert by phone who recommended to monitor the dog without treatment. The next day the dog was presented to the attending vert, no more breathing difficulty but face still swollend an emergency vert in rectand contact the contact of the day of vaccination in the aftermore. Case close Additional information added 87 Mall (layer) from a duplic acte are number DEBMTRRMH-2016-34258 (Meptor 18258); On 2016-65-10 in the morning, one bichrobund crossed dog (p. 88), a system, unknown set judge of physical continon, with no exterior and unknown whether excording to tabell). The owner was given one tablet of fordineder for medium sized dog policy 16-10 (proteoming and administrated this onally two hours later at home (also first time; unknown whether with food or in fasted condition, MMR at status unknown, dopon talkey a Dechloround Prosinger consteal, in the afference on the same day, the owner discovered that the whole head of the dog was swellen (including ears, face etc.). As the dog also developed post time are represented that the whole head of the dog was swellen (including ears, face etc.). As the dog also developed boliuser departing, the owner called the mergency verteriors are vertex and they suggested to go to the surgery the next day. No information about any potential local sting and/or oral instead of allergens was reported. On 2016-55-11 the dog was increded with 18-2 florid to the content of the same day. The content of the same day to the content of the same day and the document patient for the content of the same day. The document of the same day to the content of the same day to the same day to the same day to the same day to the same day. The documen	
NOBIVAC L4 DEU-MERCKMSD-2016-DE	00678 Germany Anin	mal Caniri	ine/dog 10	O Year(s)	10/05/2016	17/05/2016	1 1	0 14/0		 Yes	Eosinophilia, Leucocytosis, Lympho ma, Fever, Breathing difficulty, Elevated AST, Elevated ALT, General illness, Elevated lactic acid dehydogenese (LDH) Food refusal, Enlarged lymph node (localised)	No Data	Supperted adverse reaction: One dog was vaccinated with Nobivac L4 and Nobivac T (concentiantly) on 10 May 10. During the weekend (14-15 May 16) the dog was doing but, had feer at 35.5°C, ct. stopped eating, storing melling of all improduces counted, first noted at the next, the generalized According to the vert it looked like a multi-centric lymphoma in the final stace, the dog also had been been been been been been been bee	
NOBIVAC L4 DEU-MERCKMSD-2016-DE			ine/dog 5		22/04/2016		1 1	0 22/0	R>< <br BR></br 	 Yes, R> <	Allergic oedema, Reddening of the skin/nappetence, Berating difficulty, Face and neck swelling (see also 'Skin'), Emesis (multiple)	No Data	Suspected adverse reaction: One day was vaccinated with Nobivac SHPP, Nobivac L4 simultaneously and Nobivac T Concurrently on 22 Apr 16 by the reporting wet Approx 15 to 20 miles there the day showed defentations swelling and skin reddening of his head and neck as well as breathing difficulties. Treatment with Controls neith very provided that the day was improving but was vomiling. The next morning the day somitted twice, and had no appetite. One 24 Apr 15 the day was fine again. On 21 May 15 the attending wet states that this day in general has breathing difficulties because of his weed (threeding for vineability traits) and his obesity. Case closed. Follow up 66 in 18: The reporting vet provided the missing batch numbers. Case closed. (Reason for use for product. Generic: Othor. CAPREST AND LANC SPRESTANCES OR Reason: Vaccination Generic: LEPTO*QLIC_CAMC_GRIPP_BRATI XB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination (State of health: Good)	
NOBIVAC L4 DEU-MERCKMSD-2016-DE	00864 Germany Anin	mal Canir	ine/dog 8	Week(s)	20/05/2016	01/06/2016	1 1	0 28/0	Kno >≺B	own, <br BR> >BR> t Known</br 	Lack of efficacy	Not Known	SLEE: A pagey, 8 weeks old, was vaccinated on 20 May 2016 with hobbacs SHPPI and Nobbac L4 Other Concenibate use, 07.0 8 May 2016 the Gows as given to new owner, who reported this case. The day showed to by grade dilarnhoes (unchapsed), 07.29 May 2016 wornting, watery Gardness. Frowarded to evit clinic, faces positive Parovivirosis tested in a laboratory. Owner asked for medical advise. Case closed. [Reason for use for product: Generic: DHPPI LV Branch NOBIVAC SHPPI JOINTO \$122 Reason. Vaccination Generic: LEPIO*4 (LTC_KAN_GRIPP_BRAT) KB Branch NOBIVAC L4 10X1DS 540 Reason.	

	,																		
NOBIVAC L4			Germany	Animal	Canine/dog	12 Week(s)	03/06/2016	03/06/2016	1 1		Post Process of the second Process of the se	es, membrane,Vomiting,Dyspnoea,Fac × al oedema	No Data	SAR: On 31 un 2016 at 9.45 am a puppy was vaccinated with Nobious EHPR, Nobiuse L 4 and Nobiuse for the first time (previous vaccination) with non-company vaccines). Approx 1.50 minutes after vaccination the dog showed storing facial edems, Lachycardia, pale mucous membranes, dysponcea and vointing. Veterinary treatment with Cereina and Deacamethosone s.c. When the vet eproted the case approx at noon the dog was already recovering, still mild edems, but other symptoms had abated. Case closed. [Reason for use for product: Generic: DHPD IV Stand: NOBIVAC L450X1DS 540 Reason: Vaccination Generic: LEPTO*4[ICT_CAN_CRIPP.BRAT] KB Brand: NOBIVAC L450X1DS 540 Reason: Vaccination Generic: Rable ISS in ALU AUJUVANT KV Brand: NOBIVAC T 50X1DS 520 Reason: Vaccination] [State of health: Good]	Canine/dog	Not Known	Nobivac (4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (03/06/2016- 03/06/2016-BR>~BR>Nobivac SHPP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (03/06/2016- 03/06/2016-BR>~BR>Nobivac T - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (03/06/2016- 03/06/2016-BRP~BR	B - Possible	
NOBIVAC L4	DEU-MERCIMASO-2016-4	DE-00918	Germany	Animal	Canine/dog	9 Week(s)	27/05/2016	07/06/2016	7 4	0 03/06/	016 Not Not Known, ERX-ER YEAR YEAR YEAR YEAR YEAR YEAR YEAR YE		Not Known	SAR. Aver reported that on 27 May 2016 a litter of 7 pupples (Breed. German Pincher, age 9 weeks) was vaccinated with Nobhacs. 45 m and 1 m 2016. 7 days post vaccination, one puppy showed a generalized epileptiform selaure, cramps, lateral recumbency. 3 further pupples developed neurological signs on the 8th day post towactionation (park). Puppy 8t was presented to a vet clinic. It is not clear withch diagnostic examinations were performed there, but the dog was treated with Contisone and antibiotics and released home. The other 3 dogs received the same treatment. On 7 Jun 2016 all dogs had improved, but were still under treatment. On 8 Jun 2016 the owner of 1the pupples also contacted us separately from the vet. According to the owner all apuppies also contacted us separately from the vet. According to the owner of 18 pupples also contacted us separately from the vet. According to the owner of 18 pupples also contacted, ruther treatment with the contacted to information received by the vet-0 3 Juni, the other ones later (not exactly specified). Therapy: within 1-2 hafter start of the vet of 18 pupples with the 18 pupples as later secretary in the second size of 18 pupples with the 18 pupples as later secretary. On FU on 15 Jun 2016 the vet reported that all pupples were fit again. Medication given had been Predictioner, Amousticiny, VR 8. No nore information expected. [Reason for our for product. General, DPF V D Branch, Amousticiny, VR 8. No nore information expected. [Reason for our for product. General, DPF V D Branch, ORDING SP 5000EDS CORRESSOR V 2016 Control (18 pupples) were fit again. Amousticiny (18 Branch KOBINAC L) 50x105 54 reason: Vaccination (18 title of health Good)	German Pinscher	Not Known	Nobbac L4 - 1.N/N/N A 24.1 Dose Not applicable 1 Animal (27/05/2016- 27/05/2016-BR-VBR-Nobbac SHP- 1.N/A.N/A 24.1 Dose Not applicable 1.N/A.N/A 24.1 Dose Not applicable 1.A/MA/DESTRUCTION OF NOT ADDICABLE 27/05/2016/SBR-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-1	DE-00937	Germany	Animal	Canine/dog	16 Month(s)	08/06/2016	10/06/2016	1 1	0 08/06/	E016 Not Known, BR > BR Not Known, Not Known, Known, Known	R> defecation,Panting,Local swelling (not application site),Localised R itching,Gait abnormality	Not Known	Sapected Adverse Reaction: The dog was vaccinated on 08 Jun 2016 with Nobine SPPPP and Nobined Land Nobined Thera general examination which was inconspicuous, Approx 15, brows Ister, the owner came back to the practice with the dog. She stated that the dog walks strangely, had shown uncontrolled defectation and shows storing thing at the fold of the nose. In the practice, the dog appears excited and is parting strongly, the heart frequency is elevated, a clear swelling of the folis of the nose is nobial. Textament with controls to .v. was applied, thereafter improvement of the symptomatology occurred. Start / Duration of reaction: approx 1,5 hours post vaccination/approx 1 hour. No more information expected, Reason for use for product: Generic CHPPI VB rand: NOBINAC SEPP 100X155 122 Reason: Vaccination Generic LEPTO*4QTC.TAN.GRIPP.BRATI KB Brand: NOBINAC T-1 OXIDS 504 Reason: Vaccination [State of health: Good]	Pug	8.4	Nebisut L4 - 1.N/A,N/A, 24,1 x 1 dose (88/06/2016- 00/06/2016-98-R-BR-Nobivac SHPP) - 1.N/A,N/A, 24,1 x 1 dose (08/06/2016-08-RB-Nobivac T - 1.N/A,N/A, 24,1 x 1 dose (08/06/2016-08/06/2016)-8R-Nobivac T - 1.N/A,N/A, 24,1 x 1 dose (08/06/2016-08/06/2016)-8R-<8R-	B - Possible	
	DEU-MERCKMSD-2016-I		Germany	Animal	Canine/dog		10/05/2016		1 1		1016 Yes	Lack of efficacy		SLEE: On JO May 2016 a dog had been vaccinated with Nobhac L4. On 08 Jun the dog appeared unbealthy and true therefore blood tests had been performed. They pointed to issufficiency of kide and antibodies had been low for Leptospira (L. Canicola 1:100 and all other serovars below 1:100). Th vici asked the MMH for advise because of the low these. Then urine PCR was performed and revealed negative test results, no suspicion of lack of efficacy any more. [Reason for use for product: Generic LEPTO*QUCT_CAN_GRIPP_BRAT] XB. Brand: NOBIVAC L4 10XLIDS 540. Reason: Vaccination) [State of health: Good)	Beagle V e		(1 Day(s) 10/05/2016- 10/05/2016) 	N - Unlikely	
	DEU-MERCKMSD-2016-I		Germany	Animal	Canine/dog		17/05/2016	16/06/2016	1 1	1 2,73,	Poster Programme	55, <<	No Data	Suspected adverse reaction: One dog got vaccinated with Noblwas SHPP and Noblwac L48 simultaneously and Noblwac T consurrently on 17 May 15. During booter vaccination for L4 on 16 Jun 15 the owner reported to the attending wet that approx 24 hours after initial vaccination the dog had an eligifild melie les convolsion for appors 3-05 seconds. The owner didn't present the dog to a vet, therapy or further neurological examination was performed. The dog was healthy and time of booste vaccination. Case littled with 2015-05-0003, same practice case loosed. [Reason for use for product: Generic: DHPP LV Branch NOBIVAC SHPP SOXIDS 620 Reason: Vaccination Generic: LEPTO*4[ICT.AAMSPIRP.BAT] 188 ERNA KIONIVAC LISHOS 540 Reasons Vaccination [State of health: Good of the Control of the Control of the Control of the Control of Sharp Soxida Sharp	Pug	7.5	Nobivac L4 - 1,N/A,N/A,24,once (17/05/2016) 17/05/2016) RR>>-RR>Nobivac SHPP-1,N/A,N/A,24,once (17/05/2016) 17/05/2016, RR>-Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/2016) RR>-RR>Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/2016) RR>-RR>-Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/2016) RR>-RR>-Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/2016) RR>-RR>-Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/2016) RR>-RR>-Nobivac T - 1,N/A,N/A,24,once (17/05/2016-17/05/20	O - Unclassifiable/unassessa ble	
	DEU-MERCKMSD-2016-1		Germany	Animal	Canine/dog		06/06/2016	16/06/2016	1 1		016 Yes	Pale mucous membrane, Cough, Fever, Laboured breathing, Other coagulation abnormality, Thrombocytopenia, Le ucopenia, Abnormal test result, General islaed a weakness, Hypoalbumina emia, Decreased red blood cell count, Decreased haemoglobin	No Data	Saspected adverse reaction: One dog was vaccinated by the reporting vet with Nobivac L4 on 05 Jun 16. On the day of vaccination the day was shaving a little cough. The same day in the afternoon the dog showed slightly reduced general health status and was a little weak/sleepe, On 13 Jun 15 the dag was presented to the practice. Symptom: Fever 40.75 degrees, at little weak/sleepe, On 13 Jun 15 the dag was presented to the practice. Symptom: Fever 40.75 degrees, at little weak/sleepe, On 13 Jun 15 the dag was plan imcross and complete Blood court (CEC) was performed with decreased leakocytes, thrombocytes, erythrocytes, albumin, hemoglobin (to half), hematocrit 23%. Ultrasound showed no addominal and speen aberations. Therapy with Predistoined and WI B12. On 17 Jun 16 PT normal, arTT 105 (instead of 128), all other parameters further decreased (no exact specification available). Farther therapy with Predistoined and KI. On 22 Jun 16 the dag showed improvement, and CEC value improved. Autoimmune-haemolytic anaemia suspected. Note: The dog was vaccinated before agains Kamel Cough in Fed 2015 and 549 (Fond-MM) Product 13 search 30. Dog is kelbmaniasis negatet. Only is under epileppy treatment with Luminal since Mur 15. Case closed. [Reason for use for product: Generic: LETPO-41(CT.AMG,ABIP)-BBRAT) KB Brand: NOBIVAC L4 50X105 540 Reason: Vaccination] [State of health: Unknown]		32	Nobhwc L4 - 1.N/N,N/A 24,once (06/06/2016-06/06/2016):48r-c8R-	B - Possible	
	DEU-MERCKMSD-2016-I		Germany	Animal	Canine/dog		04/07/2016	05/07/2016	1 1	1 2,3,	Mot Known, B > BR>BF Yes, BR>BF R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	t> skin,Eyelid oedema 88 0, <<	No Data	SAR: On 4 Jun 2016, 18:30, a French Bulldog was uscrinated as every year with Nobbusc 1999 F-L4, Nobbusc 1 and Merlyme (EUL concurrence up. 3-15 dm investigated set feet dogs down dhigh grade reddering of the face, facial swelling, swelling of eye lids, generalized reddering of the skin (nearly paids, Affeld coal Loop was treated with Cortisone and homeopaths medicine and showed improvement of signs within 30 minutes. The situation was not life-threatening. Case closed. [Reason for use for product: Generic: DHPI DI MID STAR STAR STAR STAR STAR STAR STAR STAR	French Bulldog	Not Known	Maryline Merial Borelliose - 1.N/A.N/A, 24,1 Dose (04/07/2016- 04/07/2016-)8R>-8BR>Notivac L4 - 1.N/A.N/A, 24,1 Dose (04/07/2016- 04/07/2016-)8R>-8BR>Notivac L4 - 1.N/A.N/A, 24,1 Dose (04/07/2016- 04/07/2016-)8R>-8BR>Notivac T - 1.N/A.N/A, 24,1 Dose (04/07/2016- 04/07/2016-)8R>-4BR>Notivac T - 1.N/A.N/A, 24,1 Dose (04/07/2016- 04/07/2016-)8BR>-8BR>-		
NOBIVAC L4	DEU-MERCKMSD-2016-I	DE-01194	Germany	Human	Human	Not Known	07/07/2016	07/07/2016	1 1	0 07/07/	016 Not Known, B >BR>BR>BR Not Known	Injection site swelling_Injection site R pain_Injection site reddening >	Not Known	Human exposure. During vaccination of a dog with Nobixes SIPPP and Nobixes L4 (simultaneously) on 70 Jul 16 the dog moved and the syringe went through the skin of the dog into the fingertip of the reporting yet, approx 1 dro (p) (1.ml) of vaccine was injected into the fingertip. Thereafter the fingertip showed welling, reddering and was painful. This listed until 11 Jul 16 when the welling went down.the pain and reddering subsided and the finger could be properly moved again. The vet ddn't go to a physician and ddn't wear protective gloves during vaccination. Physician visit recommended nevertheless. Case closed. [Reason for use for product: Genetic: DIPPPI LV Brand: NDBIVAC-SIPPI SOXIDS 520 Reason. Accidental Exposure Genetic: ETPPI QCT, CANGRIPP party. 38 arad: NDBIVAC L4 SOXIDS 540 Reason: Accidental Exposure] [State of health: Unknown]	Human	Not Known	NOBINAC L4 SOXLDS 540 -BR>-BR>-OBINAC SHPPI124 -SBR>-SBR>	B - Possible	

NOBIVAC L4 DEU-MERCKMSD-2016-DE-01233		Canine/dog 11 Year(s)	04/07/2016 14/07/201		Yes, GR>-CR>-CB R>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CB	N N	SAR: A dog (Beagle) was vaccinated with Nobivac LA, Nobivac SHPP) and Nobivac To no Pal Ja 2016. On 50 Jal 2016, the 60 plowed vomiting and was doing very but Gorded as general Hillens). Standard therapy was applied, including infusion and Cerenia. 2 days later, the vomiting had disappeared and the wowers reported that the 60 years oding beter again. Since then, they exh the redge had shown a infusion reaction with a days after vaccination with Nobivac LA (Nobivac Pal and Nobivac Tes 2016-06-01234) and had been diagnosed with pancreatilis. Case closed. Note: This case is also linked to case 2016-06-01235 (loutser of reports from same reporting wit). Reason for use for product: Seneric: LEPPT Val(CT,CAN,GRIPP BRAT) is Brand: NOBIVAC LA SOXIDS-500 Reason: Vaccination Generic: DPPT LA GRIMM: NOBIVAC TSOXIDS 620 Reason: Vaccination [State of health: Good]	Beagle		Nobinc L4 - 1,N/A/N, 24,1 Dose Not applicable 1 Animal (04/07/2016-04/07/20	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-01234		Canine/dog 10 Year(s)	06/07/2015 14/07/201		R>cBR>cBR>es, resul cBR>cBR> BR>cBR>Yes	ult, Pancreatitis, Elevated s.e., Elevated amylase	SAR: While reporting a current case in a Beagle (see linked case 2016-DE-01233), the vet reported that the same dog had shown a similar reaction after previous vaccination last year. One 5J 2015 the dog had been vaccinated with Nobibux L4, Nobibux C1 and Nobibux C1 and on 08 Jul 2015 the 30 middle part of the previous constitution of the previous constitution of part of the specific partners is passe was performed and revealed a physiologic value. At that time, the dog was doing well again account of the previous constitution of partnerships constitution of the previous constitution of	Beagle		Nobinc L - 1,1M/A/N, 2,21, Doe Not applicable 1, Alminal (06/07/2015-06/07/20	O - Unclassifiable/unassessa ble	
NOBIVAC LA DEU-MERCKMSD-2016-DE-01235	5 Germany Animal	Canine/dog 13 vear(s)	02/07/2016 14/07/201	3 0 06/07/2016	Known, BR murr > BR> e,Ab	rmur,Vomiting,Lameness,Malais bnormal test ult,Tiredness,Pancreatitis,Elevat	SAR. A dog (Jack Bussell Terrier) was vascinated with Nobbase I.4, Nobbase CP and Eurican Merilyin leperately, other injection stells on Q1 at J2016. On G0 bit J2016, the dog Showed vormiting, malaise / was doing very bad, was much more tired than usually, was more "lame" than usually (probably this means slow movements; see pressing medical conditions; problems with the back, spondylosis) and had a cardiac marmur. X-ray was performed without special Indings. Blood test: elevated lipase (1124; domained in the special special special special particles special particles place (1124; domained in the special special special special special special special special special special particles and special special special special special special special special special special particles and special special special special special special special special special special particles and special special particles and special special particles and special special special special special special special special special special particles and special special special special special special special special special special particles and special spe	Jack Russell Terrier		Eurican Nerilym - 1,N/A.N/A, 24,1 Dose Net applicable 1 Animal (02/07/2016: 02/07/2016; Dels-RBN-BBN-bobwac L4 - 1,N/AN/A, 24,1 Dose Not applicable 1 Animal (02/07/2016- 02/07/2016)-BRN-BBN-bobwac Pi - 1,N/AN/A, 24,1 Dose Not applicable 1,N/AN/A, 24,1 Dose Not applicable 1,N/AN/A, 24,1 Dose Not applicable 1,N/AN/A, 24,1 Dose Not applicable 02/07/2016)-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-01258	8 Germany Animal	Canine/dog 4 Month(s)	12/07/2016 14/07/201	1 1 0 13/07/2016	R> Yes, pain,	N. Activity of the Control of	ASR- On 12 Jul 2016 at 3:30 pm. a dog was vaccinated with Nobleus CIPP and Nobleus C L4 (mixed yriving) and Nobleus C Telepartely), on erginge on each side (right /Hft), eact a pollication site unknown. On the next day after vaccination, the dog was slightly pathetic, ate slightly less and had pain when walking with slight ataxia. The dog was presented on 14 Jul 2016 at 10.56 a.m. in the practice in the following condition: temperature 40.3 °C, painful in all joints, it walked very badly walking difficulty, labout ests revealed lescopts as 11.950 (normal: between 6000-12000 / microlliter). A test for Borelliosis was initiated, but results are not available yet. The vet considered the reactions as vaccination side-effects of Nobleus. Additional information. Table of third of the dog in the dog's records is 27 Mar 2016, but it was estimated, that the dog must be at least 4 weeks older based on it's size and on effection changes. The vet will contact in in case of further relevant enformation, ontherwise case closed. [Reason for use for product: Generic: DHPP I.V Brand: NOBIVAC L4 SOLIDS 500 Reason: Vaccination Generic: L400-17 (ADI/VANT NV Brand: NOBIVAC L4 SOLIDS 500 Reason: Vaccination (State of health. Good)	German Wire- haired Pointing Dog		Nobwa Ct - 1,1M/A/M, 2,41 Dose Not applicable 1,4 Animal (12/07/2016-12/07/2016-12/07/2016-12/07/2016-12/07/2016-12/07/2016-12/07/2016-12/07/2016-12/07/2016-18-Nobwa C T - 1,1M/A/M, 2,41 Dose Not applicable 1,4 Animal (12/07/2016-18-Nobwa C T - 1,1M/A/M, 2,41 Dose Not applicable 1,4 Animal (12/07/2016-12/07/2016-12/07/2016-18-SBN-08-08-04-12/07/2016-18-SBN-08-08-04-08-08-08-08-08-08-08-08-08-08-08-08-08-	B - Possible	
NOBIVAC LA DEU-MERCIMISD-2016-DE-01266		Canine/dog 6 Year(s)	04/07/2016 18/07/201		 Yes	Jatony disorder NOS	Suspected adverse reaction. On Ot I Jul 16 a dog was vaccinated with holives: SHPPI, Nobbac L 1 and Nobbac T. Approx 10 5 minutes latter theog by down, showed nauses, was paring and had inculatory problems. The vet immediately applied controlner. Thereafter, the dog recovered within 15 0.00 minutes and could go home. The dog has a medical history of pelipsy (pince years) and was succording to the vet well-adjusted since 3 months (no more sessures) with Pexion and Luminaletten. During the night of 04 to 05 Jul the dog showed 3 epileptic seizures, which were treated by the owners with Diazepan rectal tubes. On 05 Jul presented to the vet and dosage of Luminaletten increased. The following day; the dog showed several sectures. Since approx 111 in on more sextures were seen. The et suspects Nobbac L 16 to be responsible for these reactions, because the dog had previously already secreted the other vaccines without profits. Between I and a 2015 the vet assem is total 4 certain the Control of Control of the Control of Control o	Other Canine/dog		Nobina L 1- 1.11/A.N/A, 24,0nce (04/07/2016-04/07/2016-04/07/2016-08-Nobinac SHPP-1.1N/A.N/A.24,0nce (04/07/2016-04-08-Nobinac T-1.31/A.N/A.24,0nce (04/07/2016-04/07	B - Possible	
NOBIVAC LA DEU-MERCIMISO-2016-DE-01267		Canine/dog 15 Month(s)			shoc	mbrane,Anaphylactic ck,Allergic reaction	Suspected adverse reaction. On 28 Jun 15 a dog was vaccinated with Nobiuse SHPP and Nobiuse L Approx 30 seconds better the dog showed an allergic shock, with white mucous membrane. The vet immediately applied Cortisone intra-mucolarly. Within approx 20 minutes the dog had recovered. The vet suspects Nobius L 16 be responsible for these reactions level's assessment N, because the dog and previously already received the other vaccines multiple times without problems (set's assessment N), Bectureen I und all 2016 five the Share seein I total 4 dog [and 10 them small breedly with similar reactions (see Initied cases 2016-0-01266, 2016-0-01268, 2016-0-01270). Case closed. [Reason for user for product: Log STOIL 5 (CTLO, ALGREP PART N) BE Branch NOBINAL to SYLDS 5-50 Reason: Vaccination Generic: CHPPOIL V Brand: NOBINAL SHPPI 50XIDS 6-30 Reason: Vaccination]	Shih Tzu	Known	(28/06/2016- 28/06/2016)-BR>>BR>Nobivac SHPPI- 1N/A/N/A 24,once (28/06/2016-28/06/2016)-BR>BR>	B - Possible	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-01268	8 Germany Animal	Canine/dog Not Known	01/07/2016 18/07/201	1 1 0 01/07/2016	Yes, <b pant<br="">R>BR>Yes ory o		Suspected adverse reaction. Approx in Jun / Jul 16 a long luminown small breed) was vaccinated with hobboxic SHPP and hobboxic 14. Approx 15 or Smin later the dog jut jown, showed massue, was partially and had directatory problems. The vet immediately applied Cortisone. Thereafter, the dog recovered and could go home. The vet suspects Noblew Let to be responsible for these reactions (vet's assessment A), not the other vaccines (vet's assessment N). Between Jun and Jul 2016 the vet has seen seen seen and Long Long Long Long Long Long Long Long	Other Canine/dog		Nobivac L4 - 1,N/A,N/A, 24,once (01/07/2016- 01/07/2016-)BR> Nobivac SHPPI - 1,N/A,N/A, 24,once (01/07/2016-01/07/2016) 	B - Possible	

NOBIVAC L4	DEU-MERCKMSO-2016-DE-01271	Germany	Animal	Canine/dog	6 Month(s)	24/06/2016	18/07/2016	1	1 0	24/06/2016	Not Known, <br≻≺br ×≺BR>≺BR> Yes</br≻≺br 	Anaphylacic shock_Unfasion_Hyperialaemia,Unr esponsive to stimul_Thrombocytopenia_Shock_Pa le mucous membrane_Circulatory collapse (see also Neurological' and 'Systemic disorders')	No Data	As reported by the attending vet, a 6 months old, make intact Howawart was administered EURICAN SIPPE/ (Jacht L-18237) and Noblex Ld Similhaneousk, Fict a minute after the administration, the dog fell down (coded "collapse"), showed pale mucous membranes and shock symptoms. The dog wit treated immediately with infusion and the status immproved after 10-15 minutes, after further 20 55 minutes, the dog recovered completely. The dog was administrated the same combination of products before without any reaction. [Reason for use for product: Genefic EURICAN SHPD2 Stand: EURICAN SHPD2. Reason: Unknown. Genefic: Brand. Noblwac L4 Reason: Unknown.] [State of health: Unknown] ShPD2. The status of the status immproved by some day was vesticated with Noblack. L4 and non-compara- Eurican SHPD2 concurrently, Prior to succination the dog was thoroughly examined and was clinically without findings. Approx 10 minutes post vaccination the dog was thoroughly examined and was clinically without findings. Approx 10 minutes post vaccination the dog has a circulatory collapse, was not responsive and writted undermeath himself. These reactions were also described as anaphylactic shock. The dog was treated with intravenous dip finitions by the vet and was to pugit to a vet clinic if writtened with minutes for Ldgs, the Lord size of the vet and was to pugit to a vet clinic if control of the control of the state of the control of the c	or e-	20	Eurican SHPP2 - 1N/AN/A, 24.1 Dose Not applicable 1 Animal (24/06/2016- 24/06/2016-68R-KBR-Noblvac L4- 1.N/AN/A, 24.1 Dose Unknown 1 Animal (24/06/2016-24/06/2016-24/06/2016-24/06/2016-8R-KBR-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01276	Germany	Animal	Canine/dog	2 Year(s)	04/07/2016	18/07/2016	1	1 0	04/07/2016	NO, <b R> NO, NO</b 	Facial swelling (see also 'Skin'),Allergic reaction,Swollen limb	Other	SAR: On OA Jul 2016 a dog (male French Buildog) was vaccinated with Noblaxe 5HPP, Noblaxe 1.4 and Noblaxe 1.7 all the wave curcins together in one syringe, EUL: Smuthaneous use). Approx within 30 minutes after the vaccination, severe allergic adverse reactions occurred in the practice, including welling of the head and of the legs. Therapy, Predisolone, Desamethasone and fensitil orintment. Thereafter, improvement occurred. Dog recovered within 12 hours. The vet's assessment is 0 unclassified: case closed Note: This case is linked to two similar cases reported by the same vet, reaction in a female French Buildog (2016-06-02/73) and in a Beover trotshire Terrier (2016-06-02/73). (Reason World 1.4 and 1	French Bulldo	g 12	Nobivac 14 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (04/07/2016)-8R>-SBR>Nobivac SHPP1 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (04/07/2016- 04/07/2016)-8RP-SBR>Nobivac T - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (04/07/2016- 04/07/2016-8R>-SBR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01278	Germany	Animal	Canine/dog	2 Year(s)	15/07/2016	18/07/2016	1	1 0	15/07/2016		Facial swelling (see also 'Skin'),Nettle rash (see also 'Skin'),Dyspnoea,Allergic reaction,Swollen limb	Other	SAR: On 15 Jul 2016 a dog (female French Bullod) was vaccinated with Nobive SIPPI, Nobive L1 an Nobive L1 an Nobive L1 an Nobive L1 an Nobive L1 and L1 and July L1 and L1	ne	g 12	Nobivac 14 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (15/07/2016)-BR>~BR>Nobivac SHPP- 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (15/07/2016- 15/07/2016)-BR>~BR>Nobivac T - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (15/07/2016- 1 Animal (15/07/2016- 15/07/2016)-BR>~BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01281	Germany	Animal	Canine/dog	4 Month(s)	27/06/2016	18/07/2016	1	1 0	27/06/2016	Yes, Yes, 4BR>ER>Yes, 4BR>ER>KER>Yes, 4BR>ER>Yes	Facial swelling (see also 'Skin'), Trembling, Lethargy (see also Central nervous system depression in 'Neurological'), Allergic reaction, Local swelling (not application site), Swollen limb	No Data	SAR: 0.17 Jun 2014 a dag (Beaver Forshire Terrier) was vaccinated with Nobiac SHPF1 and Nobiac Left (mixed syrings) and Nobiacs (Legarstel), Approx within 30 minutes after the vaccination, sever allergic adverse reactions occurred in the practice, including swelling of the head and of the legs. The dogs was very lethange, the flees were woulden and the dog was termbling. Therapy: Predincisone and Deamethasone. The dog was brought to an emergency practice. Thereafter improvement occurred. few days later, owners: alled and reported that the dog is oldy (inknown size when exactly, record attention and the state of the	Terrier A ry s in	3.5	Nobinc L4 - 1.N/A,V/A, 24,1 Dose Not applicable 1 Animal (27/06/2016- 27/06/2016-BP-BB-Nobinc SPIP- 1.N/A,V/A, 24,1 Dose Not applicable 1 Animal (27/06/2016- 27/06/2016-BB-Nobinc 1 - 1. 1.N/A,V/A, 24,1 Dose Not applicable 1.Animal (27/06/2016-BP-SB-Nobinc 1 - 1. 1.Animal (27/06/2016-BP-SB-Nobinc 1 - 1. 1.Animal (27/06/2016-BP-SB-Nobinc 1 - 1. 1.Animal (27/06/2016-BP-SB-Nobinc 1 - 1. 1.Animal (27/06/2016-BP-SB-Nobinc 1 - 1.	B - Possible	
	DEU-MERCKMSD-2016-DE-01282	Germany	Animal		22 Month(s)		18/07/2016	1	1		Yes, <b R> Yes</b 	Circulatory collapse (see also "Neurological" and "systemic disorders", Diarrimoea, Unable to rise, Ermesis (multiple)	No Data	Suspected adverse reaction: On 14 Jul 16 a dog (Coton de Tulear) was vaccinated with Noblace SHPPI and Noblace 14 simultaneously. Approx 15 minutes post vaccination the dog showed voimting and diarrhea in big amounts, and circulatory collapse. / was unable to rise. The dog was treated with intravenous drip infusion (full electrolyte solution) and recovered within half an hour. Also on the nex day the owners reported that the dog was doing file and had shown no more reactions. Note: Basic immunization (2 vaccinations) one year ago with the same products had been tolerated well. Case closed. (Reason for use for product: Generic: OPEPI U Reinart. NoBINAC-SHPS 950015 520 Reason Vaccination Generic: LEFTO*4(FT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC-SHPS 95015 520 Reason: Vaccination Generic: LEFTO*4(FT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC-SHP of health Cool Vaccination (1 State of health: Cool)	Tuléar t n:		Nobivac L4 - 1,N/A,N/A,24,once (14/07/2016- 14/07/2016-BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (14/07/2016-14/07/2016)-BR>>BR>	B - Possible	
	DEU-MERCKMSD-2016-DE-01295		Animal	Canine/dog		19/07/2016		1	1 0		R×BR> Yes, BR> Yes	Anaphylactic-type reaction, Breathing difficulty, Pruntus, Elevated temperature, Facial oedema		Sispected adverse reaction: One dog was vaccinated with Noblava SHPIP, Noblava L4 simultaneously and Noblava T concurrently by the reporting vet on 19 Jul 16 around 11 a.m. Agono 21 hrs later around 23 µm. the dog showed an anaphylactic like reaction with facial edema, pruntize, elevated temperature with 397-degree and breathing difficulties. Vet therapy with Contison injection was performed. The dog stayed over night for observation, around midnight most symptoms had subsided and in the morning of 20 Jul 16 the dog was fine again. Case dosed. [Reason for use for product: Generic: DIPPI LV Brand: NOBINAC SHPPI SODIOS 620 Reason: Routine vaccination Generic: EEPTO*4[CT.CANGERP BART] XB STAN CROBINAC SHPPI SODIOS 620 Reason: Routine vaccination Generic: RABIES IN ALU ADILIVANT EV Brand: NOBINAC ST SOXIDS 620 Reason: Routine vaccination (State of Peablt No. Lau Goldvake)			Nobivac L4 - 1,N/A,N/A, 24,once (19/07/2016-19/07/2016-9R>>BR>Nobivac SHPPI - 1,N/A,N/A, 24,once (19/07/2016-9R>>BR>Nobivac T - 1,N/A,N/A, 24,once (19/07/2016-9R>>BR>>BR>Nobivac T - 1,N/A,N/A, 24,once (19/07/2016-9R>>BR>>BR>>BR>>BR>>BR>>BR>>BR>>BR>>BR>>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01299	Germany	Animal	Canine/dog	3 Month(s)	12/07/2016	20/07/2016	1	1 1	12/07/2016	Yes, <6 R><6R><6R>Yes		No Data	SAR: On 12 vil 2016 at 11:50 AM at 12-week-olf-puppy was vaccinated with Nobbuck SHPP and Nobiu Ld simultaneously, on the same day in the evening (approx PMI), when the owners took the puppy of for a walk, it suddenly fell over on his nose, screamed and had a convolide seature, which continued until on the way to the vet) the dog died. In the practice the puppy was already dead. The owners refused a postmortem examination. Note: The puppy had already shown two episodes of similar convolutions estimate within approx 1 to 2 weeks prior to vaccination, but these had been much shorter (a few seconds) and the dog had quickly recovered afterwards. Therefore, the owners had not presented the dog to a vet for calification or therapy. The vet's assessment is O unclassified; he docent exclude a hereditary / congenital disorder. It was then only puppy of the fitter, on later mater. Case closed. Note: This case is inked to periodic case 2016-06-0300 (cluster of reports from same reporter). [Reason for use for product; Generic: HPPI VI Brain: AlogNUAC SEPPI SOLIDS 500 Reason: Vaccination Generic: LEPTO*4(CT_CAN_GRIP*BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination Citate of health; Good!		3.72	Nobinat L4 - 1.N/N,N/A 24.1 Dose Not applicable 1.000 not policable 10.000 not policable 1.000 not policable 1.2/07/2016-12/07/2016-8R-«BR-Nobinat SPPP - 1.N/AN/A 2.4.1 Dose Not applicable 1 Animal (12/07/2016-12/07/2016-8R-«BR-	O - Unclassifiable/unassessa ble	

NOBIVAC L4 DEU-MERCKMSD-2016-DE-013X		Animal		1.4 Year(s)	12/01/2016	22/07/2016	1 1		/2016 Yes, R>-SR>-SR>-Yes, -SR>-SR>-Yes, -SR>-SR>-SR>-Yes, -SR>-SR>-Yes,	 NOS/Weakness, Fever, NOT eating_Frianged /mph node (localised], Tirombocytopenia, J.ym hadenitis, Arthritis, Pustules 	No Data	Suspected adverse reaction: A dog (Longhair Whippet) was vaccinated with Nobivac SHPP and Nobiva L4 simultaneously and Nobivac T concurrently on 12 an 16. Approx on 23 / 24 lan 16, the dog was weakened, didn't eat anythig, had 40.17. Evenperature, thombotyopenia, losions and pstudies in thi mouth. Many examinations were performed, but all without special findings. The knee was punctured and sterile-puncled arthritis was noted. Are dw ays later, sterile-puncled in punchedinis was diagnosed, especially the mandibular and retropharyngeal lymph nodes were strongly enlarged (size of a ago! / transis ball), the intestinal lymph nodes were also torregly enlarged. The dog received therapy with high-doused cortisone which led to improvement and is currently reduced gradually. The symptom were considered as auto-immune disease. The described symptoms have disappeared, so in regard to this reaction, the dog is considered as recovered. However, it is currently suffering from the following symptoms which the vectoosiders as side-effects of cortisone lurelated to the vaccination; cast doesn't grow back, central obesity, no drinking, no urination. Otherwise the dog is obay. Case closed. Reason for use for product: Generic OPPIPI U Stransit. NoBIVAC L959/SIXISOS 200 Reason: Vaccination Generic: LEPTO*4 (TFC,AM,GRIPP,BRAT) kB Brand: NOBIVAC L950XISOS 500 Reason: Vaccination Generic: RABESTS NLAU ADJULYNT kV Brand: NOBIVAC T 50XIDOS 520 Reason: Vaccination [State of health: Good]	e : :	9	Nobivac L4 - 1.N/AN/A 24 once (12/01/2016- 12/01/2016-9R-VBR-Nobivac SHPR-1.N/AN/A 24 once (12/01/2016-12/01/2016-12/01/2016-12/01/2016-18R-Nobivac T - 1.N/AN/A 24 once (12/01/2016-12/01/2016-12/01/2016-18R-VBR-Nobivac T	O - Unclassifiable/unassessa ble	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-0132			Canine/dog		20/07/2016	25/07/2016	1 1		/2016 Yes, R>BR>BR>YE CBR>EBR>CBR>YES	s, system depression in < 'Neurological'), Fever, General illnes	No Data	Suspected adverse reaction: One dog (Pkg-Mol) was vaccinated on 20 Jul 16 with Nobivac SHPP and Nobivac LS similationeously and Nobivac To concurrently, Relatively quickly after the vaccination, the dog was not doing well, he developed high fever and lethargy. Vet treatment with antiblosis and Novalgin was applied. On 35 Jul 16, the temperature was at 39 9°. The vet will contact us in case of relevant changes (worsening), otherwise case closed. [Reason for use for product: Generic: DHPPI L'Branch NOBIVAC SHPPI 30/LIDS 620 Reason: Vaccination Generic: RIBELST NA LUJ ADJUVANT KV Brand: NOBIVAC TS SOXIDS 620 Reason: Vaccination (Senter: RIBELST NA LUJ ADJUVANT KV Brand: NOBIVAC TS SOXIDS 620 Reason: Vaccination (Senter: RIBELST NA LUJ ADJUVANT KV Brand: NOBIVAC TS SOXIDS 620 Reason: Vaccination) [State of health: Good]	Crossbred V		Nobivac L4 - 1,N/A,N/A, 24,once (20/07/2016-8R>-NBR>Nobivac SHPPI - 1,N/A,N/A, 24,once (20/07/2016-8R>-NBR>Nobivac T - 1,N/A,N/A, 24,once (20/07/2016-8R>-NBR>Nobivac T - 1,N/A,N/A, 24,once (20/07/2016-20/07/2016)-8R>-NBR>	B - Possible	
NOBIVAC L4 DEU-MERCIMISD-2036-DE-0136	4 Germany	Animal C	Canine/dog	15 Month(s)	12/06/2015	27/07/2016	1 1	1 21/07	(2016 Yes,-GR>-CR- R>-GR>-GR>-GR- GRGR>-GR- BRGR-SR- BRGR-SP- S-GRGRGR- Known	B Death,Lack of efficacy R	No Data	Suspected bits of expected efficacy: A dog was vaccinated with Noblox-SHPP and Noblox L1 simultaneously on 12 and 13 and 03 75 and 15 with Noblox -1, Again vaccinated with Noblox-SHPP and Noblox L4 simultaneously and Noblox L6 simultaneously and Noblox C1 concurrently on 16 Jul 15 by the reporting vet. On 13 Jul 16, the dog was vaccinated with Versican and L4 RDHPP (non company vaccine). On 21 Jul 16, at the age of approx 15 months, the dog fell lill, he was vessl, tired and had yellow mucosae. Blood test revealed delevated liver and kidney values. Blood and urine were tested as a specialized lab positive for Leptosprosis (PCR). Therapy performed: Infusions and antibiosis (high-dosed amoxicilla + clauvianic add), in the morning of 25 Jul 16, the dog died. The vet considers the as lack of efficacy of Noblox L6 (in protection against leptosprise despte vaccination), Ver's level of suspicion is A probable. No further examination have been instituted 27 are possible. Lace closued. (Reason for use for product under examination have been instituted. Para possible. Lace closued. (Reason for use for product L7 per 10 L7 Branch VSC MORNAC SHPP) SOLDS 500 Reason: Vaccination Generic: Branch VACCIA Branch VSC AGRADIS (State of health). Stand Closury Vaccination Generic: Branch VACCIA Branch VSC AGRADIS (State of health).	German Shepherd Dog	35	Nobiwa C 4 - 1.N/A/M, A 24.wice (4 Meek(s) 12/06/2015-06/07-07-06/07-07-06/07-07-06/07-07-07-07-07-07-07-07-07-07-07-07-07-0	N - Unlikely	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-0136	6 Germany	Animal (Canine/dog	Not Known	01/01/2016	27/07/2016	1 1	0 01/01	/2016 Not Known, BR>B >BR>CBR>CBR Not Known, BR >CBR>CBR Not Known	Pustules,Facial oedema,Allergic R reaction,Face and neck swelling (see also 'Skin') R S	Not Known	Supercited adverse reactions while reporting another case (2016-DE-01385) the vet mentioned that is had another case of a small beed dop who was vaccinated with Noblous SEPPs and Noblous C. I simultaneously and Noblous C. To concurrently (unknown when searcht, 2016 for entry reasons chosen). The dop reacted after vaccination (easiet time to onest unknown) with an allergic reaction including head weelling and wheals on the body. No more information concerning treatment and time of outcome available. Case closed. [Readon for use for product Generic-DIPP1] Variant: NOBIVAC SEPPS 900.015 5:20 Reason: Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRAT] XB Brand: NOBIVAC LE SONDES-50 Reason: Vaccination Generic: RABIES IN AUX JUDI/VANT KV Brand: NOBIVAC SONDES-60.	e Other Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,once (01/01/2016- (01/01/2016-)GRR-SBR>Nobivac SHPPI - 1,N/A,N/A, 24,once (01/01/2016-)GRR-SBR>Nobivac T - 1,N/A,N/A, 24,once (01/01/2016-)GRR>-SBR>-SBR>Obivac T - 1,N/A,N/A, 24,once (01/01/2016-)GRR>-SBR>-SBR>-SBR>-SBR>-SBR>-SBR>-SBR>-S	B - Possible	
NOBIVAC L4 DEU-MERCHASD 2016-DE-0138	B Germany	(Canine/dog	5 - 6 Year(s)	01/03/2016	03/08/2016	3 3	0 01/05	2015 NOT (COUNT) (COUN	> Head bremor, Breathlessness, Injection til the abscess, Injection as the section, Assisted as the Assistance or Lordon and Lordon as ONGS, Restlessness, Vocalisation, Abd ominal on Community of the pain, Diarrhoe, Vontiling, Retching, and Injection, and on the own of the section of section	Not s Known	Supercial Adverse Reaction: On 09 Jun 2015 the concerned dog (Breton-Mar, Xlara' originally from Cyprus, comes from an animal shelter and is in Germany incr. Age? 2015) was presented or the first time in the vet practice. The general health condition was inconspicuous. A health-check / Dood test 75 coultem Spain' (mediterranean diseases) was initiated. This test, performed in the middle of June 2015, revealed a positive result for Hepatozonon canis DNA. Several weeks passed and the dog had multiple times pain: and convolkes attacks, up to a strong pasthic behavior shown at home, often fewer, suffered from lethangy, the torso- and neck muculature was stiff, the musculature was in reperral rather poor, in the area of the lost the dog was very exentive to touch and pain. In total represent a result on the visited three times at emergency times within approx 4.7 is weeks. Within these and the visited three times at emergency times within approx 4.7 is weeks. Within these and the visited three times at emergency times within approx 4.7 is weeks. Within these and subsequent general weakness, elevated temperatures and strongly reddened skin at the inner ears and at subsequent general weakness, elevated temperatures and strongly reddened skin at the inner ears and at subsequent general weakness, elevated temperatures and strongly reddened skin at the inner ears and at the help (a) was stign was suspected as asset), therapy with Doxycyclin. After a loss of conceivations and a subsequent general weakness, elevated temperatures and strongly reddened skin at the inner ears and at the help (a) was stign was suspected for the owners, Carebas indirected with international planmary, probably French product, therefore coded as such, therapy with Doxycyclin. After a loss of doxy after start of Doxycyclin. After also as handed out for injection to the owner who reported that the injected liquid must have Patumed? under the dog's skin and asked the vet to admiristed the second original plant of the downers. Carebas handed out for	Other Canine/dog	16	BRAYETT SODMG INTTAB EU1 1.N/A/N/A, 24.3 t. tabele (ever) amonths) (06/10/2015- 10/40/2016-BRD-CARBEST) ARBESTA 1X10ML 300 - N/A.N/A.N/A 1X10ML 300 - N/A.N/A.N/A.N/A 1X10ML 300 - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	N - Lutilikely	
NOBIVAC L4 DEU-MERCKMSD-2016-DE-0138	9 Germany	Animal	Canine/dog	4 Month(s)	21/06/2016	30/08/2016	1 1	0 24/06	Yes	vectories, includes seriously to Memigris, Falley, Bruties, Feer, Falley, atthy, Collapse of leg Neuropathy NOS	No Data	Suspection alsevies eactions. One only was successed with Nobioback 1-by the negating washing Suspected alsevies eactions. One only was successed with Nobioback 1-by the negating well on approx 21 Jun 16. A few days later the dog returned to the practice with putrulae on the lower addiment. Vet was a compared to the compared of the practice with putrulae on the lower addiment. Vet and a fit the was been associated as the compared of the c	5	13	Nobivac L4 - 1.N/A,N/A, 24,once (21/06/2016-21/06/2016)-BRGR	O - Unclassifiable/unassessa ble	

NOBIVAC L4			Germany	Animal	Canine/dog	8 Year(s)	01/08/2016	04/08/2016	1 1	0 02	2/08/2016	Yes, <br R> >CBR>Yes, >CBR> BR> >CBR></br 	Equilibrium disorder,Impaired proprioception,Abnormal pupil light reflex,Hind limb ataxia	No Data	Suspected adverse reaction: One day was vaccinated with Nobinuc SHPP and Nobinuc L4 Inimitaneously and Nobinuc T concurrently on OL Ng 16. Since need ay after vaccination the dog has a lift was slightly funds. The propriete positioning reflect is minimally delayed, the pullarly reflect is abnormal as the pull of the result is a long and the similarity of the pullarly reflect is abnormal as the pull of the result is increased reflected in similarity delayed, the pullarly reflect is abnormal as the pullar year. The pullar reflect is abnormal as the pullar reflection of the pullar reflection of the pullar reflection of the pullar reflection that
	DEU-MERCKMSD-2016		Germany	Animal	Canine/dog	11 Week(s)		08/08/2016	1 1		1	R> Yes, <pre> </pre> <pre>BR></pre> <pre> </pre>	Diarrhoes, Fever Jncreased lung sounds	No Data	Suspected adverse reaction: One puppy was vaccinated with Nobivac SPMP and Nobivac L4 Minimalizeneously and Nobivac Toncurrently on 201 at 16 by the reporting vet. 2 to 2 days after accination the dog thowed slight diarrhes. During the night from 22rd to 24th bit 16 the dog was rescribed to a vet emergency unit with high goad feere (react, value unknown) and storage diarrhes. If the dog was treated with symptomatic medication and was presented to the reporting vet practice on 20/07/2016-88-88-Nobbwac T- 10/07/2016-88-88-Nobbwac T- 20/07/2016-88-88-Nobbwac T- 10/07/2016-88-88-Nobbwac T- 10/07/2016-88-88-Nobbwa
NOBIVAC L4	DEU-MERCKMSD-2016		Germany	Human	Human	Not Known	01/08/2016	11/08/2016	1 1	0 01	1/08/2016	Not Known,
 >CBR Not Known</br 	Skin lesion NOS,Uncoded sign	Not Known	Product Cuality Complaint / Human exposure symptomstic: During the mixing of Nobivac SHPP and Mobivac Lit she bottom of 4 vals cracked. At the first occurrence, the vet (woman) hum herself at the linger (there was some blood, but otherwise nothing severe). While handling the other vials is the was nor careful, however the event recurrence. No samples available. Note: it is unknown when the nicidents happened, for the case entry, approx aug 2015 was chosen. [Reason for use for product: nemicric DHP] IV [ARR] PRIANT NOBIVAC SHP SOUTIOS 500 Reseaux. Accidental Exposure] State of health: Videoword! State of health: Videoword!
NOBIVAC L4			Germany	Animal	Canine/dog	8 Week(s)	30/11/2015	10/08/2016	7 1		0/12/2015	Not Known,
 Not Known</br 	Lack of efficacy, Fever, Vomiting	Not Known	Suspected Lack of Expected Efficacy / Suppected Adverse Recition: This case was reported by a Mastrallam Work medieved with os Lorenthy in a law process concerning a pappy which is supposed to have fallent ill with separation of such is supposed to have fallent ill with separation of the work fallent ill with 10 to 2013 and was varietable together with its 6 sibling on a DN vo 2015, at his age of 48 days, with 10 to 2013 and the varietable fall of 2013 and ELSA-test (BIP Pano-Lest) was performed and was possible. No further test results were received. On 07 Dec 2015, the pappy went to its new home. Until now the dops has after contract with foreign degree. On 10 Dec 2015, and 10 Dec 2015, the pappy showed symptoms like vomiting and fever. Outcome: unknown. Case closed. Note: the breeder didn't report the case as PV-case (BHET SEE TO SAR), but only saked for information on the vaccine, its efficacy, etc. Therefore both product types; ELEET and SAR) are chosen and evaluated. [Reason for use for souther. Center Company of the Pappy of the Pappy of the Pappy is the pappy of the Pappy
	DEU-MERCKMSD-2016		Germany	Animal	Canine/dog	2 Year(s)	01/03/2016	10/08/2016	1 1		3/08/2016	Yes	Death, Lack of efficacy	No Data	Suspected Lake of Expected Efficacy: A dog (Lakrador) was vaccinated correctly and regularly with Lakrador Nohive Lea Japprox in Mark 2018 for the frouth time; It had received the first vaccination with Nohivac L4 afform Another viet at the age of 8 weeks, and then the vaccinations with 12 weeks, 15 weeks of the vert was critical to by the reporting viet. It was presented approx on 0.5 Aug 2018 to the vert with gastor-enterinis and according to the owners; it had vomitted for 2 days before, Blood was taken and acute underly failure was diagnosed. In the urine (PCR), leptospriosis was diagnosed. The dog ded use to the acute identify failure vac and sognosed. The dog ded use to the acute identify failure vac and sognosed. The dog ded use to the acute identify failure vac and some of each unknown. It case closed. Reason for use for souther of the part of the pa
NOBIVAC L4	DEU-MERCKMSD-2016	i-DE-01499	Germany	Animal	Canine/dog	Not Known	16/08/2016	17/08/2016	2 2	0 16	5/08/2016	Yes, BR>Yes, 	Facial oedema	No Data	SAR-On 16 Aug 2016 two dosp (Breed: Chikuahua) of one owner were vaccinated with Noblous C18PPI (Inhuahua) and Noblous Let 3-milliamenously and Noblous C1 Concurrently. Notherly after (east time to onset unknown, but same day) both holps showed an allergic facial edems and were treated with Cortisone wide before the reaction abated. Note: One of the dosp had already reacted to the previous accination (see linked case 2016-06-01501), therefore had already reacted to the previous prohibition of the problem of the
	DEU-MERCKMSO-2016		Germany	Animal	Canine/dog	Not Known	01/08/2015	17/08/2016	1 1		1	Yes, R>>BR>>BR>Yes, >BR> 	Facial oedema	No Data	SAR. While reporting a current case (see lined case 2016-0F-01499) with a similar reaction in two Doubles, the vert reported that one of the dogs that already reactive with allegic facial orderens to the Most applicable 1 and an advantage of the properties of the
NOBIVAC L4	DEU-MERCKMSD-2016	-DE-01502	Germany	Animal	Canine/dog	Not Known	17/05/2016	17/08/2016	780 13	0 17	7/05/2016	Yes, <br< br=""> RA>BR> >BR> >BR> </br<>	Injection atte swelling Facial oederna	No Data	Ass. While regorting a current case with similar reactions in two dogs (like linked cases 2016-05-01-089) and 2016-05-01-050), the vet reported that in the last 2-3 months there have been severed cases of allergic reactions good vaccination in the vet practice. The 4-vets of the practice vaccinate approx 10 dogs per day in total (ske days a week), which adds up to in total paperox 360 dogs in morteds (13 dogs per day) in total (ske days a week), which adds up to in total paperox 360 dogs in morteds (13 dogs). Vaccination was performed with Noblave 1549 man (Noblave L4 simultaneously and with Noblavic and refor Noblave. Biblic concurrently. Shortly after the vaccination(exact time to onest uninoon, but same day) the effected dogs showed swelling at the injection is flerted dogs showed swelling at the injection is (like vaccination). The product of the company of the vaccination of the

NOBIVAC L4	DEU-MERCKMSD-2016-DE-G	1523 Germ	nany Ar	imal	Canine/dog	2.5 Year(s)	15/06/2016	22/08/2016	1 1	0 20	0/06/2016	Yes, < R>>BR> Yes	Injected sciera, Billiodness, Partial billiodness, Optic nerve disorder, Enlarged pupils, Abnormal pupil light reflex	No Data	SAR: On 15 Jun 2016 a day was vaccinated with Noblack SHPPI and Noblack 1. On 20 Jun 2016 it was removed with redefining of sclera (both veels, both publis lights print announts, reflere negative/delayed (N. Opticus, N. pupillary direct and indirect), day was forwarded to a vet clinic, blindness was diagnosed. Change in fundic (unclear in Evaduate) Blood tests not remarkable, good agencal health. Texament with Prediscolone was started. From a differential diagnosis, On 24 Jun improvement diagnosed on the clinic, On 03 Jun 2016 presented to clinic again, good eyesight with the left eye, right yes still bindif Fundis on both sides without exessiblest. Treatment excommended: Prediscolone reduced dosage, Omegrazol. Animal Natory. The dag was also under treatment with wellowing the year of complexity of the And 2016 with suspicion of traums or a rallery. Vest assessment is "N". Case closed, (Beason for use for product: Generic: DIPPP LIV Branch. NOBINAC SHOPS 2016 SERSON Vaccination of Information of Complexity of the Service of Complexity of the Se
	DEU-MERCKMSD-2016-DE-G		many Ar	imal	Canine/dog	15 Month(s)	20/07/2016	24/08/2016	1 1	0 03		Yes, <b R> Yes</b 		No Data	SAR: On 20 Jul 2016 a dag (Goldendoodle, 15 months old, m, entirely was succinated with Nobinac Service (1997) (Bootser) and Nobinac L4 (Jink't vaccination). On 3 Aug 2016 the dag showed a generalized replieptic fit. On 18 Aug 2016 it showed a generalized selection fit at a possible that the dag is predisposed with indipartitic epilepty. No further diagnostic performed so far. [Reason for use for product: Generic: CHIPPT US Plant's (NOBINAC L4 SOXIDS 540 Reason: Vaccination Generic: LEFTO*4(ICT,CAM,CRIPP_BRAT) KB Brand: NOBINAC L4 SOXIDS 540 Reason: Vaccination Generic: LEFTO*4(ICT,CAM,CRIPP_BRAT) KB Brand: NOBINAC L4 SOXIDS 540 Reason:
NOBIVAC L4	DEU-MERCKMSD-2016-DE-C	1541 Germ	many Ar	imal	Canine/dog	3 Year(s)	16/08/2016	24/08/2016	1 1	0 19	9/08/2016	Yes, >BR>>B R>>BR>>BR>Yes	Miosis, Eye redness, Corneal oedema, "Liveitis	No Data	SAR: On 16 Aug 2016 a 3-year-old boxer was vaccinated with Noblwac 184 for the Boxer (Ifs time. Pervious oxecinations had been performed with nor-company vaccine; light is 1982 2015. [German with Virbac-SPPICT]. On 19 Aug 2016 the dog was presented to the vet with blateral comeal oedems, blooks, and reddened vey vessels. Biographic Strukting or the performance of the vessels because the vessels of the vessels with such as transferred into a specialized eye vessel. Biographic variety or the vessels of the vessel
NOBIVAC L4	DEU-MERCKMSD-2016-DE-6	1554 Germ	nany Ar	imal	Canine/dog	9 Week(s)	24/07/2016	25/08/2016	3 1	0 0:	1/08/2016	Yes, Yes	Lack of efficacy	No Data	SIEC: On 24 Isi 2015 a vet vaccinated three 8 weeks old puppies (Boxer Mall, with Nobbacs 1987 plus on Nobbac 14 (In Consuper product) according to SPC. The animals breeder had a lot of various puppies (Bornam Mall, 24/07/2016) and vaccine product) according to SPC. The animals breeder had a lot of various puppies (Bornam Mall, 24/07/2016) and vaccine set of the set of th
NOBIVAC L4	DEU-MERCKMSD-2016-DE-0	1579 Germ	many Ar	imal	Canine/dog	Not Known	01/01/2014	30/08/2016	2 2	0 0:	1/01/2014	Not Known	Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	SAR. A vet heard by her customer (poodle breeder + alternative practitioner), that her poodles Sandard (unknown number of animals, 2 chosen for case entry) showed servisors SAR after vectorisation with Poodle Noblex Ld. They had been very floopy, one bitch did not recover for 2 years. The vet refused to notify the case, no further details available. Case closed. [Reason for use for product: use for product: LEPTO*4](CT_CAM_GRIPP_BRAT) KB Brand: NOBIVAC.Ld 10X1DS 540 Reason: Vaccination] [State of health: Unknown]
NOBIVAC L4	DEU-MERCKMSD-2016-DE-G	1643 Germ	nany Ar	imal	Canine/dog	10 Year(s)	03/08/2016	24/11/2017	1 1	0 1	7/08/2016	R> Yes,	NOS,Behavioural disorder	No Data	Sisapected adverse reaction: One dog (Podenco Mis) was vaccinated with Noblave L4 and Noblave P Not Applicable (3)(38)(2015) (3)(38)(201
NOBIVAC L4	DEU-MERCKMSD-2016-DE-0	1742 Germ	many Ar	imal	Canine/dog	6 Month(s)	04/07/2016	27/09/2016	1 1	0 04	4/07/2016	Yes, <b R×BR> Yes</b 	Scrotal disorder NOS, Allergic reaction, Allergic skin reaction, Swollen face (see also 'Skin')	No Data	Suspected adverse reaction: On 01 Jul 16 a dog was vaccinated with Noblava SHPPI and Noblava CL4 Australian (Includes IT blass or obstore vaccination) and uniformatise the object and an altergia reaction with strong wowlen face, altergic skin reaction on belty and inner hind legs and swollen prepare, but no to there swere symptoms, therefore the dogs was treated homospositive and recovered and was released home the same day. Case closed. [Reason for use for product. Generic: DHPPI LV Brand: NOBIN/SAC 14 SOXIDS 540 Reason: Vaccination Generic: EPRO*4[ICT,CAN_GRIPP_BRAT] XB Brand: NOBIN/SAC 15 SOXIDS 540 Reason: Vaccination Generic: EPRO*4[ICT,CAN_GRIPP_BRAT] XB Brand: NOBIN/SAC 15 SOXIDS 540 Reason: Vaccination of Environment Capture of the size
NOBIVAC L4	DEU-MERCKMSD-2016-DE-4	Germ	Arr	imal	Canine/dog	3 Year(s)	01/09/2016	17/11/2016	1 1	0 0:	1/09/2016	Not MonowingRix-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	Injection site abscess,injection site swelling.Tiredness, General illness	Not	Suspected Alverse Reaction: A dog (pug, approx. 3-4 years old) showed a vaccination metation to the Pag and the vaccination with showler. Pland holbiac 1- and holbiac 1- in the day after the vaccination, it showler. Pland holbiac 1- and holbiac 1- in the day after the vaccination, it showler. Pland holbiac 1- in the day flare the vaccination, it showler been vaccinated in 2015 with a company vaccine (impecified which). Despite several attempts, no further information outle be retrieved. Less clouds. Note: a the welling was described as local, it was assumed that it occurred at the highciton site of one or more vaccines, so "impection site swelling" was chosen as vacChook-code (it is unknown if the vaccines were given separately hunch vaccines were mixed). The described has been described in the vaccination of the vaccination of the wind the vaccination of

NOBIVAC L4	DEU-MERCKMSD-2016-DE-01758	Germany	Animal	Canine/dog	3 Month(s)	10/09/2016	28/09/2016	1 1	0 14/09/2	16 Yes, < R> Yes	Lack of efficacy	No Data	Suspected Lack of Expected Efficacy: A puppy (Labrador, very large) was vaccinated at a breeder in Germany at the age of 8 weeks (unknown vaccine(s)). Thereafter, on 6 Jug 2016 the dog came from the breeder to the very practice and host off facest. Est for Giardiae was performed with negative result. The vet waited with the vaccination until the dog was fit again. Then on 10 Sep 2016, the dog was vaccinated with Nobbucs SHPP and Nobbuc Led (mixed). 4 days after vaccination, the dog showed was vaccinated with Nobbucs SHPP and Nobbuc Led (mixed). 4 days after vaccination, the dog showed wheeting, sufffing and puried in said lacknage (hypical like distemper). On 23 Sep 2016 sample was taken and distemper was tested positive. At therapy, Symulow ass polled. Currently the dog is coming every day to the practice and receives inhalation. Additional info: the breeder is from the same city in Southern Germany as the vet, so the puppy has never been outside of that city. The vet will contact us in case of relevant new information, otherwise case closed. Note: the event was only reported as such, but not classified as SAR or SLE Essed on the nature of the event, the case was classified as SLEE. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPPI DIXLOS 122 Reason: Vaccination Generic: EPPTO*4[CT,CAM,GRIPP.BRAT] XB Brand: NOBIVAC L4 10X1DS 540 Reason: Vaccination Generic: EPPTO*4[CT,CAM,GRIPP.BRAT] XB Brand: NOBIVAC L4 10X1DS 540 Reason: Vaccination Generic: EPPTO*4[CT,CAM,GRIPP.BRAT] XB Brand: NOBIVAC L4 10X1DS 540 Reason:	Labrador Retriever	16 - 17	Nobivac L4 - 1.N/AN/A, 24.1 x 1 dose (10/09/2016- 10/0	N - Unlikely	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01762	Germany	Human	Human	Not Known	01/01/2015	27/09/2016	2 2	0 01/01/2	IS Not Known, BR>BR>BR>BR>BR>BR>BR	Cough	Not Known	Human exposure symptomatic: The animal owner reported to the attending vet a suspicion of human exposure which happened in 2015 to him and his wife. Their day was vaccinated with Nobisez PI and Nobisez L4. After a time (exact time to onset unknown) the day coughed and about 2-3 weeks post vaccination of the day the 2 owners became ill with cough. They went to a human doctor and he mentioned, that they may have been infected by the day or gog's succine. Note: cas linked to 2015. DE-01781. Case closed. [Reason for use for product: Generic: CANINE PARAINITUENZA LV Brand: NOBIVAC L4 SOXLDS-SAR BREANITY SCHOOLING GENERAL PRINCIPLE AND	Human	Not Known	Nobivac L4 - 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No assessment performed	
	DEU-MERCKMSD-2016-DE-01766	Germany	Animal	Canine/dog		27/09/2016	29/09/2016	1 1	0 28/09/21		Inappropriate urination, Vocalisation, Diarrhoea, C onvulsion, Epileptic seizure, Foaming at the mouth	No Data	Suspected adverse reaction: A dag was vaccinated with Noblave. L4 on 27 Sep 16. On 28 Sep 16, the doag howed an epiletic selave (observed by the owners) with loss of urine, foaming, scraming, convalidors at all 4 legs, 1 hour later the dog showed watery diarrhose yet suspects this to be due to the stress-situation). On 25 Sep 16, the dog was okay again and a blood examination was performed (results not available yet). I vet will inform us in case of relevant results, I further information, otherwis case closed. (Research of use for performance closer). Element Centeric LEPTO-4(T,CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination] [State of health: Good]	Alaskan Malamute		Nobivac L4 - 1,N/A,N/A ,24,once (27/09/2016-27/09/2016)-BR> 	O - Unclassifiable/unassessa ble	
	DEU-MERCKMSD-2016-DE-01811	Germany	Animal	Canine/dog		08/07/2015	05/10/2016	1 1		16 Yes, <i R> Yes</i 	a Lack of efficacy		SLEE: A Gog (breed: Bavarian Mountain Hound) was vaccinated with Nobbac SHPP and Nobbac L4 (mixed) for the first time on 10 Jul an 2015, then on 30 la Ju 2015 for the second time, 0.76 Sep 2016, the dog was brought to the emergency service of a nother practice with strong bloody dishriboes. There, a quick-test (Fassis-test) was performed and was Paravoiroisa positive. The vet considered it as a vaccination-breakthrough. The vet wants to inform us about the further development. Otherwise cas closed. [Reason for use for product: Generic: Other JU 18 mand: NOBIVAC-SHPS 950015 502 Reason: Vaccination Generic: LEPTO* 4(IFT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC 14 5001D5 540 Reason: Vaccination Generic: LEPTO* 4(IFT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC 14 5001D5 540 Reason: Vaccination Generic: LEPTO* 4(IFT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC 14 5001D5 540 Reason: Vaccination Generic: LEPTO* 4(IFT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC 14 5001D5 540 Reason: Vaccination Generic: LEPTO* 4(IFT,CAM,GRIPP,BRAT) KB Brand: NOBIVAC 14 5001D5 540 Reason: Vaccination (State of health: Good)		16.15	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (08/07/2015)-cBR> Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (08/07/2015- 08/07/2015)-BR> 		
	DEU-MERCKMSD-2016-DE-01838	Germany	Animal	Canine/dog	6 Year(s)	05/09/2016	13/10/2016	1 1	1 29/09/21	LG Yes, Yes, Yes <	Death by euthansia Anorexia, General euthansia Anorexia, General illness, Icterus, Bilirubinuria Injection site pain, Anaemia NOS	No Data	Suspected adverse reaction: 1 dog was vaccinated on OS Sep 16 with Noblava SHPP, Nobbac 14 and Nobbac 1 kindra on in if simultaneously or concurrently by the reporting vect. On 25 Sep 18 the dog was booster vaccinated with Nobbac 14. On 25 Sep 16 the dog showed a local, painful to touch probably vaccine related reston (according to attending vet and owner most probably at vaccination stell was no certainty). After that the owner and their dog went on holidays. While being there, the general health condition was turning very bed floudingla annovain, or further detailed data concerning clinical signs and exact time of ornest symptoms available). 4 emergency vet's were consulted (with several blood analysis performed, results are unknown, except that the dog was anneating and showed billindhursia). Icterus was diagnosed and some time in beginning of Cot 15 the dog was euchanized. No more further data available. Case closed [Reason for use for product. Generic: OHIPP LIV Brand: NOBING-SIPP SONIDS-GO Reason: Vaccination Generic: EPTO*4QFCT,CAN,GRIPP.BRAT) KB Brand: NOBING-ST-SONIDS-GO Reason: Vaccination [State of health: Good]	Crossbred	7	Nobiwa Lt - 1,N/N/N / 2,done (05/09/2016-05/09/2016-08-Nobiwa SHPP- 1,N/N/N / 2,done (05/09/2016-08-Nobiwa SHPP- 1,N/N/N / 2,done (05/09/2016-05/09/09/2016-05/09/2016-05/09/2016-05/09/2016-05/09/2016-05/09/2016-05/09/2010-05/09/201	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01853	Germany	Animal	Canine/dog	1.4 Year(s)	11/10/2016	13/10/2016	1 1	0 11/10/2	16 Yes, <i R> Yes BR> Yes</i 	3 Vomiting,Anaphylaxis,Facial , oedema,Swollen face (see also : Skin')	No Data	SAR: On I 10t 2016 at 11:30 a dog was vaccinated with Nobivac SIPPI, Nobivac I 4 and Nobivoc T. As about 22:00 the dog was presented to the valgain as emergency asse with high grade swelling in the face and vomiting (hauphylasis). Treatment with Dezatat (Cortisone). On I 2 Oct the dog was reserved to vit again and was already ofly recovered. Case closed. [Reason for use for product; Generic: DIPPI I V Brand: NOBIVAC SIPPI 100/IDS 127. Reason: Vaccination Generic: LEPTO*4[ICT.CANGEPREAT] XB SERVA MOBIVAC SIPPI 100/IDS 240 Reason: Vaccination). [State of health: Good of the Case of the Cas		29.7	Nobivac L4 - 1,N/A,N/A, 24,1 Dose (11/10/2016- 11/10/2016)-BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose (10/10/2016- 10/10/2016)-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (11/10/2016- 11/10/2016/BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01860	Germany	Animal	Canine/dog	3 Month(s)	25/09/2016	17/10/2016	1 1	0 25/09/20	16 Yes, <i R> Yes</i 	3 Pale mucous membrane,Staggering,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Panting,Weakness	No Data	Saspected adverse reaction: 1 puppy was vaccinated with Nobiwas SHPP and Nobiwa L 18 simultaneously on 7.5 Sep 2016 by the reporting vet. After 5 to 10 mit net dog collapsed (showed weakness, staggering, panting) and had pale mucois membrane. The vet treated the dog with continone injection and after approx 20 min the dog was doing much better again. Phone call with the owner the next morning: dog recovered again. Case closed. [Reason for use for product: Generic: DHPPI LV Branch NOBIVICS SHPP SIGNE 520 Reasons Sist immunization Generic: LEPTO*QICT_CAM_SRIPP_BRATY_IS Brand: NOBIVAC L4 50X1D5 540 Reason: Basic immunization]	Other Canine/dog	1.4	Nobivac L4 - 1,N/A,N/A ,24,once (25/09/2016- 25/09/2016)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,once (25/09/2016-25/09/2016) BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01876	Germany	Animal	Canine/dog	Not Known	17/10/2016	19/10/2016	1 1	0 17/10/2	16 Yeş, < R> Yes	Lack of efficacy	No Data	Sapected back of appected efficacy: 1 dag was vaccinated on 17 Oct 15 (nonring) with Nobissic Plan Nobback L fundroom fismultaneously or concurrently) by the propting vet. 2 hours after vaccination this dog was bitten by another dog. The dog underwent minor general surgery. Vet therapy with Decodmoting, Rimady, Duphamo and influsions. The same day in the afternoon-(pervening the dog was spaths's, comited, showed anorexia and was treated as emergency case. Complete blood count (including hematology and blood chemistry) was performed, resizted in normal hierantology but Creatinine and Urea were high grade increased. Previous complete blood count from 6 month ago showed no abnormables. Note: some dogs in the surrounding are ill with Leptopriosis and vet ferens' vaccination took place within inclusation period. Previous vaccination performed in Oct and Nov 2015 for Anaplasmosis was detected. The dog started treatment with Carbesia, antibiodics and influsion. Thereafter the dog between improvement. Case closed. (Besson for use for product. Generic: CARNIEF PARAINFULFIZAL XI Stands VOGIVAC IS SOXIDS 502 Resson's vaccination Generic.		Not Known	Nobbert (14 - 1.1N/A,N/A, 24,once (17/10/2016) (17/10/2016) (17/10/2016) RBRKBR-Nobberc PI -11/20/2016) RBRKBR-Nobberc PI -11/20/2016) KBRKBR-	N - Unlikely	
	DEU-MERCKMSD-2016-DE-01881	Germany	Animal	Canine/dog	6 Year(s)	14/08/2015	19/10/2016	1 1	0 14/08/20	R> Ye	Facial swelling (see also "Skin"),Pustules,Anaphylactic-type reaction	No Data	Addition/Lindows/Lindo	Jack Russell Terrier	8.9	Nobivac L4 - 1,N/A,N/A,24,once (14/08/2015- 14/08/2015/-BR> Nobivac SHP- 1A/08/2015/-BR> 14/08/2015- 14/08/2015/-BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01883	Germany	Animal	Canine/dog	Not Known	01/01/2014	18/10/2016	1 1	0 01/01/2	14 Yes, RXBRXBR>Yes KBR>YES 	a Anaphylactic-type reaction, Facial swelling (see also 'Skin')	No Data	Suspected adverse reaction: I puppy was vaccinated with Nobius CHPPI, Nobius CT and Nobius C14 (unknown if similancesuly or concurrently) n 2014. About 30 min later dop had an anaphylactic like reaction with swelling of the face. The dog was treated with Cortisone and soon recovered. Note: in 2016 vaccination was splitted (every 2 week) 1 excitantion) and dog showed no reactions. Case linket to 2016-09-C1888 and 2016-09-C1887, cluster of reports, same practice. Case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC-SHPP SOXIDS 520 Reason: Vaccination Generic: LEPTO-41(CTA,OLAR)PB/BBATI NS Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination Generic: RABIES IN ALU ADIUVANT NV Brand: NOBIVAC T-50XIDS 620 Reason: Vaccination [State on health: Good]	Jack Russell Terrier	Not Known	Nobivac 14 - 1,N/A,N/A, 24,once (01/01/2014- 01/01/2014/8R>>Nobivac SHPPI - 1,N/A,N/A, 24,once (01/01/2014- 01/01/2014/8R>>Nobivac T - 1,N/A,N/A, 24,once (01/01/2014- 01/01/2014)-8R>	B - Possible	

NOBIVAC L4	DEU-MERCKMSD-2016-DE-01886	Germany	Animal	Canine/dog	Not Known	30/03/2016	18/10/2016	1 1	0	30/03/2016	R>BR>BR>Yes, < BR>>Yes	Anaphylactic-type reaction,Facial swelling (see also 'Skin')	No Data	Suspected adverse reaction: 1 puppy was vaccinated with Nobiwas SHPPI, Nobiwac T and Nobiwac L4 of 30 Mar 2016 (Innovani Simulaneous) or concurrently, Nobiwa 13 min later the dog had an anaphylacit like reaction with facial swelling. Treatment initiated with Cortisone, thereafter soon recover, Case linked to 2016-06-01888 and 2016-06-01885, Culter of events, some practice. Case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBIWAC SHPPI 50XIDS 502 Reason Vaccination Generic: EFFO*4(TC.TAM.GRIPPBART) kB Grand: NOBIWAC SH00015-508 Reason: Vaccination Generic: RABIEST NALU ADJUVANT KV Brand: NOBIWAC T 50XIDS 620 Reason: Vaccination Generic: RABIEST NALU ADJUVANT KV Brand: NOBIWAC T 50XIDS 620 Reason:	n Miniature Dachshund	Not Known	Nobivac L4 - 1,N/A,N/A, 24,once (30/03/2016- 30/03/2016-BR> Nobivac SHPPI - 1,N/A,N/A, 24,once (30/03/2016-BR>>BR>Nobivac T - 1,N/A,N/A, 24,once (30/03/2016- 30/03/2016-BR>>BR>	B - Possible	
	DEU-MERCKMSD-2016-DE-01887	Germany	Animal	Canine/dog	Not Known	01/01/2016	18/10/2016	1 1	0	01/01/2016	Yes, <br R>BR>BR>Yes, < BR> Yes</br 	Anaphylactic-type reaction,Facial swelling (see also 'Skin')	No Data	Suspected adverse reaction: I puppy (unknown canier) was vaccinated with Nobbuc 5HPP, Nobbuc 1 and Nobbuc 14 in 2005 (unknown if simultaneous) or concurrently. About 30 min later the day had anaphylacit like reaction with facial swelling. Treatment initiated with Cortisone, thereafter soon recovery. Case linked to 2016-50 e1888 and 2016-50 e1886, cluster of events, same practice. Case clossed. [Reason for use for product: Generic: DHPPI IV Brand: NOBMYC 5HPP 50X1D5 520 Reason Vaccination Generic: EEPTO*4[CT_CANGEPPBART) kill Famil: NOBIVAC T 50X1D5 520 Reason: Vaccination Generic: RABIES IN ALU ADIUVANT IXV Brand: NOBIVAC T 50X1D5 520 Reason: Vaccination Generic: RABIES IN ALU ADIUVANT IXV Brand: NOBIVAC T 50X1D5 520 Reason:	n:	Not Known	Nobivac L4 - 1,N/A,N/A ,24,once (01/01/2016- 01/01/2016)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,once (01/01/2016- 01/01/2016)-BR>>BR>Nobivac T - 1,N/A,N/A ,24,once (01/01/2016- 01/01/2016)-BR>>BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01895	Germany	Animal	Canine/dog	7 Year(s)	09/09/2016	20/10/2016	1 1	0	19/10/2016	Not Known,
BR> Yes, >BR> R>BR> BR> BR> </br 	Circulatory shock, Diarrhoea, Elevated liver enzymes, Rigidity, Emesis, Decreased body temperature	No Data	Suspected adverse reaction: 1 dag was succinated with Nobinus SHPP, Nobinus LA, Nobinus C1 and Menthing funknoom in Simultaneously or concurrently) and 95 pp. 16. no 190 ct 16 the dags showed Menthing funknoom its simultaneously or concurrently on 109 pp. 16. no 190 ct 16 the dags flowed vormitting, disinrhea, low temperature (14" degrees), circulation yabock, the belly seemed right. The dag was florwarded as an emergency case to wet clinic. X-ray was without findings, 100 danalysis show elevated till were may mark with point to a liver "shock" (KC and GGT low-grade elevated). The dag is under treatment flord further specified, Case closed. [Reason for use for product: Generic: DHPP1 LV Brandt NOBINAC SHPP SOXIDS 620 Reason: Vaccination Generic: LETDY-04[FC.CANGERPERAT] RES INSTANCISTANCE AND SANID	Shih Tzu	6	Eurican Merilym - 1,N/A,N/A ,24,once (09/09/2016- 09/09/2016-)8R×-BR>Nobivac L4 - 1,N/A,N/A, 24,once (09/09/2016- 09/09/2016-)BRS-BR>Nobivac SHPPI - 1,N/A,N/A, 24,once (30 Day(s) 09/9/2016- 09/10/2016-)BRX-BR>Nobivac T - 1,N/A,N/A, 24,once (09/09/2016- 09/09/2016-BRS-BR> BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-	N - Unlikely	
		Germany	Animal		6 Year(s)	01/11/2015	25/10/2016	1 1			Yes, <b R>BR> Yes, BR> Yes</b 	Emesis, Circulatory shock, Pustules	No Data	Supected adverse reaction: 1 day was vaccinated with Nobiwas SHPP and Nobiwas L4 similateneously and Nobiwas To concurrently in November 2015. Agons to Inno in after vaccination the days started vomitting and showed generalized putules and circulatory shock. Ver treatment with Adrenalin, Buscopan, Predissione and influsion was initiated. Approx 1 hour after treatment start the day recovered again. Case closed. [Reason for use for product. Generic: DHPPI LV Brand. NOBIWAS 5HPP SOULDS 620 Reason. Vaccination Generic: LEPTO*4[ICT,CAN,GRIPP,BRAT] KB Brand. NOBIWAS 14 SOULDS 540 Reason. Vaccination Generic: RIABLES IN ALU ADIUVANT KV Brand: NOBIWAS 50KIDS 620 Reason. Vaccination Generic: RIABLES IN ALU ADIUVANT KV Brand: NOBIWAS 50KIDS 620 Reason. Vaccination [State of health: Good]	:	9	Nobivac L4 - 1,N/A,N/A, 24,once (01/11/2015- 01/11/2015-BR> Nobivac SHPPI - 1,N/A,N/A, 24,once (01/11/2015- 01/11/2015/BR> Nobivac T - 1,N/A,N/A, 24,once (01/11/2015- 01/11/2015) Nobivac T - 1,N/A,N/A, 24,once (01/11/2015- 01/11/2015) 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01935	Germany	Animal	Canine/dog	2 Year(s)	24/10/2016	28/10/2016	1 1	0	24/10/2016	Yes, 	reaction,Pruritus,Facial swelling	No Data	Singereted adverse reactions: On A3 Oct 18 one dog was vascinated with Nobbac P and Nobbac L1 simultaneously and Nobbac T concurrently. Approx 3 house after vascination the dog showed an allergic reaction: facial swelling, pustules on the head and nose, generalized pruritus. The dog was not presented to the vet. Treatment and outcome unknown. Note: The dog had shown a similar allergic reaction after the last visit in the vet practice a few months ago. The dog had been treated with Metamizol, Metacuma and Amoscikus against cyttists and had reacted on the same day or one day late (game reaction + vomiting and diarrhea). The vet is not sure if the dog reacts to specific drugs in general, or to the dog treat given in the vets practice, or for so to tally different cause in the dog's environment. The vets' assessment is 0 unclassified. Case closed. (Reason for use for product processing the control of th		32.5	Nobiwa L 4 - 1.N/N/N / 24.once [24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016 24/10/2016	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-01972	Germany	Animal	Canine/dog	3.5 Month(s)	03/11/2016	07/11/2016	1 1	0	03/11/2016	Yes, <b r="">BR>CBR>CPS, CBR>CPS, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	Diarrhoea,Respiratory distress,Face and neck swelling (see also 'Skin')	No Data	Suspected adverse reaction: I puppy was vaccinated with Nobwas SHPP and Nobwas L4 simultaneously and Nobbas T concurrently on 31 Not 15 by the reporting set. Agpoint 15 min after vaccination the dog showed respiratory distress and massive head swelling. Vet therapy initiated with Continone injection. Immediate improvement and complete recovery a few hours later (fame day). I day after vaccination the dog showed dairrhea for 3 days, treatment with bland det and Canifur. At follow up presentation on 07 Not 15 the dog was recovered again. Attending ever slevel of suspicion was probable = A. Case closed. [Reason for use for product: Generic: DHPP I V Brand: NOBWAC SHPP SOLIDIS COR (SAGNO) SHOW AND	Crossbred	0.045	Nobiwac L4 - 1,N/A/N/A, 24,once (03/11/2016-03/11/2016-08R->BR-Nobiwac SHPM - 1,N/A/N/A, 24,once (03/11/2016-0	B - Possible	
	DEU-MERCKMSD-2016-DE-02017	Germany	Animal	Canine/dog	2 Year(s)	09/11/2016	26/01/2017	1 1	0	16/09/2016	R> Yes, <	Haemolytic anaemia.Not drinking Fever.Nucous stool.Generalised weakness, General illness, Food refusal	No Data	Suspected adverse nexitors: 1 dog Danis-Svensk (Galdshund) was vaccinated on 9 5-pp 2016 test here Nobbox P and Nobbox E (I winknown F) immultaneously or concurrently). On 14 5-pp 2016 test here with Branceto. On 15 5-pp 2016 test here with Branceto. On 15 5-pp 2016 the owner reported to the vet, that the dog showed weakness and we unwilling to eat / faith. On 19 5-pp 2016 the dog was presented to the vet with free, strong weakness high grade disturbed general health. Thereafter, the dog was forwarded as emergency case to vet university, where I was treated with blood transfusion, hearnonly can assent was diagnosed, possibly caused by use of vaccines or Braveto. No further diagnostic available despite several requests by reporting vet. Notice. Around the time of treatment with Bravetoc the dog was treated with Prasifier (non-MAH-product) too. Case closed Follow up 25 Jan 2017. Missing case details (such as weight of animal, after other into a nimal and treatment dates) added, additional resction on 15 5-pp 2016. Vet treatment performed with Predinciolon, Matdoxyl and Synulos. On day of Follow up report, the animal is still under Control therapy. Case closed. (Reason for use for product: Generic: CMNIE PARAMETUREXELY Branch NOBINAC PI 300015 200 Reason vaccination Generic: LIGHARAMET CARVA BART STA BART	Other Canine/dog		BRAVECTO 500MG INTIAB EU1 1,1/\mathbb{N}/2, 2,6 not (1/10/9/2016-14/09/2016-14/09/2016)+ RBN-N0bWac L4 1,4/\mathbb{N}/2,0 not (10/11/2016-16-RBN-N0bWac L4 1,1/\mathbb{N}/2,0 not (10/11/2016-16-RBN-N0bWac P1 1,1/\mathbb{N}/2,0 not (10/10/2016-16-RBN-N0bWac P1 1,1/\mathbb{N}/2,0 not (10/10/2016-16-RBN-PBR) 1,1/\mathbb{N}/2,0 not (10/10/2016-16-RBN-RBN-PBR) 1,1/\mathbb{N}/2,0 not (10/10/2016-16-RBN-RBN-PBR) 1,1/\mathbb{N}/2,0 not (10/10/2016-16-RBN-RBN-PBR)	B - Possible	In the SPC is mentioned: In every rare cases, clinical signs of Immune—residuted heemolyfic a neemal, immune—mediated thrombocytopenia, or immune— mediated polyarthritis have been reported.
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02022	Germany	Animal	Canine/dog	22 Week(s)	26/07/2016	15/11/2016	1 1	0	14/11/2016	No, -BR> -BR>No	Lack of efficacy	Other	Supercial lack of expected efficacy." I puppy was succinated by another viet with Nobina SIPPS and Nobina Cal Nets, on 26 tol and 10 Tab pol. Eq. for a dnot I weeke of age, extra label use treatment program, unknown if simultaneously or concurrently, On 13 Nov with 22 weeks of age, the puppy we presented to the reporting vet with nausously and stranger extensition. In 26 was a supercised to the reporting vet with nausously extraording to the viet the og flows on Novi and significant programs and the puppy was presented to the reporting vet with nauson and nomining. Apastitis was supported, flowever, symptoms progressively worsened to a haemorrhagic entertits. On 14 Nov a Daick Test was positive for paravovirus, according to the vet the og those soon will deshydration. The dog is under ambulant treatment (precises infisions and sympomatic medication during the day in the vet practice and returns home at nights). On 16 Nov the dog was already improving, tala antibody test for paravovirus was positive with a title of 13.00. According to the layor control to the layor control of the layor of the layor control of the layor	Canine/dog	6.3	Nobinat L - N/AN/AN/A, 24, 24 vice (5 Weekl) 26/07/2016 - 00,109/2016/sBR-sB8-Nobinat SiPPI - N/AN/AN/A, 24, wice (5 Weekl) 26/07/2016 - 01/09/2016/sBR-sBR-	N - Unlikely	

	DEU-MERCKMSD-2016-0E-02031	Germany	Animal	Canine/dog	12 Week(s)	04/10/2016	02/12/2016	1 1	1 08/10/-	016 Yes, GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-	dsorder,Diarrhoea,Myositis,Death by euthansis,Elewted liver enzymes,General illness,Decreased enzymes,General illness,Decreased packed cell volume (PCV),NT - bone marrow aplasia	No Data	Suspected adverse reaction: 1 puppy (breed: Heidesterrier) was vaccinated on 0.0 Ct. 16 by the other preporting wet with Nobuces: 15PP and Nobuce 1.5 in sultaneously and Nobuce 1.5 comment My. Aprox. 2 Cannel (od days a few vaccination the dog schowed strong mushy diurihera which lasted until 13 Nov 1.6. Uptake of anything foreign had been excluded. The dog was presented to the attending vet on 11 Nov 15 and was thereafter treated with Buscopan, Amountilin and Metacam. On 13 Nov 15 the diarrhea subsided. The dog was presented on the vet on 20 Oct 16 to be to suspected must asstratory muscle memoritis. He received treatment with Predistorlors and was recovered again on 21 Oct 16. On 14 Nov 15 the days was presented by the vet with high gade nor regenerable manifest. He dog resolved again to the vet with high gade nor regenerable manifest. Sender of the office of the vet with high gade of the vet with high gade nor regenerable again to 16 few with leg angular of 18 Nov 15 the dog was served and the vet with high gade nor regenerable and senders. Senders with the vet with high gade of the vet with high gade elevated. Additional blood analysis performed after 6 blood transfusion revealed that the diagnosed anemia was non-regenerable. Post mortem cytology howed no detection of hematopoetic loom arranow which suggest an aplasia of the bone marrow. Histology examination of the intestine showed no abberation. Stool sample examination was negative for praviousis infection. Auto-artiblosy occerning was negative as well as the direct Coombis test. Due to his very reduced general health status the dog was exchanged on the country of the control of the control of the country of t	8	Nobina L4 - 1.N/A/N A 24.onc (04/10/2016 (B - Possible	
	DEU-MERCKMSD-2016-DE-02033	Germany	Animal	Canine/dog	7 Year(s)	29/09/2016	17/11/2016	1 1	0 09/11/2		Lack of efficacy	No Data	Suspected all ox of expected efficacy for Legiot 1 day was vaccinated with Noblavc Lt on 72 549 2016 To the first time (if Nu been vaccinated regularly before with hort vaccines). On 80 vo 2016, the day was presented to the vet for planned booster-vaccination. At this occasion, the owners reported that the day has been showing polyvina, ophydipsian and poor flood intake. In the practice, slight fever was noted. A blood analysis was sperformed and showed elevated liver enzymes and slight acotacemia. The tiler for La Bratishwa was high! 1 2000, L cancious was so high. There was the supption of leptosprosis. PCR (unine) was negative. The day was treated with Amonyclev and indison therapy. At the time of reporting IT Nov 2015) the day was stable, but not completely of key, no more fever, sliding-values were of, ther-values not completely of key. It will inform us in case of relevan. More was been a completely of key. It will inform us in case of relevan. Reason: Vaccination State of health. Good Reason: Vaccination State of health. Good	22	Nobiwa: L4-1,N/N,N/A, 24,once (29/09/2016-29/09/2016)-48R>-68R>	N - Unlikely	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02038	Germany	Animal	Canine/dog	2 Year(s)	16/11/2016	28/11/2016	1 1	0 17/11/:	016 Yes, BR> R>SBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>G	, disorder,Blood in urine,Petechiae	No Data	SAR: On 15 Nov 2016 in the moming a dog was booster vaccinated with Nobwac SHPR and Nobbac Ld Smithulaneously, in the evening the dog reveeled Braveto 250 Prog for the first time. Previous vaccination on 21 Oct 16 with Nobwac SHPR, Nobbac Ld and Nobwac T had been tolerated well. On 17 Nov in the morning the dog showed gingrisol beleding and pretentia at the gingris, as well as blood in the urine. Additionally, an injection site lump developed. From 18 Nov showed annoreas and did not dired, vet stratter treatment with indisons. Bloods were aslot acts and asset to a ladio no result vanisable in the momentif, While taking the blood the vet noticed that the coagulation seemed to be disturbed (logalization the increased. The vet's causal assessment to loyet doesn't exclude intoxication or other cause). Vet will contact us again in case of new information. Otherwise case closed, (Note: linked to non-serious case2016-0F-2002, Lotter of reports). [Resono for use for product: Generic: DHPPI IV Branck NOBINICE SHD INDIDS 122 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, NOBINICE 13 100105 58 Reason. Vaccination Generic: ETDY-04[CTA.RAPPS.BAR] 18 B stant, Branch ETDY-0	8	Bravet.0 250 mg Nautabletten für Istiene Hunde (- 5,-10 kg) – 1,N/A.N/A, 24,1 Tablets (16/11/2016- 16/11/2016-BR-BN-oblivat.1 et. 1,N/A.N/A, 24,1 Dose (16/11/2016- 16/11/2016-BR-BN-oblivat.0 et. SIPPI - 1,N/A.N/A, 24,1 Dose (16/11/2016-16/11/2016)-BR>-BR>-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02051	Germany	Animal	Canine/dog	Not Known	01/01/2015	18/11/2016	1 1	0 01/01/2	Known, <br< td=""><td>Reddening of the skin, Anaphylactic type reaction, Local swelling (not application site), General illness</td><td>- Not Known</td><td>SAR. Available of the property of the property</td><td>Not Known</td><td>Nobivac L4 - N/A,N/A,N/A 24,Unknown Not applicable Unknown (01/01/2015- 01/01/2015)-BR>-BR>-Nobivac Pi- N/A,N/A,N/A,24,Unknown Not applicable Unknown (01/01/2015- 01/01/2015)-BR>-GR>-</td><td>B - Possible</td><td></td></br<>	Reddening of the skin, Anaphylactic type reaction, Local swelling (not application site), General illness	- Not Known	SAR. Available of the property	Not Known	Nobivac L4 - N/A,N/A,N/A 24,Unknown Not applicable Unknown (01/01/2015- 01/01/2015)-BR>-BR>-Nobivac Pi- N/A,N/A,N/A,24,Unknown Not applicable Unknown (01/01/2015- 01/01/2015)-BR>-GR>-	B - Possible	
	DEU-MERCKMSD-2016-DE-02069	Germany	Animal	Canine/dog	7 Year(s)	19/10/2016	22/11/2016	1 1	0 07/11/2		Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Pericardial effusion, Bradycardia, Anaemia NOS, Apathy	No Data	SAR: On 19 Oct 2016 a dag was vaccinated by the reporting vet with Nobiwac L4. On 70 No 15 the dog Most admitted to an emergency clinic due to collapse and applyt. Through blood analysis anemia was deflected a Examinations detected bradycardia, ultrasound diagnosed pericardial effusion. Autoimmune-mediated hemolykic anemia was suspected. Symptomatic therapy including artibiotics was performed. Die precivered on approx 22 Nov 15. Additional information: During the first blood analysis antibodies against leptospicosis were tested and showed a high titler (exact values unknown) for C. Bartislava and L. Australis. On 18 Nov 15 another blood analysis careled that all servorus were under 1:100 (very low). No more information expected. Case closed. (Reason for use for product: Generic: LEPTO* (ICA,MGRIP-PRAT) NB Brand: NOBIVAC L4 50X1DS 540 Reason: Vaccination] (State of health: Good)	40	Nobiwa (4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (19/10/2016-19/10/2016) BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02340	Germany	Animal	Canine/dog	7 Month(s)	18/11/2016	31/03/2017	1 1	0 19/11/-	016 Yes_GR-XGR-XGR-XGR-XGR-XGR-XGR-XGR-XGR-XGR-X	Injection site haematoma, injection site sate swelling, injection site laump, Diarrhoea, Tiredness, Milaise, lever, Skin a biscess, Vomiting	No Data	SAR. This information was received by the vaccinating veterinarian: 2 dogs were vaccinated with Orosbred Nobboxis CSHP91 and Nobbox Led simultaneously and Nobbox Concurrently on 18 Nov 16 by the reporting vet. 2 days after vaccination 1 of these dogs showed a reduced general health condition, was triced and showed a stong swelling at injection site fundamen which product was injected at this site). The dog was transferred to a vet clinic. The swelling moved to the ventral neck area, the situation worsered and site mercios occurred, surgical intensive intervention was necessary. Note: A total amount of 4 dogs were vaccinated and 2 were reacting. This case represents one reacting and one none-reacting dog. The other two dogs are captured in linked as 2016-06-02414 TO 20.0 2016. This information was received by the veterinarian of the clinic (treating the reaction): On 20 Nov 2016 the dog was presented to the clinic with feed, darkness and injection site swelling. The dog was the common of the clinic with reaction and the common of the com	18	Nobinac L4 - 1.N/N/N 2.41 Doe 1 Animal (18/11/2016)- 18/11/2016)-RR-NeB-Nobinac SHPPI - 1.N/A/N/A,21 Doe 1 Animal (18/11/2016- 18/11/2016-RB-Nobinac T - 1.N/A/N/A,24] Doe 1 Animal (18/11/2016-RB-Nobinac T - 1.N/A/N/A,24] Doe 1 Animal (18/11/2016-18/11/2016)-RR-RB-	B - Possible	

NOBIVAC LA	DEU-MERCKMSD-2016-DE-02	Germany	Animal	Canine/dog	3.5 Year(s)	18/11/2016	08/05/2017	1 1	0 19/	/11/2016	Yeş, (BR-BR-G	Injection site swelling Darindea, Vomiting, Skin necrosis, Shacess NOS, Perez, Local led skin reaction, Tiredness, Malaise reaction, Tiredness, Malaise	No Data	SAR: This information was received by the vaccinating veterinarian: 2 dogs were vaccinated with Nobbucs 159 minut anough and Nobbar Concurrently on 18 Nov 16 by the reporting vet. 2 days after vaccination 1 of these dogs showed a reduced general health condition, was tread and showed a strong swelling at injection site. The dog was transferred to a vet clinic. The swelling moved to the ventral neck area, the situation worsened and sits necrosis occurred, sungical intensive intervention was necessary. Nove. A total amount of 4 dogs were vaccinated and 2 were reacting. This case represents one reacting and one none-reacting dog. The other two dogs are reacting. This case represents one reacting and one none-reacting dog. The other two dogs are reacting structured in hielded case 2015-0F-0C 230 to 17 to 22-030. This flormariation was received by the captured in hielded case 2015-0F-0C 230 to 17 to 22-030. This information was received by the captured in hielded case 2015-0F-0C 230 to 17 to 22-030. This information case credeved by the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 to 2015 the captured in hielded case 2015-0F-0C 230 the captured in hielded case 2015-	ed	8 40	Noblact 4-1M/N/N 241 Doe 1 Amima (18/11/2016) 18/11/2016):RB-NeB-Noblac SHPP-1M/NA/A2,1 Doe 1 Amima (18/11/2016- 18/11/2016):RR-SBP-	B - Possible	
	DEU-MERCKMSD-2016-DE-02		Animal		Not Known	01/01/2016	09/12/2016	2 1		/01/2016	Known,
 Not Known</br 	Allergic oedema,Facial swelling (see also 'Skin'),Vomiting,Pruritus	Not Known	SMT: Two dogs (vetz, own dogs, breed: Galgo Espagnol) were vaccinated with Nobius C SPPF and Nobivac L (least date; route, unknown). Shortly after vaccination one dogs showed vomiting rethremore a myselement with pruntis was observed. Due to the prompt administration of cortisone the dog improved and the next day only a slight swelling in the nasal are awas observed. The dog's considered to be recovered. The other dog showed no reaction. Note: the reacting dog had already received Nobivac vaccine before without showing problems. [Reason for use for product: Genetic: DMPPI LV Branch ADMICA SEPP SMAT) KS Brand: NOBIVAC L4 50XLDS 540 Reason: Vaccination) [State of health: Unknown].	Other Canine/dog	Not Known	Nobivac L4 - N/A,N/A,N/A 24,Unknown (01/01/2016- 01/01/2016-BR>-BR>Nobivac SHPPI - N/A,N/A,N/A, 24,Unknown (01/01/2016-01/01/2016)-BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02	Germany	Animal	Canine/dog	6 Year(s)	09/12/2016	01/02/2017	1 1	0 14,	/12/2016	Yes	Eosinophilla, Red Dlood cell disorder, Balance problem, Epileptic seizure, Walking difficulty, Basophilia	No Data	SAR: Two dogs (I American-Canadian Sheepdog; 1 Doberman "Rocky") were vascinated with Nobiac L4 on 09 Dec 2016. The Doberman was netered in linked non-revisious ace 2016-Dec 2018. The American-Canadian Sheepdog reacted as follows: On 14 Dec 2016 showed balance disorder, then 3-4 latter grand male piletpic seture, in the evening again balance disorder with 'sidestep;" On 15 Dec 11 was brought to the practice and in front of the practice, it showed again a grand mal epidentic seizure, then 14 was brought to the practice and in front of the practice, it showed again a grand mal epidentic seizure, then 14 was brought to the practice and in front of the practice, it showed again a grand mal epidentic seizure, then It was obey again. Blood was taken for examination. If the practice of the 15 miles of the 15 m	e 't e e	45	Nobivac L4 - 1,N/A/N, 2,41 Dose Not applicable 1,4nimal (09/12/2016-09/12/2016)-BR~BR>	O1 - Inconclusive	
NOBIVAC L4	DEU-MERCKMSD-2016-DE-02	253 Germany	Animal	Canine/dog	3 Month(s)	09/12/2016	30/12/2016	1 1	0 09,	/12/2016	Yes, KBR>Yes	Pale mucous membrane,Anaphylactoid reaction,Generalised weakness	No Data	Superted adverse reaction: I dag was vaccinated with Nobissc SHPP and Nobissc L4 simultaneously on 09 Dec 18 by the reporting vet. Approx Simulses after vaccination the vet noticed at strong pale mucosa on the dog. Furthermore, the dog showed general weakness. According to the vet, the dog showed an anaphylatical file reaction. The vet injected cortisone and after approx 54 minutes improvement was seen. During the evening of the same day the dog was still a little weak but the next day (10 Dec 15) file dog was fine again. Note: previous filts curcuration performed on 10 Nov 15 was tolerated well. Attending vet's level of supplicion is probable – A. Case closed. [Reason for use for product: Generic CIPPT VI Parind NOBIVAC SHPPS XDISC 506 Reason: Basic immunization Generic: LEPTO*4QFC,CAN,GRIPP_BRAT] XB Brand: NOBIVAC L4 SORIDS 540 Reason: Basic immunization	r Standard Poodle	02-Mar	NOBIVAC L4 50X1DS 540 - 1,N/AN/A, 24,once (09/12/2016- 09/12/2016-BRN-RBN-Nobiwac SHPPI - 1,N/A,N/A, 24,once (09/12/2016-09/12/2016)-BR>-BR>	B - Possible	
	DEU-MERCKMSD-2017-DE-00		Animal			18/08/2016		1 1			R> >Yes		No Data	Supercted adverse reaction: I puppy was vaccinated with Nobivos SHPP and Nobivos L14 simultaneously on 18 Aug 15b by the reporting vet. On 25 Aug 16 the day was re-presented to the vet with generalized shaking, apathy and somoelence, he was constantly falling over (like offitting away). The attending vet injected one time Cortisone, and thereafter the situation slightly improved on 25 Aug 16. However, on approx 27 Aug 16 the 60g delf. Note: According to the owner, the symptoms started already on the 40y of vaccination, but the 60g was first search by the vet just on 25 Aug 16. The 60g belonged to a breeder and all the rest of the litter is doing fine. The vet noted in the dogs file on 18 Aug 16 that the floritant was not closed yet. Her level of suspicions in unclassified on, lines the also suspects a swelling of the brain or hit on the head to be the cause of desth. The 60g wasn't forwarded for pathological examination. Case closed Follow-up on 26 Peto 2018: VeDDRA code "desth" has been added. [Reason for use for product: Generic: DiPerl LV Brand NDBIVAC SHPP SOIIDS 520 Reason First time basis immunization Generic: ETPO*4ICT.CAN.GRAPP.BRATY NB Brand: NDBIVAC L4 SOXID! 540 Reason: First time basis immunization [State of health: Good]	98 d d n n:	.48	[18/08/2016- 18/08/2016-8R-SB-Noblwac SHPPI - I.N/AN/A, Z4,once (18/08/2016-18/08/2016)-8R>-SBP>	O1 - Inconclusive	
	DEU-MERCKMSO-2017-DE-00		Animal			31/12/2016		9 1			Not Known, BR > Yes		Not Known	SAR: The case was reported by animal breeder (several litters per year). He was unwilling to report the doop breed but mentioned that the concerned dog had a very race clour. Furthermore hed din of a great that MAH contact the attending wet. A litter of 9 pupples, 8 weeks old, was vaccinated at midday of Dec 31 2016. On morning of new year all dogs still showed an normal appetite, but around midday nor dog had palse mucosa, was weak and unwilling to eat. The animal keeper tried to feed! It and activated the dog, but dog died quickly. The animal breeder din on 2017 of each of 2017 of 2018 of	e Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Dose (31/12/2016- (31/12/2016)-SR>-Nobivac SHP- 1,N/A,N/A, 24,1 Dose (1 Day(s) 31/12/2016-31/12/2016)-SR>-SR>		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00	015 Germany	Animal	Canine/dog	8 Week(s)	31/12/2016	10/01/2017	20 20	0 01,	/01/2016	Not Known,
 >BR> Yes</br 	Weakness, Appetite loss, Pale mucous membrane	Not Known	SAR: The case was reported by animal breeder (several litters per year). He was unwilling to report the doog breed Furthermore he did not agree that MAH contact the attending vet. When reporting case 10217-015-00014 he also mentioned: About 20 pupples showed pale mucosa, weakness and appetite loss soon after vacacination with Noblews SPIP plus Nobbox 6. in 2016. Case 1 collect 02107-015-00014, 17,18. [Reason for use for product: Generic: DHF LV Brand: NOBLIVAC SPI DIXLOS 1272 Reason: Vacacination Generic: EIPTO*QICT_CAM_GRIPP_BRAT) NB Brand: NOBLIVAC L4 10XLIDS 54 Reason: Vaccination] [State of health: Good]	Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (31/12/2016- 31/12/2016)-BR> Nobivac SHP - 1,N/A,N/A ,24,1 Dose (1 Day(s) 01/01/2016-01/01/2016) 	B - Possible	

NORIVAC 14	DEU-MERCKMSD-2017-DE-00018	Germany	Animal	Canine/deg	8 Week(s)	31/12/2016	02/01/2017	2 2	0 01/0	/2016 Not	Seizure NOS	Not	SAR: The case was reported by animal breeder (several litters per year). He was unwilling to report the	Other	Not	Nobivac L4 - 1,N/A,N/A ,24,1 Dose	n- I	
		according to			- ***CA(3)				5 51/0	Known,< > <b Yes</b 	t>GR > <gr></gr>	Known	dog breed. Furthermore he did not agree that MAH contact the attending vet. When reporting case 2017.07-6.00014 as bo mentioned: 2009 (infloword fisan titler) had been sociated at an age of weeks. One week later they had been sold to new owners. Later the owners complained that each of the 2 dogs showed cramps (no further description of the symptoms provided) about 2 weeks after the vaccination. No diagnostic performed. The reaction did not re-occure and dogs recovered. Casse closed. Case is linked to 2017-07-00014, 15, 17. [Reason for use for product: Generic: DHP UV Branch NOBINVAC PRI DUIGS 122. Reason Vaccination. Generic: EPTO*URICT_CAN_GRIPP_BRAT] KB Branch NOBINVAC L4 10X1D5 540 Reason: Vaccination Generic: EPTO*URICT_CAN_GRIPP_BRAT] KB Branch NOBINVAC L4 10X1D5 540 Reason: Vaccination Generic:	Canine/dog	Known	[31/12/2016- 31/12/2016/sBR>SBR>Nobivac SHP- 1N/AN/A 24.1 Dose (1 Day(s) 01/01/2016-01/01/2016) SBR>SBR>	Unclassifiable/unassessa ble	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00031	Germany	Animal	Canine/dog	12 Week(s)	21/12/2016	05/01/2017	1 1	0 21/1	/2016 Yes, R> <		,F No Data	Saspected adverse reactions Approx. 2 I Dec 2016 one puppy (age 12 weeks) was vaccinated minufaneously with Nobbacs SHP and Nobbacs Left for the first time (other vaccines were administere before). Approx. 30 minutes after vaccination the dog showed one-time vomiting. After 3 hours the dog showed untains, puritus, wheal and facial eldems. Interhenerne the dog started to breath stertorously. The dog was treated with Deamerbasone. Within 10 minutes after administration worsening of symptoms stopped and improvement started. The dog had completely recovered the next morning. Case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC SHPPI SOXIOS 520 Reason: Vaccination Generic: EPTO*4QTC.CAR, GRIPP,BRAT) KB Brand: NOBINAC L4 SOXIOS 520 Reason: Vaccination Generic: EPTO*4QTC.CAR, GRIPP,BRAT) KB Brand: NOBINAC L4	Labrador dd Retriever	8	Nobiwac L4 - 1,N/A,N/A, 24,once (21/12/2016- 21/12/2016-BR>-SR>Nobiwac SHPPI - 1,N/A,N/A, 24,once (21/12/2016-21/12/2016)-BR>-SR>	B - Possible	
NOBIVAC L4	DEU-MERCKANSD-2017-DE-00032	Germany	Animal	Canine/dog	1.5 Year(s)	06/01/2017	09/01/2017	1 1	0 06/0	/2017 Yes, R×BR> SBR> SBR>	R>Yes, 'Skin'),Wheal,Vaginal < swelling,Reddening of the	No Data	Suspected adverse reaction: On 06 Jan 17 at approx 3 p.m. a dog was succinated with Nobbuck SHPP and Nobbuck 12 insultaneously, and Nobbuck 12 containmensusly, and Nobbuck Torocurrently A approx 3.0 p.m. the dog vomitted on upon arrival at home (while getting out of the car, so the owners at first suspected dizziness due to the carried). At approx 4.0 p.m. the dogs Noweld storage facial swelling around eyes, mouth, flewsil, Norther 30 minutes later (approx 4.3 p.m.) the dog was presented to the vet again, which confirmed facial swelling and additionally noticed redefining of skin, swelling of other mucous membranes (sulva, sun) and a few wheals throughout the body. Circulatory system was wesk, capillary refit time more than 2 see, situation was also described as allegies; donk by the vet. The dog showden on bearting difficulties. The vet applied Medrate Soluble and physiological saline solution intraveneously. Thereafer, the swellings subsided quickly, only slight weelling of vulva and some wheals remaining. On the next day (or Jan) the dog had completely recovered and was doing fine. Note: Basic vaccination with the same three vaccines in Nova doe 2013 head been tolerated well. Case dosed. (Resont Vaccination of surferice 12EPCP4(CTC,ANGEMP,BART) last stand ROBINIVAL ESPIP SOLIDS 520 Reason: Vaccination (State of health: Good) (Good)	Pug ee :	6.5	Noblwat (4 - 1.N/AN/A / 24.once (66/61/2017) (66/01/2017) (8RS-Noblwas SHPP) - 1.N/AN/A / 24.once (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017) (06/01/2017)	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00092	Germany	Animal	Canine/dog	2 Year(s)	12/01/2017	13/01/2017	1 1	0 12/0	/2017 Yes, R×BR×	Bestlessness,Vomiting,Comulsion ruritus,Weakness,Shaking	,P No Data	SAR: On 12 Jan 17 a dog was succinated with Nobbuc SIPPR and Nobbuc 14 simultaneously by the reporting wet. Apport 5 hours after vaccination the dog all of a suden showed internee purificult, mainly at the head and neck area. The dog was re-presented to the attending vet. Examination of the ears was without findings. There was no swelling. Neterians whereapy with Precibiosophe, thereafter the student improved. When leaving the practice, the dog vomited once (mainly foam), let was then treated with instance and recleased home. Around 10 pm. that of by the day andex being frants; shall and according to owner showed slight cramping. On a phone call with the owner on 13 Jan the dog was stall lattle week, but otherwise had completely recovered again. Case closed, NOTE: First vaccination with same vaccines (date unknown) was tolerated well. [Reason for use for product; Generic; DHPPI U.S Brand, NOBNYAC_EMPPI SOLIDE SOR Beason Vaccination]. [State of health; Google.	Maitese e e ss	2.68	Nobivac L4 - 1.N/AN/A, 24,1 Dose Not applicable 1.Animal (12/01/2017 - 12/01/2017):RRN-BR-Nobivac SHPPI - 1.N/AN/A, 24,1 Dose Not applicable 1.Animal (12/01/2017- 12/01/2017):RRN-BR-	B - Possible	
NOBIVAC L4		Germany	Animal	Canine/dog	5 Month(s)	02/01/2017	16/01/2017	1 1	0 04/0	/2017 Yes	Skin lesion NOS Fewer pipection sit abscess/lipiction site swelling.nipicction site serous dicharge.nipicction site uccep.Panniculitis	e No Data	Septical adverse resistion. On 02 in n 12 one puppy was booster vascinated with Nobinex L by the reporting wit. The dogs was very impatient, to the vet vascinated the weigling dog in the area of the neck and not as usual laterally, On 05 an 12 the animal owner (purse) presented the dog to the view to again and reported, that the dog already developed a swelling at nigertion site on 04 an 12 followers eggitte, on 06 and sortich eggit size). The skin looked uscrated (skin lesion). The swelling was contrasted, only sorrors finled came out, not purseline. Treatment with antibilistics and Metacam, Betalasdoma and at home the owner insed the wound with Polividionol. Vet diagnosis at this time point: a baces after vaccination. On 7 and 72 the dog was presented as an emergency case again, the swelling became bigger: not with Metamional and Metacam, and soon improved. Until 9 Mer 2017 the swelling became bigger in diameter (6-10 cm, extended over the shoulder blades down to the front legs, swelling thickness of 3-cm, which seems similar to a panniculation, but not fluctuation in this rane, On the day of follow up report (18 an 17) the dog is still under treatment. Note: the dog came from Russis and did not react to the first basis excitation with Noblex (1,5 MPP and 1,5 MPP and	Bernese Mountain Dog	32.8 g	Nobwc L4 - J.N/A,N/A, 24,once (02/01/2017-02/01/2017)-8R>-8R>	A - Probable	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00098	Germany	Animal	Canine/dog	3 Month(s)	03/01/2017	17/01/2017	1 1	0 03/0	/2017 Yes, R>BR>< BR>BR>CBR>	R>Yes, oedema,Breathing difficulty,Face < and neck swelling (see also 'Skin')	No Data	Supercited adverse reactions: Jupapy was vaccinated with Noblwac SHPR, Noblwac L4 and Noblwac T (unknown of simultaneously or concurrently) on 23 and 7.3 bood 21 his later; lives presented to vet again with signs of anaphylaxis: swelling of head, eyes and neck and shortness of breath. Treatment with Cortisone and thereafter day some recovered. Attending yet's level of sugription is prohable – A. Note: the day was basic vaccinated at the breeder with unknown vaccines. Case linked with 2017-DE- 00099, 2017-DE-0000, same practice. Ceac loosed. [Reason for use for product. Genetic: DHPP 1021-DE- 91099, 2017-DE-0010, same practice. Ceac loosed. [Reason for use for product. Genetic: DHPP 1021-DE-0010, and practice. Vaccination Genetic: LEPTO*4[LT.CAM,GRIPP.BBAT] KB Brank NOBINE.C SIOXIDS-540 Reason: Vaccination Genetic: LEPTO*4[LT.CAM,GRIPP.BBAT] KB Brank NOBINE.C SIOXIDS-540 Reason: Vaccination [Senter CRABIES IN ALLI ADJUVANT KV Brand: NOBINAC T SOXIDS 620 Reason: Vaccination] [State of health: Unknown]	Chihuahua	Not Known	Nobiwac L4 - 1,N/A,N/A, 24,once (03/01/2017)-RB>-SBR>Nobiwac SHPPI - 1,N/A,N/A, 24,once (03/01/2017)-RB>-SBR>Nobiwac T - 1,N/A,N/A, 24,once (03/01/2017)-GBR>-CBR>Nobiwac T - 1,N/A,N/A, 24,once (03/01/2017)-GBR>-CBR>-CBR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00099	Germany	Animal	Canine/dog	12 Month(s)	16/01/2017	17/01/2017	1 1	0 16/0	/2017 Yes, R> < BR> 	R>Yes, (see also 'Skin'),Localised itching <	ng No Data	Supported adverse reaction: 1 dog (Lagotto Romagoloo) was vaccinated with Nobivac SIPP), Nobivac Lagotto (Indination and Carlo Activation of Sinuti. 12-Activation of Sinutian of Si	Other Canine/dog	20	Nobinac L4 - 1,N/A,N/A, 24,once [16/01/2017-16/01/2017-18/N-QR-N-Nobinac SHPPI - 1,N/A,N/A, 24,once [16/01/2017-18/N-QR-Nobinac T-1,N/A,N/A, 24,once (16/01/2017-16/01/2017-8R-Nobinac T-1,N/A,N/A, 24,once (16/01/2017-16/01/2017)-8R- 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00100	Germany	Animal	Canine/dog	Not Known	01/11/2015	17/01/2017	1 1	0 01/1	/2015 Yes, R×BR>< <br<br< td=""><td> <</td><td>ng No Data</td><td>sepected adverse reaction Vet reported a case which happened to the dog of her nurse. The dog (Inhanian) was occurred with Nobels SPIRY, Nobrous, et and Nobrous Tan Nov 2015 in nother to pactice. About 1-2 hrs later dog showed signs of anaphylaxis; soollen head. When the dog was reaccinated on 55 an 2017 with Nobels SPIPP and Nobrous C. It, did not show any reactions. Attending we's level of suspicion is probable – A Note: case linked to 2017-DE-00098, 2017-DE-00099 same practice. Case closed. (Reason for use for product. Generic: CMPP IV SMG NOBING-SPIP SOXIDS 500 Reason: Vaccination Generic: LEPTO-48(T.CAM, GRIPP-BRAT) KB Brands. NOBING-LIA 50XIDS 504 Reason: Vaccination Generic: RABIES IN ALIA JOJUVANT KV Brand: NOBING-CT 50XIDS 620 Reason: Vaccination (Series: RABIES IN ALIA JOJUVANT KV Brand: NOBING-CT 50XIDS 620 Reason: Vaccination) (State of health: Unknown)</td><td>Chihuahua</td><td>Not Known</td><td>Nobivac L4 - 1,N/A,N/A,24,once (01/11/2015- 01/11/2015)-ERR-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (01/11/2015)-ERR-CERN-Nobivac T - 1,N/A,N/A,24,once (01/11/2015- 01/11/2015)-ERR-CERN-</td><td>B - Possible</td><td></td></br<br<>	 <	ng No Data	sepected adverse reaction Vet reported a case which happened to the dog of her nurse. The dog (Inhanian) was occurred with Nobels SPIRY, Nobrous, et and Nobrous Tan Nov 2015 in nother to pactice. About 1-2 hrs later dog showed signs of anaphylaxis; soollen head. When the dog was reaccinated on 55 an 2017 with Nobels SPIPP and Nobrous C. It, did not show any reactions. Attending we's level of suspicion is probable – A Note: case linked to 2017-DE-00098, 2017-DE-00099 same practice. Case closed. (Reason for use for product. Generic: CMPP IV SMG NOBING-SPIP SOXIDS 500 Reason: Vaccination Generic: LEPTO-48(T.CAM, GRIPP-BRAT) KB Brands. NOBING-LIA 50XIDS 504 Reason: Vaccination Generic: RABIES IN ALIA JOJUVANT KV Brand: NOBING-CT 50XIDS 620 Reason: Vaccination (Series: RABIES IN ALIA JOJUVANT KV Brand: NOBING-CT 50XIDS 620 Reason: Vaccination) (State of health: Unknown)	Chihuahua	Not Known	Nobivac L4 - 1,N/A,N/A,24,once (01/11/2015- 01/11/2015)-ERR-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (01/11/2015)-ERR-CERN-Nobivac T - 1,N/A,N/A,24,once (01/11/2015- 01/11/2015)-ERR-CERN-	B - Possible	

	DEU-MERCKMSD-2017-DE-00140 DEU-MERCKMSD-2017-DE-00144	Germany	Animal	Canine/dog	3 Month(s) 12 Week(s)	29/12/2016	23/01/2017	1 1		D16 Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	8 Increased heart	No Data	SAP. A Mein Australian Shepherd puppy was vaccinated buics with Nobius SHPPI and Nobius L1 simultaneously, and Nobius C Tourcurrently on 0.1 Dec 2016 (pee Index case 2017-01-00168) and on 20 Dec 2016 for holes accination. Previous vaccination with sweets of age had been performed by the breeder with unknown vaccines. Approx two days after both vaccinations the days showed consulties estimates. First time (approx 0.1 Dec 2016) it was only 1-short episode on one day and the do recovered again. Therefore, the owners had not presented the days to wet. The second time (from approx 31 Dec Comerand) was more severe. The days showed multiple short setumes for 12 a days. The day was presented to the vet on 0.2 Ian 2017 and was treated with Disaspam injection. Complete recovery approx on 0.3 lan 2017, no setumes since then and the days is doing fine. On 12 ian 2017 bloods were taken for examination of MDR-1 gene defect and result was 4-f. Intercorapsous, The vet sassessment is Our Loussidhed. Case closed. (Reason for user for product. Generic. DiPPI I.V Branch NOBINAC 5-SPD SOXIDS 500 Reasons. Vaccination Generic. LBPTO*4QTC.FAM/SRIPP.BBATI, KB Brand NOBINAC 1-5 SOXIDS 500 Reasons. Vaccination (Senter Case of Apple 1) and 17 with Nobius 4-5PP Intercorapsous, Intercept Suspected adverse reaction: 1 day (Chihushhau) was vaccinated on 20 Jan 17 with Nobius 4-5PP Intercept Nobius C4 is imitation easy feet reproducts (Generic Chinshown) if breathing difficulties courself. Vet treatment with Predictions performed. After 7 own in conditional periorement and The day was released home, and the owner doint get back to the vet so she assumes recovery on 20 Jan 2017. Attending the contraction is proabled.	Not Applicable 8 Chihushua 5 Chi		Nobivac 14 - 1.N/A,N/A, 24.1 Dose Not applicable 1.Animal [29/12/2016- 29/12/2	OX - Inconclusive OX - Prossible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00145	Germany	Animal	Canine/dog	4 Month(s)	23/01/2017	23/01/2017	1 1	. 0 23/01/2	017 Yes, BR>< R> Ye		No Data	practice, different dog, similar reaction. Case closed (Reason for use for product: Generic: DHPPI LY BRIAN NOBNICA'S EPPS SOUTIS 202 Reason: Basic immunisation Generic: LEPTO'40[CT_CAM_GRIPP_BRAT] SB Brank: NOBINICA L4 SDXIDS 540 Reason: Basic immunisation) Silate of health Good! Suspected adverse reaction: 1 dog (Ministure Princher) was vaccinated on 23 Jan 17 with Nobbusc SMPPI and Nobbusc L4 simultaneously by the reporting vet. 2 -3 hours after vaccination the dog shows a reduced general health status, weakness, and swollen face (unknown) fibreathing difficulties occurred). Vet treatment with Predictions performed, After 30 min considerable improvement sense. The dog was released home, and the owner ddn't get back to the vet so she assumes recovery on 23 Jan 17. Attending was 's level of suspicions' is probable ~ A. Eas leviled to 1021/D-00144, same practice same product, similar reaction, different dog. Case closed. [Reason for use for product: Generic: UPPI LY Branch NORIVICE SMPP SIDXIDS 620 Reasons looser vaccination femeric: LEPTO'40[CT_CAM_GRIPP_BRAT] JB Brank: NOBIVAC L4 SDX1DS 540 Reason: Booster vaccination]	Miniature i Pinscher	1.46	Nobiwa: L4-1.N/A,N/A, 24,once (23/01/2017- 23/01/2017-818-Nobiwa: SHPP1-1.N/AN/A, 24,once (23/01/2017-23/01/2017)+88~48P>	B - Possible	
	DEU-MERCKMSD-2017-DE-00146	Germany	Animal	Canine/dog	3 Month(s)	01/12/2016		1 1		J16 Yes, BR> R>-BR>BR>Ye BR>BR>BR>Yes	s <	No Data	SAR: A Min Australian Shepherd puppy was vaccinated twice with Noblack SHPPI and Nobback 14 simultaneously, and Nobback 15 minultaneously, and Nobback 16 minultaneously after both vaccinations the dog showed convolute setures. First time (paprox 03 be 2016) it was only 14 both vaccinations the dog showed convolute setures. First time (paprox 03 be 2016) it was only 14 both vaccinations the dog showed convolute again. Therefore, he owners had not presented the dog to a vet. The second time (from approx 31 bec nowards) was more severe. The dog showed multigle short sciences for 20 days. The dog was presented to the veto not 21 an 2017 and was treated with Diazepam injection. Complete recovery approx on 03 Jan 2017, no setures since defect and result was +f- Theretoxypousl. The vet's assessment is O unclassified. Case closed. (Reaso for use for product. Generic: DHPI V Brand. NOBINAC L4 SOXIDS 540 Reason: Vaccination Generic: EEPTO*4(ICT_CAN_GEIPPB/BAT) XB Brand. NOBINAC L4 SOXIDS 540 Reason: Vaccination [Isate o health: Good]	Other Canine/dog		Nobwa (1.4 - 1.N/A,N/A, 2.4) Dose Not applicable 1.4 ninnial (01/12/2016-01/12/2016-01/12/2016-01/12/2016-01-01/12/2016-01-01/12/2016-01-01/12/2016-01/12/	O - Unclassifiable/unassessa ble	
	DEU-MERCKMSD-2017-DE-00153	Germany	Animal	Canine/dog	7 Year(s)	03/12/2016	24/01/2017	1 1	0 09/01/2	Known, -BR>-BR>-BR>- R>-BR>-BR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR> a 6.	No Data	Supperted adverse reaction: I dog was vaccinated with Nobhusz SIPPI and Nobivac L simultaneousl and Nobivac T concurrently on 3D De to by the reporting year. According to owner the dog started to show symptoms 2 weeks after vaccination, but was first presented to attending vet on 09 and 17. Several crust sweep found on the entire bod of the dog (diameter approx. size of 17 zoin), which were inflamed, littly and painful. After removing the crusts, little wholes were visible (like moth diamage). Since the dog nignily came from passin, several traved disease were checked, but results were negative. No further dermal diagnostics were performed. The dog received antibiotics and symptoms slowly started to improve. Attending vets level of suppicion is unclassified = O. Note: the dog is not known to be allergic and no food change was done. The dog also regularly receives Milpro for deworming. Ease closed. Reason for use for product: Generic-IDPPIP IV START NOBINAC SIAP SIAD SIAD SIAD SIAD SIAD SIAD SIAD SIAD	r Crossbred	30	Milgro - N/LN/LN/LN/L, 2LUkhrown Unknown 1 Anima (1/U1/2/016-01/01/2/016-0R8IB-Nebbwic L4 - 1/N/N/LN/LN/LN/LN/LN/LN/LN/LN/LN/LN/LN/LN	O - Unclassifiable/unassessa ble	
	DEU-MERCKMSD-2017-DE-00174	Germany	Animal		11 Week(s)		02/02/2017	3 2	0 10/01/:	Known, <br Not Known</br </b 	 recumbency,Localised rash,Stiff gait,Falarged lymph node (localised),Juvenile cellulitis (puppy strangles) 	Not Known	SAR: The case was reported by animal breeder: On 9 Jan 2017 a litter of 3 puppies was succinated with Nobboac SHP9 and Nobboac L4. Two animals showed reactions: Animal one, femiles, suddenly showed stiff gait, lateral recumbency with salivation approx. 12 days after vaccination. Blood was examined without finding (liver values also ok). The dog was treated at a clinic with finding on overnight and completely recovered the next day. Animal two, male, showed a rash at the ears, increased body temperature and increased size of mandbular hymph onder 23 days after vaccination. Despite of treatment with cortisone and antiblotics no improvement, so dermatologist was contacted Diagnosis juvenile cellulist (popy strangles), hymphadestix; Dog still under treatment with cortisone and Claivaseptin. Case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPPI 1001505 122 Reason: Vaccination Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (Generic: EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccination (EPTO*/LECT.CAM, GRIPP/BRAT) KB Brand: NOBIVAC L4 IDXIDS 540 Reason: Vaccina	n Crossbred	8	Nobiact 14-1N/A,N/A, 24,1 Dose (95/01/2017)- (99/01/2017)-8R><8R>Nobivac SHPP1-1N/A,N/A, 24,1 Dose 1 Animal (99/01/2017)- (99/01/2017)-8R><8R>	O - Unclassifiable/unassessa ble	
NOBIVAC L4		Germany	Animal		3 Month(s)		03/02/2017	1 1	0 31/01/2	R>BR>BR>Ye BR>BR>BR>Yes BR>Yes	s, (see also 'Skin') <		and Noblava T on 31 Jan 17.3 min after vaccination the dog showed storing facial swelling, but without treating infirtualies. Vit resonant with Int. injection of Peasamethasion was initiated. The dog stayed 2-3 hours in the practice and was fully recovered in the evening of the same day. Case closed. [Reason for use for product: Generic: DIPPPI LV Brand: NOBIAVC SHIPP 10XIDS 122 Reason Vaccination Generic: EIPPO*4[CT_CAN, GRIPPBART] XIS Brain* NOBIAVC SHIDDS 540 Reason: Vaccination Generic: RABIES IN AUL ADJUVANT KV Brand: NOBIAVCT 10XIDS 620 Reason: Vaccination Generic: RABIES IN AUL ADJUVANT KV Brand: NOBIAVCT 10XIDS 620 Reason: Vaccination (15 Start of health Good)	Canine/dog	3	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (31/01/2017- 31/01/2017)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose (31/01/2017- 31/01/2017)-BR> Nobivac T - 1,N/A,N/A ,24,1 Dose (31/01/2017- 31/01/2017)-BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00200	Germany	Animal	Canine/dog	5 Year(s)	03/02/2017	06/02/2017	1 1	. 1 04/02/:	017 Yes, <brx-kbx-k R-XBRX-BRX-YB <brx-brx-br BRX-BRX-YES</brx-brx-br </brx-kbx-k 	B Discus prolapse, Death by , cuthanasia, Paralysis	No Data	SAR: 1 dog was routinely succinated with Nobbus C1FPP, Nobbus C1 4 and Nobbus C roccurrently on D Feb 17. Next day of showed paralysis, starting at the hird legs, but the situation worsened progressively until that dog routel just move his head. The dog was transferred to a vet clinic on D5 F 17. where the dog had to be ventillated ince because additionally paralysis of reprintative muscles occurred. Yet treatment with Cortisone was initiated. Attending vet suspects Polyradikuloneumits or cervical Inemitted disc, Tollow up from 07 be 2017. NRT use performed and revenied an acute high grade disc protrusion between C1 and C3, which, according to the attending vet, is what they suspects (Resound rouse F product. Generic Definer) us fraint Noblanck SPPP 10012.32 Passion: Vaccination Generic LEFTO* 4(IFT,CAN,GRIPP_BBAT) 18. Brand: NOBIVAC L1 2001D5 540 Reason: Vaccination Generic LEFTO* 4(IFT,CAN,GRIPP_BBAT) 18. Brand: NOBIVAC L1 2001D5 540 Reason: Vaccination [Sater cRallEST) NAL UNIVANT KV Brand: NOBIVAC T 10X1D5 620 Reason: Vaccination [Sater of health: Good]	B French Buildog b d	13	Nobbac L4 - 1,N/A/N, 2,41 Dose (93/02/2017 - 03/02/2017)-BRBR-Nobbwo SHPPI - 1,N/AN/A, 2,41 Dose (03/02/2017 - 03/02/2017)-BRBR-Nobbwac T - 1,N/AN/A, 2,41 Dose (03/02/2017 - 03/02/201	N - Unlikely	

NOBIVAC L4		Germany	Animal	Canine/dog	3 Month(s)	27/01/2017	03/02/2017	1 1	0 27/01/	R> 		No Data	Supercted adverse reaction: I puppy was vaccinated with Nobivac SIPP3 and Nobivac L4 simultaneously or J2 and 17 by the reporting vet. 1 hour after vaccination the dog shwed strong head swelling and breathing difficulties and fever. The owners went to the emergency vet clinic and vet treatment with an antibitanisme and Contisone was performed. On 28 in 17 the dogs was recovered again. Attending vet's level of suspicion is probable –A. Case closed. [Reason for use for product: Generic: DIPP1 V [107] and DIPP3 (MSDE) SAD (SES) and SES) (SES) (French Bulldog	3.7	Nobivac L4 - 1,N/A,N/A, 24,once (27/01/2017- 27/01/2017-BR> Nobivac SHPPI - 1,N/A,N/A, 24,once (27/01/2017-27/01/2017)	B - Possible	
		Germany	Animal	Canine/dog		03/02/2015	06/02/2017	1 1	0 04/02/	R×BR×BR× «BR×BR×B BR×BR>Yes	×		Suspected adverse reaction: I dog was succinated on 3 Feb 15 with Nobwac PI and Nobwac L4 and on 22 Feb 16 with Nobwac SFIPP and Nobbuc L4. Both times apport. 1 day after vaccination the dog showed complete deafness. No treatment was performed and the dog completely recovered both times apport. after 1 week. Attending ver's level of suspicion to possible = 8. Note on 03 Feb 17 Nobbusc T was administered without any problems. The dog was already vaccinated on 5 Feb 14 with Nobbusc SFIPP, Robbusc L6 and Nobwac T and on 15 May 14 with Nobbus L6 without any problems. Case closed. Reason for use for product Generic: DIPPI 1 Warnath NoBIVAC PEPI SOLIDE 540 Reason: Vaccination Generic: CLIPPI OF PARAINFLUENZAL IV Brand: NOBIVAC P1 SOLIDE 540 Reason: Vaccination Generic: CLIPPI PARAINFLUENZAL IV Brand: NOBIVAC P1 SOLIDE 540 Reason: Vaccination Generic: CLIPPI CARD.	Munsterlander		Nobiwac L4 - 1,N/A/N/A_24,once (12 Month(s) 30/2/2015- 22/02/2016)+GBR->BR-Nobiwac Pi-1,N/A/N/A_24,once (30/20/2015)-GBR->GBR-Nobiwac SHPPI - 1,N/A/N/A_24,once (22/02/2016-22/02/2016)+GBR>>BR>		
	DEU-MERCKMSO-2017-DE-00217	Germany	Animal	Canine/dog		06/02/2017		1 1	0 06/02/	R> YBR>YBS	×		Supereted adverse reaction: One dog was vaccinated simultaneously with Noblwac SHPP and Noblwac Ld and concurrently with Noblwac To Refs 17 by the reporting vet. Approx. 30 minutes after vaccination the dog showed facial oedema, restlessness and vomiting lapprox. 3 times). Body temperature was not increased, no respiratory symptoms. The dog was treated with Headersone and recovered until the next day. Note: the dog is very sensitive and starts vomiting when stressed, therefor the vet suggests the womiting was caused by restlessness. Case closed (Reason for use for product: Generic: DHPPI LV Branch NOBIVAC SHPPI SOXIDS 620 Reason: Vaccination Generic: EETO*4IUT_CARAPRIPRART NB BRANCH NOBIVAC SHPPI SOXIDS 630 Reason vaccination Generic: RABIES IN ALU ADILIVANT INV Brand: NOBIVAC 15 DXIDS 620. Reason: Vaccination] [State of health: Glood]	Jack Russell Terrier	7.85	Nobiwa L4 - 1,N/A,N/A, 24,once (06/02/2017)<-BR>- -Nobiwac SHPN-1,1,N/A,N/A, 24,once (06/02/2017)<-BR>- -Nobiwac SHPN-1,1,N/A,N/A, 24,once (06/02/2017)<-BR>- -Nobiwac T-1,N/A,N/A, 24,once (06/02/2017)<-BR>- -Nobiwac T-1,N/A,N/A, 24,once (06/02/2017)<-BR>- - - - - - - 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00237	Germany	Animal	Canine/dog	12 Week(s)	26/01/2017	08/02/2017	1 1	0 26/01/		es, difficulty,Tiredness,Vomiting,Facial	No Data	Suspected adverse reaction: On 26 Jan 17 one dog was vaccinated simulaneously with Nobbuck SHPPI and Nobbuck 1.4 few hours later festimated gars 3 hours) the owner called at the practice because the dog showed facial swelling, vontining and impaired breathing. Truthermore the dog was titled and weeks. At the owner is a naise and evaluated the situation as not being life-threatening, she monitored the dog (capillary filing time not increased) and after 65 minutes the dog started to improve without treatment. The next style he dog fact completely recovened. Case closed. [Reason for use for product: Generic: DHPP I V Brand NOBINAC SHPP SIXILDS 520 Reason: Vaccination Generic: LEPTO-4[VICT.DAGPIP BART) IS BRAND ROWARD SHORE SALE SHE SHE SHE SHE SHE SHE SHE SHE SHE SH	Hungarian Short-haired Pointing Dog (Vizsla)	9.7	Nobiwac L4 - 1,N/A/N/A,24,once [26/01/2017-28/01/2017\cdot R8-\cdot R8-\cdot R8-\cdot R8-\cdot R9-\cdot R8-\cdot R8-\cdot R9-\cdot R9-\cdot R8-\cdot R8-\cdot R9-\cdot R9-\cdo	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00242	Germany	Animal	Canine/dog	16 Year(s)	08/11/2016	10/02/2017	1 1	1 08/11/	Not Known, - > <br-4br>- Not Known</br-4br>		Not Known	Supected adverse reaction: On 8 Nov 15 in one dog was vaccinated simultaneously with Noblous SMPP and Noblous, clinto the right growth. During injection the dog showed severe vocalization. Also afterwards vocalization was observed and furthermore the dog showed painful injection site welling and limping on the right held imb. During right and morning of the next day the dog suddenly started with high-grade vocalization, have been thunched back and uncortrolled unistantion containing blood. A cinicx expand blood examination showed no findings, so dog was treated with morphine against pain, which showed no efficacy. So the owner went to the vaccinating verta and there the dog received another pain medication, which also showed no efficacy. In the evening the dog was euthanized. Note: in summer/autuma 2016 the dog already showed blood in uniter and so was treated with antibiotics against cystilis. At time of vaccination no more symptoms of cystilis were observed, but no diagnostics were performed. According to attending vert. no more defication occurred after the vaccination. Circulatory system and general health status of the dog were always fine. The dog showed in the past on and off blood in the faces, therefore supplicant of the owner of the past of the owner of the past of the pa	Crossbred	13.6	Nobhac L4 - 1 N/N,N/A 24,once (08/11/2016 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016 - 08/11/2016	B- Possible	
		,	Animal	Canine/dog		28/12/2016		1 1		R×BR×BR>			Suspected adverse neaction: 1 dag was vaccinated with Nobiwac SHPP and Nobiwac L4 for the first time on 28 Dec 16, Approx 30 amin later the ogls phoweth light grade purtuits (and nead /ear shaking due to purtuits), multiple vomiting and trembling. The dog was presented to the vet approx 2 hours later with ongoing symptoms. During wet examination no other clinical findings (circulatory system, respiratory tract and skin were incorrapicuous). The vet applied Predisiooline and approx 30 min later the dog had fully recovered. Note: case is linked to 2017-DE-00354 (same practise). Case closed. (Reason for use for product: Genefic DePPI): UP arran N. DRIVAC SHPP SORIDS 207 Reason: Vaccination Genefic: EEPTO*4(ICF_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination Genefic: EEPTO*4(ICF_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 SOXIDS 540 Reason:	Chihuahua		(28/12/2016;-BR> Nobivac 28/12/2016;-BR> Nobivac SHPPI - 1,N/A,N/A,24,once (28/12/2016-28/12/2016)-BR> 	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2037-DE-00301	Germany	Animal	Canine/dog	3 Month(s)	20/02/2017	08/03/2017	1 1	0 20/02/	017 Yes, 685-288 R-288-268, 486-488-48 BR-488-Yes		No Data	SAR: On DO Teb 2017 a 14-week old puppy was vaccinated with Noblwas C4 simultaneously and tolobar C1 concurrent. Previous vaccination approx 4 weeks before had been performed with non-company vaccines. On the evening of during the right of the same day the dog showed multiple eighetic selurus with lasted approx 0.5 to 1 minute, in total approx 15 to e episodes. After each seture the dog showed vocalization and involuntary movement forwards (as if he wanted to run away) and had to be held down for approx another minute, the released Breaks between the setures varied from about 10 minutes to 2 hours. The dog was presented to the vet in the next setures varied from about 10 minutes to 2 hours. The dog was presented to the vet in the next setures varied from about 10 minutes to 2 hours. The dog was presented to the vet in the next setures varied from about 10 minutes to 2 hours. The dog was presented to the vet in the next setures varied from about 10 minutes to 2 hours. The dog was presented to the vet in the next amount of the contract of the variety of the contract of the contract of the variety of the variety of the variety of the vet of the variety of the variety of the vet of th	Labrador Retriever	10	Nobbac L4 - 1.N/N/N A 24.1 Dos 1 Animal (20/02/2017)-eBR-Nobbac SHPP - 1.N/N/A 24.1 Dos 1 Animal (20/02/2017)-eBR-Nobbac T- 1.N/A 24.1 Dos 1 Animal (20/02/2017- 20/02/2017)-EBR-Nobbac T - 1.N/A N/A 24.1 Dos 1 Animal (20/02/2017-20/02/2017)-EBR-BRP	U3 - Inconclusive	

NOBIVAC L4		Germany	Animal	Canine/dog	8 Week(s)	20/02/2017	23/02/2017	7	7 0	21/02/2017	Not Known,
 <rp> Not Known</rp></br 	Weakness, Diarrhoea, Bloody diarrhoea	Not Known	Suspected adverse reaction: A litter of pupples was vaccinated with Nobius SHPP and Nobius C LI (unknown if similarnously or concurrently) no 21 neb 2017 in 0.21 Eeb 2017 in the evening all pupple showed strong diarrhea and weakness. Since 22 Feb 2012 in the evening the diarrhea is bloody (first- blood) diarrhea. Fescal samples had been forwardef for examinations/diagnostics. Note: before the vaccination the pupples showed normal faeces. According to the vet, who vaccinated the pupples, the owner didn't report to her about the diarrhea and also didn't forward any faecal samples for further examination. The attending vet didn't see the concerned animals. Case linded to 2017-06-0303s, amme reaction, same owner, same practice. Case closed. [Reason for use for product: Generic: DHPPI LV BRIAN KOBRING-SEPP SOLDIS SOR BROOMS also illustrations Generic: LEPTO*QICT_CAN_GRIPP_BRAT] KIB Brand: NOBIVAC L4 SOXLDS 540. Reason: Basic immunization] (State of health: Case)	Bulldog	3	Nobivac L4 - 1,1/LN/IA/A_24,once (20/02/2017- (20/02/2017-8B->Mobivac SHPP - 1,1/A/A,24,once (20/02/2017-20/02/2017)-6BR>-BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00326	Germany	Animal	Canine/dog	8 Week(s)	01/01/2016	23/02/2017	7	7 0	01/01/2016	Not Known,
 Not Known</br 	Diarrhoea, Weakness, Bloody diarrhoea	Not Known	Suspected adverse reaction: While reporting a different case (for reference see 2017-0E-00333) the owner mentioned that in her previous little of 7 animals strong diamhes occurred after vaccination with Nobiuxc 5HPPI and Nobiuxc 14. Various facetal sample diagnosts that been performed and residued negative for various pathogens [Panov, various paratiles, Gardia]. It look approx 4 weeks to 2 months until all pupples were recovered again. No sonogram abdomen or blood analysis was performed now. The attending vet responded that in that case it took very long for recovery, but the diamrhee occurred approx 1 to 2 weeks after vaccination when the pupples already had been in their new homes (reporting owner is a breefed; Class closed, Rescan for use for product. Generic: DIFFL LEFTO*4(CT_CAN_GRIPP BART) 128 Brain: NOBIVAC L4 50X105 540 Resions Basic immunization) State of health: Unknown!	Bulldog	Not Known	Nobivac L4 - 1,V/A/N/A_24,once (01/01/2016 01/01/2016) -BR>Nobivac SHPFI - 1,N/A,N/A_24,once (01/01/2016-01/01/2016) >BR>	O1 - Inconclusive	
	DEU-MERCKMSD-2017-DE-0034S	Germany	Animal	Canine/dog	9 Year(s)	23/02/2017	28/02/2017	1	1 0	24/02/2017	Not Known, Not Known	Injection site swelling.Mastitis NOS,Fever,Letharty (see also Central nervous system depression in 'Neurological')	Not Known	S86: Do 27 reb 2017 a dag was succinated with Nobivac L4 and Nobivac P1 simultaneously. A veterinary examination prior to vaccination was not possible, because the dog is not easy to handle; does not tolerate to be touched, but according to the vet from visual inspection and by questioning the owner, no evidence for disease was seen. On the next day (24 feet) the dog was bettering; which did not improve the following days. On 26 feet the dog's body temperature was elevated. When presented to the vet on 27 feet he dog was selected for examination with bormion. It had high free (4) 60°13 and there was a swelling as broad as a hand pales now the homeon of the presented to the vet on 27 feet he dog was selected for examination with bormion. It had high free (4) 60°13 and there was a swelling as broad as a hand pales now the reached from the injection size as that fight flank down to one of the mammary completes the same size in the diagnosed transition with an antilistict, an NSAID, registol tablets and Traumeel cintents. In the evening of the same day the dog was already configuration of the contraction of the contraction of the contraction of the dog was already 626 Reason. Vaccination Generic LEPTOP (41CT_CAN_GRIP_BRAT) USB Brand: NOBIVAC L4 SOXLDS 540 Reason. Vaccination] (State of health: Unknown)	Border Collie e e tt	19.9	Nobiwa (14 - 1.N/N/N 24) Dose 1 Amima (123/02/10-10) 23/02/2017-6RR-RBN-Nobiwac Pi -1.N/N/N/2 A2 10 bos 1 Animal (23/02/2017-23/02/2017)+8R>→8R>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00350	Germany	Animal	Canine/dog	12 Week(s)	06/09/2016	02/03/2017	1	1 0	06/09/2016	Not Known, <br×br< td=""><td>Diarrhoea,Fatigue,Vomiting</td><td>Not Known</td><td>SAR: One dag was vaccinated with Nobbuc SHPP, Nobbuc L4 and Nobbuc T on 6 Sept 2016. Approx. In hours after contains the dog started to show hard controllable damnes and worming which isated for 1.2 hours. Afterwards the dog showed fatigue but had recovered the next day. Case is linke to 2017-06-0035 [minimal reaction new vaccination,] [Reason for use for product. Generic: HPPI VB Brand: NOBINAC SHPPI 100TLG 122 Reason: Vaccination Generic: LEPTO*4[ICT_CAN_GRIPP_BRAT] SR Brand: NOBINAC L1 010015-501 Reason: Vaccination [Generic: ABRIES IN ALL JOLUVANT KV] Brand: NOBINAC T 10XIDS 620 Reason: Vaccination] [State of health: Unknown]</td><td>Other Canine/dog</td><td>10</td><td>Nobivac L4 - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2016)-BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose (1 Day(s) 06/09/2016- 06/09/2016)-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2015-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2015-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016-</td><td>B - Possible</td><td></td></br×br<>	Diarrhoea,Fatigue,Vomiting	Not Known	SAR: One dag was vaccinated with Nobbuc SHPP, Nobbuc L4 and Nobbuc T on 6 Sept 2016. Approx. In hours after contains the dog started to show hard controllable damnes and worming which isated for 1.2 hours. Afterwards the dog showed fatigue but had recovered the next day. Case is linke to 2017-06-0035 [minimal reaction new vaccination,] [Reason for use for product. Generic: HPPI VB Brand: NOBINAC SHPPI 100TLG 122 Reason: Vaccination Generic: LEPTO*4[ICT_CAN_GRIPP_BRAT] SR Brand: NOBINAC L1 010015-501 Reason: Vaccination [Generic: ABRIES IN ALL JOLUVANT KV] Brand: NOBINAC T 10XIDS 620 Reason: Vaccination] [State of health: Unknown]	Other Canine/dog	10	Nobivac L4 - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2016)-BR> Nobivac SHPPI - 1,N/A,N/A, 24,1 Dose (1 Day(s) 06/09/2016- 06/09/2016)-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2015-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016- 06/09/2015-BR> Nobivac T - 1,N/A,N/A, 24,1 Dose (06/09/2016-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00351	Germany	Animal	Canine/dog	3 Month(s)	30/09/2016	02/03/2017	1	1 0	30/09/2016	Not Known,
 Not Known,
 Not Known</br </br 	Anaphylaxis,Facial oedema,Dermatitis	Not Known	SAR. One day was vaccinated with Nobback SHPP, Nobbac Lt and Nobback T on 30 Sept 2016. On	Other Canine/dog	10	Nobinot L4 - 1,N/AN/A, 24,1 Dose (30/09/2016-30/09/2016-8R>Nobinot SHPPI - 1,N/AN/A, 24,1 Dose (30/09/2016-1,N/AN/A, 24,1 Dose (30/09/2016-30/09/2016-8R>Nobinot T - 1,N/AN/A, 24,1 Dose (30/09/2016-30/09/2016-8R><	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00358	Germany	Animal	Canine/dog	3 Month(s)	21/02/2017	02/03/2017	1	1 0	21/02/2017	Yes, <b R>BR> Yes, BR> BR> Yes</b 	Facial swelling (see also Skin'),Emesis (multiple),Oedema NOS (see other SOCs for specific oedemas),Urticaria	No Data	Supercited adverser exection: On 21 Feb 2017 one dog was vaccinated with Nobivac SHPPF and Nobivac 14 simultaneously and Nobivac T concurrently, Approx. 6 sminters after vaccination the dog was represented to the vet due to facial swelling, especially at the eyes. The dog received infusion, contisone, diphenhydramine and calcium. Despite of this, the reaction first worsende (doedma at the entire body, utilicaria, womiting every 5 minutes). The dog slowly improved and after 3 hours of treatment the animal was sent home. The next day the dog blad completely recovered. Attending vet's level of suspicion is probable a. A Case Closed. Reason for use for product: Generic DIPP9 IX V Bardan NOBIAN-SEPP SOIDES 620 Reason Vaccination Generic EMP3 (PACIA, GRIEP)RARIA Bar Bardan NOBIAN-SEPP SOIDES 620 Reason Vaccination Generic MABIES IN ALU ADULYNAT IX* Bardan NOBIAN-SEPP SOIDES 620 Reason Vaccination Generic MABIES IN ALU ADULYNAT IX* Bardan NOBIAN-SEPP SOIDES 620 Reason Vaccination (State of health. Good)	Crossbred	3.4	Nobiwa C4 - 1,N/A,N/A, 24,once (21/02/2017-21/02/2017-19/RP>-SR>Nobiwa SHPPI - 1,N/A,N/A, 24,once (21/02/2017-21/02/2017-8R>-Nobiwa T - 1,N/A,N/A, 24,once (21/02/2017-21/02/2017-8R>-SR>Nobiwa T - 1,N/A,N/A, 24,once (21/02/2017-21/02/2017-8R>-SR>	B - Possible	
	DEU-MERCKMSD-2017-DE-00364	Germany	Animal			13/02/2017	10/03/2017	3			R> Yes			SIEE 19 pages from one IIIIEr (Preef: Labrador retriever: Maramero-Mal), living in the same region, were vaccinated simulaneously with Nobuco-SPPP and Nobuco L4 on 13 Jan 2017 and 31 Teb 2017. One puppy started to show vomiting and severe diarrhoes on 25/26 Feb 2017. A second puppy started to show the same symptoms as few sky size in: The third puppy is not affected, both affected puppies were treated symptomatically with infusion, Vetaligin, Metronidazol, Cerenia without success. The animals were brought to a vet clinic for off their the retainment as general health condition was very poor. Parvovirois is suspected. Note: The father (grudd ogl of the IIII.e., with a size of the support of the size of the	it d	Not Known	Not applicable 1 Animal (12/10/2017) (12/10/2017) (12/10/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017) (13/02/2017)	N - Unlikely	
NOBIVAC L4	DEU-MERCIMSD-2017-DE-00397	Germany	Animal	Canine/dog	5 Year(s)	23/02/2017	09/03/2017	1	1 0	04/03/2017	Not Known,
 BR Not Known</br 	tack of efficacy (distemper virus)	Not Known	Superted lack of expected ifficacy. 1 dog was vascriated with Nobbus CSIPF) and Nobbus L1 (unknown's simultaneously or concurrently) on 22 Feb 17 - 0 not Near 2 Fire dog showed neurological neurologic form of Settemper was stated. Clinical examination and complete body only were well- normal limits. PCR concerning distemper was instituted. Note: dog is originally from a animal right organisation in rumania: New sax sectionate there and is own in a family in germany. Attending wether doesn't believe that it is distemper, her level of suspicion is unlikely = N. According to her, it is very har to clearly neurologially examine the dog, since he is very secret and nervous. She believes that the dog already showed these signs prior to vaccination, but that it was never seen. The dog is doing fine, he doesn't receive any medication for this, but VIB subjecteration for general improvement. In case the PCR reveils anything case relevant she will contact us. [Reason for use for product: General LEPTOT 4 (CT, CAN, CRIPP) BRAT) VIB. Brand: NOBIVAC L4 50X105 540 Reason: Booster vaccination [Crossbred e	18	Nebbust (4-1, 1)/AN/A, 24,once 103(07/2017- 103(07/2017- 23/02/2017)+8R-×8B-×4069/uc 58991-1, 1/AN/AI, 24,once (23/02/2017-23/02/2017)+8R-<8R-	N - Unlikely	

	DEU-MERCKMSD-2017-DE-00398	Germany	Animal	Canine/dog	3 Month(s)	09/02/2017	16/03/2017	1 1	0 06/03/20	7 Not Known,4BR>dBR>dBR >4BR-4BB>dBR Not Known,4BR>dBR Not Known,4BR>dBR >4BR-4BR>dBR Not Known,4BR>dBR >4BR-4BR>dBR	Pustules, Localised pain NOS (see other 'SDC' in Poselfic pain), Skin inflammation NOS, Ear canal inflammation NAS, Ear canal one (localised), Enlarged lymph nodes (generalised), Usenia cellularity (pupp) strangles), Ottitis NOS	Not	Suspected adverse reaction: On OS Mar 2017 a young dog was vaccinated with Noblava SHPR and Noblava CsHPR and Noblava Cs	c.	12	Nobiwa L4 - 1.N/A/N/A 24.once (09/01/27)217 - 09/02/17)17-BR->BR->Nobiwa Siriph - 1.N/A/N/A 24.once (19/02/2017 - 09/02/2017)-BR->BR->BR->BR->Versican Plus DIPP - 1.N/A/N/A/A 24.once (19/02/2017 - 09/02/2017)-BR->BR->BR->BR->Versican Plus DIPP - 1.N/A/N/A/A 24.once (19/02/2017 - 09/02/2017)-BR->BR->BR->BR->BR->BR->BR->BR->BR->BR-	N - Unlikely	
NOBIVAC L4		Germany	Animal		7 Month(s)		13/03/2017	1 1	0 11/07/20:	Known, BR ×BR>KBR>KBR>BR> Not Known, BR ×BR>BR>KBR>KBR>KBR>KNot Known, BR>KNown, BR>KNown, KNown, KNown	Fever, Lameness, Polyarthritis, Other immune system disorder NOS	Not Known	SAR: On 12 Mar 2016 (Becond vaccination) and on 12 Apr 2016 (Birtid vaccination) a dog was vaccinate with Nobivas CHR pNobivas L fail Androuse The dog was treated with Bravecto to the SOImg on 18 May 2016. On 11 Jul 2016 the dog was again presented to the vet due to lameness at the Irth Indi Imb. A ray and blood examination revealed no homormalities. Then the dog additionally showed lameness at other limbs and fever. Treatment with infusion and antibiotics showed no improvement so the dog was sent to a clinic. Several alignostics were performed (MRT, puncture of joint with cytology) with the result immune-mediated polyarthritis. Treatment with cortisone was started. In Mar 2017 the dog is still under treatment. Note: The vet sees no connection to the products, but the owners suspect connection to Bravecto. Case closed. (Reason for use for product Generic: OPPPI V Braint. NOBBIAC ST 20015 250 Reason: Vaccination Generic: EPTO*QITC_CAM_GRIPP_BRAT] SB Brant: NOBIVAC L4 SOXIDS 540 Reason: Vaccination Generic: FULURIALNER CHEW TABLETS Brand: BRAVECTO SOUNGE IXITAB EUI Reason: Ectoparasitic control [State of health: Good]	r Retriever		Brawecto 500 mg Kautabletten für mittelgroße Hunde (> 10-20 kg). J.N/N/N/A 2-4. Trablet 1 Animal (18/05/2016- 18/05/2016)-BRBR-Noblwag L4- J.N/N/N/A 2-4. Toose Not applicable 1 Animal (12/04/2016- 12/04/2016)-BRBR-Noblwag L5- J.N/N/N/A 2-4. Toose Not applicable 1 Animal (12/04/2016- 12/04/2016)-BRBR-Noblwag T- J.N/N/N/A 2-4. Toose Not applicable 1 Animal (12/04/2016- 12/04/2016	N - Unlikely	
	DEU-MERCKMSD-2017-DE-00446	Germany	Animal	Canine/dog	6.5 Year(s)	06/03/2017	15/03/2017	1 1	1 09/03/20	7 Yes,-BRBRCB R>-BR>-BR>-BR GR>-GR>-GR BR>-BR>-Yes	Anaemia MoS.Leucocytosis,Lymphocytosis,D eath by euthanasia,General illness,Abnormal test result	No Data	Suspected adverse reaction: On 60 Mar 17 a 6.5-year-old Labrador Retriever was vaccinated with Nobbace 3 and Nobbace 13 simultaneously, and Eurician Nethym concurrently, On 09 Mar 17 the 60g was presented to the vet with strongly reduced general condition, but no vomiting or disurine. Blood chack revealed marked anaemia, leucoryolas of 55 Gl (ref-61 2Qf), and hyphoprotosis. CD 34 marker was positive, therefore, the examining lisb suspected acute cytotosic T-cell fluxlemia or hyphophom stadlum 5. The 60g was transferred to a vet full, where it was decided to esthanize the dog due to poor prognosis. No postmortem was performed. The vet's assessment is 0 unclassified. Note: Approx 10 days prior vaccination the dog was treat with an artibiotic due to an inflammation of the control of the vet. Note: since acute cytotosic T-cell leuchemia or hyphopions stadium's were just suspected only positive. CD 34 marker was coded via abnormal test result. Case closed. [Reason for use for product. General CAMINE PARAINET LEUKAL VERSAL VERSA	Labrador Retriever	35.6	Eurican Merilym - 1.N/A.N/A 24.0nce (66/01/2017): eBr	O - Unclassifiable/unassessa ble	
	DEU-MERCKMSD-2017-DE-00463	Germany	Animal	Canine/dog		08/03/2017	20/12/2017	1 1	0 08/03/20	R>GR>GR>Yes, GBR>GR>BR> BR>GBR>Not Known	Leucoryouis, Spleen and reticulo- moduthelial system disorder NOS, Bloody diarrhoea, Pancreas disorder, Vomiting, Renal disorder NOS, Anonevia, Lethargy (see also Central nervous system edpression in "Neurological"), Weight loss, Liver disorder NOS, Hypoproteinaemia, Fluid in addomen NOS, Decreased red blooc cell count, Hypersensithivity reaction, Elevated C-reactive protein	No Data	SAR: The case was reported by animal owner, diagnostic results will be forwarded to the MAH sasp). healthy Chinhaluan-Jack-Bassel-May, 52, 7 years J had been accinated with Nobies-SPP, Nobios-L and Nobias-C no 08 Mar 2017. Immediately after vaccination (same evening) the dog started to vom which was still ongoing on day of reporting (2 Mar 2017.) It was lethrage and an anoretic. The owner observed the dog a few days and thought this is a normal reaction to vaccination. But dog did not stalering again and statuston worsered and also showed bloody darribose (also of near tunknown). Dog was presented to vet after 3-4 days. No improvement, than dog was hospitalized in another vet clinic (date unknown). In the following time, weight reduction to 3 AG, pancreals volues strongly elevated leukocytes increased (approx. 23,000), red blood cells and proteins decreased. Spleen, liver, lidneys also show strong changes, as well as free fluid in the abdomic-The dog was research on a day of the strong of the s	4 tit. rt d,	5	Noblwat (4- 1.N/A/N/A 24.1 Dose (0g/03/2017- 0g/03/2017- 0g/03/2017)-ERRBR-Noblwac SHP-1.N/A/N/A 24.1 Dose (0g/03/2017- 0g/03/2017- 0g/0	B - Possible	
NOBÍVAC L4	DEU-MERCHMSD-2017-DE-00491	Germany	Animal	Canine/dog	4 Month(s)	20/03/2017	23/03/2017	1	0 20/03/20	7 Yes, -BR->-BR->-R R->-BR->-BR->-BR->-BR->-BR-	Involuntary defectation.typertalivation,Opistho tonus,Unable to stand.Trembling,Urinary incontinence,Prypoproteinaemia,Ap atty,Abnormal tasty,Abnormal teresult,Unconscious,Head result,Unconscious,Head tremor,Walking difficulty,Hind limb ataxia	No Data	Suppercial Adverse Reaction to n.2 0 Mar 2017 in the morning a pugpy was vaccinated simultaneously with Nobivas CENP and Nobiose L1 and concurrenty with Nobivas CENP and Nobiose L1 and concurrenty with Nobivas CENP and Nobiose L1 and concurrenty with Nobivas CENP and Nobiose L1 and a state of the Nobiose L1 and the next morning (2.1 Mar) the dog was presented to the vet not able to stand or walk, apathetic and involuntary urination and defecation. The condition worsened, the dog showed opisthotrons and unconsciousness. The dog was treated with an fill pacepam and 25 mg Sobul Decrit, but the dog sill worsened constantly, in the afternoon single administration of 20 mg turninal and Duphamoro. During this time body tempo mornia. During night the dog improved at a round 4 an in twa sable to stand again in the morning of 22 Mar controlled urination and defecation was possible. In the evening the dog were thank to the control of	Labrador Retriever	5.2	Nobwa L4 - 1.N/A/N/A 24.1 Dose 1 Aminal (20/03/2017)-6RN-6BN-90bivac 599P1 - 3.N/A/N/A, 24.1 Dose 1 Aminal (20/03/2017- 20/03/2017)-6RN-90bivac T - 1.N/A/N/A, 24.1 Dose 1 Animal (20/03/2017-20/03/2017)-6RN-6BN-90bivac T -	O - Unchassifu ble/unassessa ble	

	DEU-MERCKMSD-2017-DE-00512	Germany	Animal			22/03/2017	10/04/2017	1 1	1 1	25/03/2017	Yes, BR BR <th>Elevated total bilirubin.Splenic neoplasm, increased per centage reticuloryte, Bercesaed haemoglobin.Food refinal.Increased packed cell volume (PCN) Johnocytopis.Anaemia NOS, Tirombocytopenia, Leucoyto das failure, Palle mucous membrano.Death, Elevated temperature_lateral recumbensy, Aparthy-Johnormal test result, immure mediated haemofyte's amenia. Profinged capillary refili time, General illness Cryling, Anaemia NOS, Letharry (See Cryling, Anaemia NOS, Letharry (See Cr</th> <th>No Data</th> <th>spected adverse reaction: On 22 Mar 2017 one dog was vaccinated simultaneously with Nobivac 14 - 13/1AN [22/33/2017]. 499 and Nobivac L4 and concurrently with Nobivac 1. On 26 Mar 2017 the owner called the tending vest the day before the dog started to show reduced general health condition. On 26 Mar the oblem increased, the dog was apathetic and not eating anymore. The dog was presented to the vest: evere againty, lateral neurobency, very pale mousous membranes, debyeds copilarly filing time, emperature 39,5 °C. The owner reported that the dog showed onli intake of something unknown impries was. The attending vet sent the dog in clinic for intensity restaurcts. The ser several saminations (not specified) autoimmune haemofytic anaemia was diagnosed. The dog showed high adea naemia. Placeted fil 130 Mar 2017: presentisting condition; problems in the hind limbs, eatternet: 10 mg prediscione • omegrazoie once a week and Rimadyl. Blood parameters decreased: empolybin haemofytic anaemia, Avaplasma phagocytophilam antibodes: 200 (or - 11 postityel). Full Apr 127.2 The dog received two blood infusions and was treated with articipitics, restoring conjects, optimized, reliable to the dog desid use to cardovascular failure. No necropsy was performed, see closed. (Reason for use for product: centeric: CHPE IV 18 March NOBIVAC: 1970 SCID SCD reasons: Vaccination Generic: LEPTO* 4(ETC, AM, GRIPP, BRAT) TRB strands (SRIVAC; strands SCD Ressons: Vaccination Generic: LABLES IN AUX AUX/IVAN AUX AUX/IVAN AUX AUX/IVAN AUX/IVA</th> <th>obivac ce obivac T -</th>	Elevated total bilirubin.Splenic neoplasm, increased per centage reticuloryte, Bercesaed haemoglobin.Food refinal.Increased packed cell volume (PCN) Johnocytopis.Anaemia NOS, Tirombocytopenia, Leucoyto das failure, Palle mucous membrano.Death, Elevated temperature_lateral recumbensy, Aparthy-Johnormal test result, immure mediated haemofyte's amenia. Profinged capillary refili time, General illness Cryling, Anaemia NOS, Letharry (See Cryling, Anaemia NOS, Letharry (See Cr	No Data	spected adverse reaction: On 22 Mar 2017 one dog was vaccinated simultaneously with Nobivac 14 - 13/1AN [22/33/2017]. 499 and Nobivac L4 and concurrently with Nobivac 1. On 26 Mar 2017 the owner called the tending vest the day before the dog started to show reduced general health condition. On 26 Mar the oblem increased, the dog was apathetic and not eating anymore. The dog was presented to the vest: evere againty, lateral neurobency, very pale mousous membranes, debyeds copilarly filing time, emperature 39,5 °C. The owner reported that the dog showed onli intake of something unknown impries was. The attending vet sent the dog in clinic for intensity restaurcts. The ser several saminations (not specified) autoimmune haemofytic anaemia was diagnosed. The dog showed high adea naemia. Placeted fil 130 Mar 2017: presentisting condition; problems in the hind limbs, eatternet: 10 mg prediscione • omegrazoie once a week and Rimadyl. Blood parameters decreased: empolybin haemofytic anaemia, Avaplasma phagocytophilam antibodes: 200 (or - 11 postityel). Full Apr 127.2 The dog received two blood infusions and was treated with articipitics, restoring conjects, optimized, reliable to the dog desid use to cardovascular failure. No necropsy was performed, see closed. (Reason for use for product: centeric: CHPE IV 18 March NOBIVAC: 1970 SCID SCD reasons: Vaccination Generic: LEPTO* 4(ETC, AM, GRIPP, BRAT) TRB strands (SRIVAC; strands SCD Ressons: Vaccination Generic: LABLES IN AUX AUX/IVAN AUX AUX/IVAN AUX AUX/IVAN AUX/IVA	obivac ce obivac T -
	DEL-MERCKMSD-2017-DE-00594									02/04/2017	NOUT, GRX-GR Xnown, GRX-GRX-GRX- Not Known	also Central nerous system depression in Geographic of Meurological Jacoresia, Decreased popetic, Collage Cesa elso Cardio- sopetic, Collage Cesa elso Cardio- vascular and Systemic disorders')	Known	ussel/Maltes Mik was vaccinated with Nobivac L4 and Nobivac T. Previous vaccinations (last one cannel/dog as one year ago) had been tolerated well (lower was not completely sure but presumed that the dog and already received the same company vaccines), and according to the owner the dog had always en and one of the one of the open and according to the owner the dog had always that they can always the same of the open and the same of the same company was considered and was not responsive r a short moment, the notice of page and was not responsive r a short moment, the notice of page and was not responsive r a short moment, the notice of page and was not responsive r a short moment, the notice of page and was not responsive r a short moment, the notice of page and the page and the same of page and the page and the page and was not responsive r a short moment, and stopped eating. Also showed scance collogies (unknown whele). Diagnosis on O Mart 17. Anemia. The dog was brought to a vet clinic and was kept stationary for 4 days. Multiple sts were performed, blood rectac, heart some page shy. etc. HCT was approx 25% (red 40-45%). The dog as in a poor general condition. Treated with Corticors and artificial feeding. Currently, the dog a skt known, but is still never researched. Ease of the diagnostic ammittations could clarify the etiology. No more information expected. Case closed. [Reason for user product: Centre. LCTPO*40CT, CAN, QUIVATT KV Brand. NOBIVAC 11 SIDIOS 630 Reason: excention of the state of health. Good)	17- Doblwac T - Displace Service Servi
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00605	Germany	Animal	Canine/dog	2.5 Year(s)	23/03/2017	31/03/2017	1 1	1 0	02/04/2017	Not Known	Vomiting,Bloody diarrhoea	Not Known	NR: A 60g D, 5 years) received revaccination with Nobbac L4 on 28 Mar 2017. About 10 days late (2 Debr Canine/dog 2018), if developed book of warnbe and volumits. Teathernet was started with histosis, Baucopan, because of the property of	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00606	Germany	Animal	Canine/dog	Not Known	01/01/2016	31/03/2017	1 1	1 1	01/01/2016	Not Known	Diarrhoea, Vomiting, Death	Not Known	NR: In about 2016 a dog breeder reported to the vet's sastisant, that one of her puppies died 2 or 3 Other Not	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00614	Germany	Animal	Canine/dog	6 Year(s)	06/03/2017	03/04/2017	1 1	1 0	06/03/2017	Not Known	Balance problem, Limb weakness, Trembling	Not Known	spected Adverse Reaction: A do gi Boxer,male, born on 2 Jul 2010, not vascinated for the last 4 years) Boxer Not	
	DEU-MERCKMSD-2037-DE-00643	Germany	Animal	Canine/dog	3 Month(s)	10/03/2017	04/04/2017	1 1	1 1	13/03/2017	R> Yes	Diarrhoea, Vorniting, Intestinal stasis, Anorexia, Malaise, Death	No Data	spected Adverse Reaction: On 10 Mar 2017 a 3-month-old Chihushiau was vaccinated with Hobback Phil and Nobivac L.1 Three days late, not all Day 2017, the log was presented to the vet with from an Onbivac L.1 Three days late, not all Day 2017, the log was presented to the vet with from the phil and the	Oblivac Dose Not 33/2017-
	DEU-MERCKMSD-2017-DE-00676	Germany	Animal	Canine/dog		28/03/2017	07/04/2017	1 1	1 0	04/04/2017	Yes, <b R> Yes</b 	Sneezing,Reverse sneezing,Breathing difficulty	No Data	apacted Adverse Reaction: On 28 Mar 2017 one dog was vaccinated with Noblava (BBP) (Intransal) Not Applicable Not Mobine (BBP) - NA/A Mobine (BBP)	able 1 blivac L4- blivac D4- blivac D3/2017-
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00704	Germany	Animal	Canine/dog	3 Year(s)	07/04/2017	11/04/2017	1 1	1 0	07/04/2017	Yes, RASBR> BR> GRASBR> BR 	Bloody diarrhoea Vorniting Ear 	No Data	InfoRmy Prophylases, SAR: One-dos (Chihushua) was vaccinated simultaneously with Nobius C 1997 All Nobius C L4 - 3 N/AN Nobius C L4 - 3	00se

	DEU-MERCKMSD-2017-DE-00705	Germany	Animal	Canine/dog	11 Year(s)	10/04/2017	11/04/2017	1 1	1 10//	R	t> >Yes	Ataxia, Discorientation Dysponea, De Ath Vocalation facticant to move. Intestinal stasis, Rolling, Behavioural disorder NOS, Anorexia	No Data	SAR: On La April in the afternoon approx 3.00 pm a 12-year-old Chihushus was vascinated with Chokubac SHPF and Mobbuse. Lat simultaneously, Following resorts on the vet by the owner on 11 Apr 2017: In the evening of 10 Apr the dog showed slight behavioral disorder (lay in the beth other way around than usual) and did not want to wait, bethevioral disorder (lay in the beth other way around than usual) and off ont owner to wait on 10 Apr 2016; but the dog stated to whereas? John vigors of physnose the husband called his wife to take the dog to the vet. However, when the wife arrived approx one hour later the dog plant deed. The owners did not want a postmorten examination. Note: Previous vascinations on 04 Apr 2015 with Nobbuse. SHPF and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse. Laft and no 9 May 2016 with Nobbuse. Table and nobbuse Laft and noble week plant of waith and troub due to strong detail calculus. Case closed. [Reason for use for product: Generic: DHPPI LV Brand: NOBNAC L45 SOXIDS 540 Reason: Vaccination [State of health: Good]
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00721	Germany	Animal	Canine/dog	2.3 Year(s)	16/02/2017	11/04/2017	2 1	0 16/4	R <1		Anaphylaxis, Swelling NOS, Respiratory signs, Facial swelling (see also 'Skin')	No Data	SAR: One day was vaccinated on 16 feb 2017 with Noblava SHPR, Noblava L4 and Noblava T. A few minutes after vaccination the dog started to down strong swelling of the face, flews and entitle body. Furthermore respiratory problems were observed. The day was treated with Deasmethasone and showed immediate improvement. The next day the day day completely recovered. Case cissed. Note: the daughter of this day was succinated the same day without reaction, but showed similar reaction in effered on intended case 2017—6.0022 [Reason for rue for product: Generic: DHPR I.V Branch (DBIVAC SHPP) SOXIDS 620 Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR Reason: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB EARL SAR REASON: Vaccination Generic: L5PC14 [T.CAR, MPR/BART] NB E
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00722	Germany	Animal	Canine/dog	12 Week(s)	15/03/2017	11/04/2017	1 1	0 15/0	R <i< td=""><td>res, <br t> >BR>Yes, :BR> < BR> </br </td><td>Facial swelling (see also 'Skin'),Swelling NOS,Laboured breathing</td><td>No Data</td><td>586. One puppy was booster vaccinated on 15 Mar 2017 with Noblwac 14 and Noblwac 14 and Noblwac 14. Agonic 2.03 of milest after vaccination flows and laboured breathing. The dog was treated with Decamethasone and showed immediate improvement. The new day the dog had completely recovered. Case closed. Note: First vaccination (15 Feb. 2017) without problems. But at this occasion mother of animal showed similar reaction element in liked case 2017-E-07211, [Reason for use for product: Generic CHBPH I/U Strand: 1500/3017-1500</td></i<>	res, <br t> >BR>Yes, :BR> < BR> </br 	Facial swelling (see also 'Skin'),Swelling NOS,Laboured breathing	No Data	586. One puppy was booster vaccinated on 15 Mar 2017 with Noblwac 14 and Noblwac 14 and Noblwac 14. Agonic 2.03 of milest after vaccination flows and laboured breathing. The dog was treated with Decamethasone and showed immediate improvement. The new day the dog had completely recovered. Case closed. Note: First vaccination (15 Feb. 2017) without problems. But at this occasion mother of animal showed similar reaction element in liked case 2017-E-07211, [Reason for use for product: Generic CHBPH I/U Strand: 1500/3017-1500
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00766	Germany	Animal	Canine/dog		09/03/2017	19/04/2017	1 1	0 23/1	R <1	'es, <br !>>BR> Yes, :BR> < :BR> </br 	Petechiae NOS, immune mediated thrombocytopenia	No Data	Suspected Adverse Reactions On 9 Mar 2017, shortly after wearing, one dog was vaccinated of the simultaneously with Nobbus C 1 Yand concurrently with Nobbus C 1. Two weeks later Canine/dog (the dog was presented to the vet with preticular bleedings. The dog was forwarded to a clinic and immunels have high presented to the vet with preticular bleedings. The dog was forwarded to a clinic and immunels have high presented to the vet with preticular bleedings. The dog was forwarded to a clinic and immunels have high presented to the vet with preference ange, but the dog is still under contioner treatment. Case closed. Note: One year before the dog showed Masticatory Muscle Myosits after wearing. (the pupples. The above mentioned reaction was also observed shortly after wearing. (1903/2017-)4878-8878-Nobbus C 1,1/4/N/A, 24,1 Dose Not applicable 1,1/4/N
	DEU-MERCKMSD-2017-DE-00767	Germany	Animal	Canine/dog	4 Year(s)	13/03/2017	04/05/2017	1 1	1 29/1			Death by euthanasia,Renal failure,Inappetence,Vomiting,Apath y,Myositis	No Data	Reason for treatment: Vaccination and Masticatory Musice Myosithis Supported Adverse Reaction On 13 May 2017 one days was succinated with Nobiave L. Oz. 30 Mart fle day was presented to the vet due to painful jaw. X-rays revealed no abnormalities. The vet suspected Masticatory Musice Myositis and started freatment with cortisons. The dog improved. On 14 Apr the dog drowed pathyt, inappetence and vomiting and was presented to a dinic. Severe renal failure was dignosed and infusion therapy was started. An on improvement was observed the dog was exchanged on 15 Apr 10 May
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00769	Germany	Animal	Canine/dog	6 Year(s)	03/04/2017	19/04/2017	1 1	0 03/1	R <1	No,CBR>CBR>CB I>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR	Pale mucous membrane, Vomiting, Retching, Labo ured breathing, Cyanosis, Urination, Recumbency	Other	Suspected Alwerse Reaction: Approx. on 3 Apr 2017 one dog (breed pug) was vaccinated simultaneously with Nobbox 54PR). Nobbox 64PR, Nobbox 64 And Nobbox 64 Tell: three vaccina is no eryinge). Minutes after vaccination the dog showed stentorous breathing, vomiting, retching, recumbency, loss of urine, pale and cytopacine functions membranes. Contision was administered retrieved was given. The dog improved visibly and due to stentorous breathing Dimanon was administered alknowledges to be the red related. The next day the dog had completely recovered. Case closed. Note: the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations before. (Reason for use for the dog had never problems after vaccinations) [State of health: Solid. All JUDIU/VAHT NY Brandt MOBINACT SOXIDS 620 Reason: Vaccination] [State of health: Solid.
	DEU-MERCKMSD-2017-DE-00787	Germany	Animal		•	19/04/2017	20/04/2017	1 1		R <i< td=""><td>X×BR×BR>Yes, BR×BR×BR× BR×BR>Yes</td><td>Urticaria, Facial oedema, Pruritus</td><td></td><td>SAR: One day was vaccinated similaraneously with Noblace SHPFI, Noblace 14 and concurrently with Onbloat C not 19 Apr 20.77 Apport. 20 millionizes after vaccination the animal owner came back to the attending yet as the dog showed strong facial edems with pruritus and urticaria at the head. Rest of body was not affected. No respiratory problems were observed. The dog sus treated with Dexamethasione and showed improvement. The next day the dog had completely recovered. Case closed. (Reason for eneric. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_LEPTO. SEQ. Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_LEPTO. SEQ. Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: 1,1/A/ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: 1,1/A/ANA_CRIPP_BRATO*QITC_TS ONLOS 620 Reason: 1,1/A/ANA_CRI</td></i<>	X×BR×BR>Yes, BR×BR×BR× BR×BR>Yes	Urticaria, Facial oedema, Pruritus		SAR: One day was vaccinated similaraneously with Noblace SHPFI, Noblace 14 and concurrently with Onbloat C not 19 Apr 20.77 Apport. 20 millionizes after vaccination the animal owner came back to the attending yet as the dog showed strong facial edems with pruritus and urticaria at the head. Rest of body was not affected. No respiratory problems were observed. The dog sus treated with Dexamethasione and showed improvement. The next day the dog had completely recovered. Case closed. (Reason for eneric. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_LEPTO. SEQ. Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_LEPTO. SEQ. Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: Vaccination Generic. LEPTO*QITC_ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: 1,1/A/ANA_CRIPP_BRAT) KB Branch NOBINAC_TS ONLOS 620 Reason: 1,1/A/ANA_CRIPP_BRATO*QITC_TS ONLOS 620 Reason: 1,1/A/ANA_CRI
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00803	Germany	Animal	Canine/dog	18 Month(s)	22/04/2017	25/04/2017	1 1	0 22/1	R <1	t> Yes,	Emesis, Circulatory collapse (see also Neurological and Systemic disorders'), Irregular pulse, Lateral recumbency, Anaphylactic-type reaction	No Data	Suspected adverser reaction. 1 dag was vaccinated with Nobiwac CSPPI, Nobiwac L4 and Nobiwac T for Inferior time (price) was culcrainford, Nobies with non-company vaccines) or 2 Agr 17. Approx 1 moutes after the vaccination, while still on the examination table, the dag showed an anaphylactic reaction: suddenly collapsed, was in learn far reumbency and belowed regular heart but bet. Breathing was normal and the dag was fully conscious. After approx 5 minutes the vet gave a brotr-acting Prediscionle intravenously, whereafter the deg quickly stood up again. Then continued the algo amount of 100.d. Thereafter recovered and showed on more reactions. After 1 hour of monitoring the dag was released home. Attending vet's level of suggions in possible = 5. Smilar reactions concurred in this practice, for reference use? 2017 - DE C000S. Case closed. [Reason for use for product: Generic: SABLES IN ALU ADUIVANT KV Brandt: MOBIVACT 50XIDS 5620 Reason Vaccination] [Slate of health: Goodf

NOBIVAC L4	DEU-MERCKMSD-2017-DE-00812	Germany	Animal	Canine/dog	8 Year(s)	06/04/2017	24/04/2017	1	1 0 06/04,	1017 Yes, 		No Data	SAR: 1 dog (breed: Beaver Yorkshire Terrier) was vaccinated with Nobivac SHPPi and Nobivac L4	Yorkshire	4.2	Nobivac L4 - 1,N/A,N/A ,24,1 Dose	B - Possible	
										R> Y	s, see Immune SOC),Pustules		simultaneously and Nobivac T concurrently on 06 Apr 2017 by the reporting vet. 5 minutes after	Terrier		Not applicable 1 Animal		
										 <br< td=""><td><</td><td></td><td>vaccination the dog vomited once. 30 minutes after vaccination the owners presented the dog to another vet clinic. The dog showed pustules and an erythema on her lower abdomen. She also vomited</td><td></td><td></td><td>(06/04/2017- 06/04/2017) Nobivac</td><td></td><td></td></br<>	<		vaccination the dog vomited once. 30 minutes after vaccination the owners presented the dog to another vet clinic. The dog showed pustules and an erythema on her lower abdomen. She also vomited			(06/04/2017- 06/04/2017) Nobivac		
										BR> Tes			another vet clinic. The dog showed pustules and an erythema on her lower abdomen, she also vomited again 5 times since leaving the practice were she was vaccinated. Treatment with 0,23 mg/kg			SHPPi - 1,N/A,N/A ,24,1 Dose Not		
													Hexadreson was initiated. Thereafter the dog went home and recovered until next day (07 Apr 17).			applicable 1 Animal (06/04/2017-		
													Case closed. [Reason for use for product: Generic: DHPPI_LV_Brand: NOBIVAC SHPPI 50X1DS 620			06/04/2017) Nobivac T -		
													Reason: routine vaccination Generic: LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 50X1DS			1,N/A,N/A ,24,1 Dose Not applicable		
													540 Reason: Vaccination Generic: RABIES IN ALU ADJUVANT KV Brand: NOBIVAC T-50X1DS 620			1 Animal (06/04/2017-		
													Reason: Vaccination [State of health: Good]			06/04/2017) 		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00814	Germany	Animal	Canine/dog	5 Year(s)	27/03/2017	24/04/2017	1	1 0 27/03	017 Yes, 	B Thrombocytopenia, Weakness, Elev	a No Data	Suspected adverse reaction: 1 dog was vaccinated with Nobivac SHP and Nobivac L4 simultaneously	Other	23	Nobivac L4 - 1,N/A,N/A ,24,once	B - Possible	
										R> Y	s, ted		and Nobivac T concurrently on 27 Mar 17 by the reporting vet. According to the owner, the dog was	Canine/dog		(27/03/2017-		
										 <br< td=""><td>< temperature,Coagulopathy,Food</td><td></td><td>reduced in general health condition in the evening of the same day. The following day the dog stopped</td><td></td><td></td><td>27/03/2017) Nobivac SHP -</td><td></td><td></td></br<>	< temperature,Coagulopathy,Food		reduced in general health condition in the evening of the same day. The following day the dog stopped			27/03/2017) Nobivac SHP -		
										BR> Yes	refusal,General illness,Petechiae		eating and showed weakness. On 30 Mar 17 the dog showed shiny black faeces. On 31 Mar 17 the dog			1,N/A,N/A ,24,once (27/03/2017-		
											NOS,Decreased red blood cell		was presented to the vet with elevated temperature (not further specified) and petechial bleeding on			27/03/2017) Nobivac T -		
											count,Blood in faeces		the mucous membrane. Complete blood analysis performed, showed high grade thrombocytopenia.			1,N/A,N/A ,24,once (27/03/2017-		
													Coagulation thrombin was slightly reduced. On 01 Apr 17 the dog showed low grade anaemia. Various			27/03/2017) 		
													other tests performed (such as COOMBS test, anaplasmosis, babesia, leptospiria and leishmania) were					
													negative. Treatment with Cortison, antibiotics and Vit K1 was initiated. On 03 Apr 17 complete blood					
													analysis was, except low grade trombocytopenia, within normal limits. On 11 Apr 17 thrombocytes,					
													reticulocytes were within normal limits again and erythrocyts were still slightly reduced. At time of					
	1				l		i l			1	1	1	case report the dog is doing fine but is still under treatment with Vit k1 and Cortison (which will be	1	I	I		ĺ
	1				l		i l			1	1	1	slowly reduced from now on). Suspicion of autoimmune mediated haemolytic anaemia was stated by	1	I	I		ĺ
	1				l		i l			1	1	1	the reporting vet. Attending vet's level of suspicion is possible = B. Case closed. [Reason for use for	1	I	I		ĺ
	1				l		i l			1	1	1	product: Generic: DHP LV Brand: NOBIVAC SHP 50X1DS 620 Reason: Vaccination Generic:	1	I	I		ĺ
1	1				l		i l			1	1	1	LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 50X1DS 540 Reason: Vaccination Generic:	1	I	I		ĺ
	1				l		i l			1	1	1	RABIES IN ALU ADJUVANT KV Brand: NOBIVAC T 50X1DS 620 Reason: Vaccination] [State of health:	1	I	I		ĺ
	1				l		i l			1	1	1	Good)	1	I	I		ĺ
NORIVAC 14	DEU-MERCKMSD-2017-DE-00842	Germany	Animal	Caning/dos	5 Month(c)	25/04/2017	26/04/2017	-	1 0 25/04	017 Vac / RP / PP	B Emesis (multiple), Swelling around	No Data	Suspected adverse reaction: 1 dog (breed: Pinscher Mix) was vaccinated with Nobivac SHPPi and	Crossbred	—	Nobivac L4 - 1,N/A,N/A ,24,once	B - Possible	i
NOBIVAC L4	DEGERCKIVI3D-2017-DE-00842	Cilliany	rumilai	comme/uog	> MOHERITS)	23/04/2017	20/04/2017	1	0 23/04)	R> Y		NO Data	Nobivac L4 simultaneously on 25 Apr 17 by the reporting vet. 1 hour after vaccination the owner	Crossureu	1 4	(25/04/2017-	D 1 JSSIDIC	ĺ
1		l			l		l l			ne sone sone in	-	1	returned to the practice and the dog showed swelling of the eyes and constant emesis. Vet therapy		I	25/04/2017\CBR>CBR>Nobivac		ĺ
	1				l		i l			1	1	1	with Cortisone injection and homeopathic (Tuja, Apis) treatment was initiated. After some time (not	1	I	SHPPi - 1,N/A,N/A ,24,once (4 Day(s)		ĺ
1	1				l		i l			1	1	1	further specified) the dog was released home, with improved general health status). The owner didn't	1	I	25/04/2017-25/04/2017) 		ĺ
1	1				l		i l			1	1	1	call back, therefore vet assumes full recovery on approx 26 Apr 17. Attending vet's level of suspicion is	1	I			ĺ
1	1				l		i l			1	1	1	possible = B. Case linked to 2017-DE-00839 and 2017-DE-00846, similar reaction, same practice. Case	1	I	I		ĺ
													closed. [Reason for use for product: Generic: DHPPI_LV_Brand: NOBIVAC SHPPI_50X1DS 620_Reason:					
													Booster vaccination Generic: LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 50X1DS 540					
													Reason: Booster vaccination] [State of health: Good]					
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00846						26/04/2017											
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20,04,202,	1	1 0 10/04,		B Collapse (see also 'Cardio-vascular	Other	Suspected adverse reaction: 1 dog (breed:unknown) was vaccinated with Nobivac SHPPi, Nobivac L4	Not Applicable	Not	Nobivac L4 - 1,N/A,N/A ,24,once	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20,04,2017	1	1 0 10/04,	R> N	, and 'Systemic	Other	and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours	Not Applicable	Not Known	(10/04/2017-	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/201/	20/04/2017	1	1 0 10/04,	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>Other</td><td>and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salivation and tremor all over</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017) Nobivac</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	Other	and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salivation and tremor all over	Not Applicable		(10/04/2017- 14/04/2017) Nobivac	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/201/	20,04,2027	1	1 0 10/04,	R> N	, and 'Systemic	' Other	and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salivation and tremor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some	Not Applicable		(10/04/2017- 14/04/2017) Nobivac SHPPi - 1,N/A,N/A ,24,once (4 Day(s)	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20/04/2027	1	1 0 10/04,	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>' Other</td><td>and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salivation and tremor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 (vet assistant wasn't able to further specify). Attending vet's level</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A ,24,once (4 Day(s) 10/04/2017-</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	' Other	and Nobivac T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salivation and tremor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 (vet assistant wasn't able to further specify). Attending vet's level	Not Applicable		(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A ,24,once (4 Day(s) 10/04/2017-	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20,04,2027	1	1 0 10/04,	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>' Other</td><td>and Noblact T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salvation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suspicion jo sposible = 8, Note: case little do 2017-60 Collapsi and 2017-60 Collags, similar reaction.</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017) Nobivac T -</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	' Other	and Noblact T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salvation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suspicion jo sposible = 8, Note: case little do 2017-60 Collapsi and 2017-60 Collags, similar reaction.	Not Applicable		(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017) Nobivac T -	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20,04,2027	1	1 0 10/04,	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>' Other</td><td>and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salwation and ternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 bet essistant wasn't also to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893, similar reaction, same partice. Note: ona lingestion of anything foreign was excluded. Case oclosed. [Resson for use</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	' Other	and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salwation and ternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 bet essistant wasn't also to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893, similar reaction, same partice. Note: ona lingestion of anything foreign was excluded. Case oclosed. [Resson for use	Not Applicable		(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20,04,2027	1	1 0 10/04,	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>' Other</td><td>and Noblack T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog phowed an analyhicatic block with collapse, salked and reternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suppicion jo possible — 8. Note: case lifeties to 2017-10-20539 and 2017-20-20632, milar reaction, same practice. Note: or all ingestion of anything foreign was excluded. Lase closed. [Reason for use for product: Genetic IMPPI U.V Brank (DNIMC SJPPS DXIME SGD Reasons vaccination Genetic:</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017) Nobivac T -</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	' Other	and Noblack T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog phowed an analyhicatic block with collapse, salked and reternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suppicion jo possible — 8. Note: case lifeties to 2017-10-20539 and 2017-20-20632, milar reaction, same practice. Note: or all ingestion of anything foreign was excluded. Lase closed. [Reason for use for product: Genetic IMPPI U.V Brank (DNIMC SJPPS DXIME SGD Reasons vaccination Genetic:	Not Applicable		(10/04/2017- 14/04/2017) Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017) Nobivac T -	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20/04/2027	1	1 0 10/04/	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>Other</td><td>and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salwation and ternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some tem between 10th and 14th Apr 17 for essistant wawsr 1 bis to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF C0839 and 2017-DF C0832, similar reaction, same practice. Note: coal legisation of anyting foreign was excluded. Lase clocked. [Reson for use for product: Generic: DHPP I U. Brand: NOBIN/CL 991PF SIXIDS 602 Reason: vaccination Generic: LEPTO*4[CT_CAM_CRRP_BRAST_IN BERNATION_CROWN_CL 4500].55 40 Reason: Vaccination Generic:</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	Other	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salwation and ternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some tem between 10th and 14th Apr 17 for essistant wawsr 1 bis to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF C0839 and 2017-DF C0832, similar reaction, same practice. Note: coal legisation of anyting foreign was excluded. Lase clocked. [Reson for use for product: Generic: DHPP I U. Brand: NOBIN/CL 991PF SIXIDS 602 Reason: vaccination Generic: LEPTO*4[CT_CAM_CRRP_BRAST_IN BERNATION_CROWN_CL 4500].55 40 Reason: Vaccination Generic:	Not Applicable		(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-	B - Possible	
		Germany	Animal	Canine/dog	Not Known	10/04/2017	20/04/2027	1	1 0 10/04/	R> N <br< td=""><td>o, and 'Systemic < disorders'),Tremor,Increased</td><td>' Other</td><td>and Noblack T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog phowed an analyhicatic block with collapse, salked and reternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suppicion jo possible — 8. Note: case lifeties to 2017-10-20539 and 2017-20-20632, milar reaction, same practice. Note: or all ingestion of anything foreign was excluded. Lase closed. [Reason for use for product: Genetic IMPPI U.V Brank (DNIMC SJPPS DXIME SGD Reasons vaccination Genetic:</td><td>Not Applicable</td><td></td><td>(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-</td><td>B - Possible</td><td></td></br<>	o, and 'Systemic < disorders'),Tremor,Increased	' Other	and Noblack T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog phowed an analyhicatic block with collapse, salked and reternor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 yet assistant wasn't able to further specify). Attending vet's level of suppicion jo possible — 8. Note: case lifeties to 2017-10-20539 and 2017-20-20632, milar reaction, same practice. Note: or all ingestion of anything foreign was excluded. Lase closed. [Reason for use for product: Genetic IMPPI U.V Brank (DNIMC SJPPS DXIME SGD Reasons vaccination Genetic:	Not Applicable		(10/04/2017- 14/04/2017):BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,once (4 Day(s) 10/04/2017- 14/04/2017):BR>-BR>Nobivac T - 1,N/A,N/A,24,once (10/04/2017-	B - Possible	
NORIVAC 14	DEIL-MERCKMSD-2017-DE-MARKS	·						1		R>BR>CBR>N CBR>CBR>CBR BR>CBR>NO), and 'Systemic < disorders'),Tremor,Increased salivation,Anaphylactic shock	Other	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salkation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further specify. Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF -00893 and 2017-DF -00892, similar reaction, same practice. Note: coal legisation of anyting foreign was escluded. Case octored. [Reson for use for product: Generic: DHPP I V. Brand: NOBIVAC 59PH 50X1DS 50D Resson: vaccination Generic: EPSTO*4 IJCT.CAM, EMERIP BAST 13B ERROR NOBIVAC 15 OXID 550 Resson: Vaccination [State of health: Good of the control of the	Not Applicable		(10/04/2017- 14/04/2017) >BR>Nobivac SHPH-1.N/N/A/24,once (4 Dayls) 10/04/2017- 14/04/2017/SBR>SBR>Nobivac T- 1.N/AN/A, 24,once (10/04/2017- 14/04/2017) >BR>		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	Germany			11 Week(s)			1		R>BR>CBR>N CBR>CBR>BR>CBR>NO	, and 'systemic disorders'),Tremor,Increased salivation,Anaphylactic shock Facial swelling (see also	Not Known	and Noblact T simultaneously some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an anaphylactic shock with collapse, salestion and remor all over the body. Acute treatment (unknown with what) was immediately instituted. The dog recovered some time between 10th and 14th Apr 17 (vet assistant wasn't able to further specify). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-Te-00859 and 2017-OF 00842, similar reaction, same practice. Note: or all ingestion of anything foreign was excluded. Ease closed. [Reason for use for product: Generic IMPPI U I Startic (NOBIVIC SIPP) SOXISS 520 Reason: Vaccination Generic: LEPTO*QICT_CAN_GRIP_BRATI JRB Brand: NOBINACT_LISONIDS_S0R Reason: Vaccination [State of health! Good! ASIC: On 27 Apr 2017 one puppy (breed Swiss Dog) was vaccinated with Noblac L4 and Noblac SIPPI.	Other		[10/04/2017- 14/04/2017-RBR-SBR-Nobivac SHPPI - 1.N/A,N/A, 24,once (4 Day(s) 10/04/2017- 14/04/2017-BRN-SBR-Nobivac T - 1,N/A,N/A, 24,once (10/04/2017- 14/04/2017)-BRN-SBR- Nobivac L4 - N/A,N/A,N/A	B - Possible B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>CBR>N CBR>CBR BR>CBR>NO 1017 Not Known, SBR>CBR>N	and Systemic disorders'), Tremor, Increased salivation, Anaphylactic shock Facial swelling (see also Sishin) Panting, Pale mucous	Not	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salhalation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some ten between 10th and 14th Apr 17 for essistant wasn't also to further speeft), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF 0.0083 and 2017-DF 0.0082, similar reaction, same practice. Note: coal lingestion of anyting foreign was escluded. Case octored. [Reason for use for product: Generic: DRPP1 V. Brand: NOBIVAC 597PF SOXIDS 507 Reason: vaccination Generic: EPTO*4 IJCT.CARA(ERP) BRATI SIR BRAND NOBIVAC 15 SOXIDS 507 Reason: Vaccination) [State of health: Good 15 Apr 2017 or puppy (Brend Swiss Dog) was vaccinated with Nobivac 14 Fan Nobi	Not Applicable Other Canine/dog	Known	[10/04/2017- 14/04/2017-8R>-BR>Nobivac SPPP - 1.N/AN/A 2.4.once (4 Day(s) 10/04/2017- 14/04/2017/8R>-SB-Nobivac T - 1,N/A,N/A,24.once (10/04/2017- 14/04/2017/8R>-SB> Nobivac L4 - N/A,N/AN/A 2.4.Unknown Unknown 1 Animal		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased stalivation, Anaphylactic shock stalivation, Anaphylactic shock facial swelling (see also R. Sishi') Panting-Pale mucous membrane, Septines - systemic membrane, Septines - systemic	Not	and Noboxe 1 simultaneously, some time between 0.00 and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analysicatic shock with collapse, salivation and remor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further specify. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-DC 00819 and 2017-DC 00819, and 18 man partice. Note: on all registion of anything foreign was excluded. Lase closes. [Reson for use for product: Generic: LEPPY LIV Blandt NOBIVAL SPHYS DOXIDS 200 Reason: vaccination Generic: LEPPY 4(C) CAGNORP BARQT SIR and NOBIVAL SPHYS DOXIDS 200 Reason: Vaccination (Section Collaboration Generic: LEPPY 4(C) CAGNORP BARQT SIR and NOBIVAL SPHYS DOXIDS 200 Reason: Vaccination Generic: LEPPY 4(C) CAGNORP BARQT SIR and SIR ADMINISTRATION CONTROL STATE OF A CONTROL STATE OF	Other	Known	[10/04/2017- 14/04/2017-18/RS-RB-Nebhobiac SHPP I - NJ/NJ/A J - Z4, once (4 Day(s) 10/04/2017- 14/04/2017-BR->BR-Nebhobiac T - 1,N/AN/A J - Z4, once (10/04/2017- 14/04/2017-BR->BR- Nebhoac L4 - N/A,N/A,N/A - Z4, Unknown Unknown 1 Animal [27/04/2017-27/04/2017-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>CBR>N CBR>CBR BR>CBR>NO 1017 Not Known, SBR>CBR>N	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salhation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some ten between 10th and 14th Apr 17 for essistant wasn't also to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF 0.0083 and 2017-DF 0.0082, similar reaction, same practice. Note: coll ingestion of anything foreign was excluded. Loss octions. (Reson for use for product: Generic: DRPPI VI DF 18th NOBINIX. 59PP SOXIDS 50D Reason: vaccination Generic: EPTO*4 IJCT.CAR/ERP BRAT IJS BRATO MOBINIX. 59PP SOXIDS 50D Reason: Vaccination) [State of health: Good! SAR: CD 7.7 Apr 2017 one puppy (breed swiss Dog) was vaccinated with Nobivac LF and Nobivac SPPI. Afterwards the puppy immediately felt as due at the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews after food intake. Clinical examination 1.5 hours after vaccination storage paraline, beart and 16 John, storage buse, pelm encous	Other	Known	[I/O/A/1017- I/O/A/2017-BR-S-BR-Nobivac SHPP1- I/N/AN/A, 24, once (4 Day(s) I/O/A/2017-BR-SBR-Nobivac T - I/N/AN/A, 24, once (6 Day(s) I/O/A/2017-BR-SBR-Nobivac T - I/N/AN/A, 24, once (10/04/2017- I/A/O/A/2017)-BR-SBR-SBN-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased stalivation, Anaphylactic shock stalivation, Anaphylactic shock facial swelling (see also R. Sishi') Panting-Pale mucous membrane, Septines - systemic membrane, Septines - systemic	Not	and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analysicatic shock with collapse, salwation and retimor all over the body. Acute treatment (unknown with whall was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further speecify. Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-05-00839 and 2017-05-00839, and case particle. Note or all registro of analysis foreign was excluded. Lase closels, (Besson for use for product: Generic: DIPPO IL Vitard: NOBIVIX.5 1999 50X105 50D Reason: vaccination Generic: LETPO-4[IFI.CA(MORP/BAR)18] as larent. NOBIVIX.6 1950.1055 50D Reason: Vaccination (Estate of health: SAR) Con 27 of Apr 2017 one pagely (level 6 with Soll 1964 and 1964 with Soll 1964 and 1964 one of the soll of	Other	Known	IQ/04/2017- IQ/0/2017- IQ/04/2017- IQ/		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salhalton and return all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some ten between 10th and 14th Apr 17 for essistant wasn't also to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DF 0.0083 and 2017-DF 0.0082, similar reaction, same practice. Note: coll ingestion of anyting foreign was excluded. Loss ocione. (Reson for use for product: Generic: DRPPI 11 brand: NOBINIX. 5197-DF 0.0083 and 2017-DF 0.0082, similar reaction, same practice. Note: Online plant of anyting foreign was excluded. Loss ocione. (Reson for use for product: Generic: DRPPI 11 brand: NOBINIX.5 SPIP SIXIDS 54D Reason: vaccination (Generic: ERPTO*4)[CT.CAR,DRPP.BRAT] NB BRAND NOBINIX.5 SPIP SIXIDS 54D Reason: Vaccination) [State of health: Good! 54R: On 77 Apr 2017 one puppy (Breed Swiss Dog) was vaccinated with Nobivac L4 and Nobivac SPIPI. Afterwards the puppy immediately; eff as late pat the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews a fire food intake. Clinical examination 1.5 hours after vaccination strong particulation strong parking, beart and of 150/min, strong pube, pale mucous membranes, capillary filling time 2-3 seconds, both eyelds and flews stowed strong swelling temperature 3.87 C-1 Unbaso 3.72 mg. precisione and microsion with finger lactal twas given	Other	Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-XI/AN/A , Z4,once (4 Day(s) IG/04/2017- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og showed an analysivactic shock with collapse, salwation and retimen all over the body. Acute treatment (unknown with whall was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further speecify. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-0F-00839 and 2017-0F-00832, similar reaction, same practice. Note: on all registion of analytic floreign was excluded. Lase closed. [Reason for use for product: Generic: EIPPF1 US brand: NOBIVIX.5 1970-1970-55 207 Reason: vaccination Generic: EIPPF2 LIGHT-ORGEP/BART) RB areas NOBIVIX.6 1970-1970-55 207 Reason: vaccination [State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination [State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS Brand: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS BRAND: NOBIVIX.6 1970-1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS BRAND: NOBIVIX.6 1970-55 207 Reason: vaccination (State of health: ARAICS 181 ALU ADILIVANT VS REASON: NOBIVIX.6 1970-55	Other	Known	IQ/04/2017- IQ/0/2017- IQ/04/2017- IQ/		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salhation and return all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some ten between 10th and 14th Apr 17 for essistant wasn't also to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE -00893 and 2017-DE -00892, similar reaction, same practice. Note: coll ingestion of anhyting foreign was excluded. Lose ocione. (Reson for use for product: Generic: DEPPI 11 VB rand: NOBINIX. 519PFI SOXIDS 54D Resson: vaccination Generic: EETO*4 CT.CARGEPREPART) IS BERNA NOBINIX. 519PFI SOXIDS 54D Resson: Vaccination) [State of health: Good! SAR: CD 77 Apr 2017 one puppy (Breed Swiss Dog) was vaccinated with Nobivac L4 and Nobivac SFPI. Afterwards the puppy immediately felt as leap at the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews a fire food intake. Clinical examination 1.5 hours after vaccination strong particulation strong particulat	Other	Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-XI/AN/A , Z4,once (4 Day(s) IG/04/2017- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og thowed an analyticatic shock with collapse, salwation and retorner all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessistant wasn't also to further speecily. Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DC 00839 and 2017-DC 00832, similar reaction, same practice. Note: coal lingestion of analytical profession (Besson for use for product: Generic: DHPPI U. Brand: NOBINV.C 1990/DS 300 Reason: vaccination Generic: EEPTP-QHCT_CAGN_PIRBART) as Brand: NOBINV.C 1990/DS 300 Reason: vaccination (State of health: SAGIL ACT AP AP 2017 DE 1990 PROFESSION PROFESSI	Other	Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-XI/AN/A , Z4,once (4 Day(s) IG/04/2017- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-Nobivac T- I4/04/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, salhation and return all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some ten between 10th and 14th Apr 17 for essistant wasn't also to further speech), Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE -00893 and 2017-DE -00892, similar reaction, same practice. Note: coll ingestion of anhyting foreign was excluded. Lose ocione. (Reson for use for product: Generic: DEPPI 11 VB rand: NOBINIX. 519PFI SOXIDS 54D Resson: vaccination Generic: EETO*4 CT.CARGEPREPART) IS BERNA NOBINIX. 519PFI SOXIDS 54D Resson: Vaccination) [State of health: Good! SAR: CD 77 Apr 2017 one puppy (Breed Swiss Dog) was vaccinated with Nobivac L4 and Nobivac SFPI. Afterwards the puppy immediately felt as leap at the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews a fire food intake. Clinical examination 1.5 hours after vaccination strong particulation strong particulat	Other	Known	I/O/M2/1017- I/O/		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-00855	·						1		R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	, and 'Systemic disorders', Tremor Increased salivation, Anaphylactic shock salivation, Anaphylactic shock Facial swelling (see also R 'Ssin') Panting Pale mucous membrane, Steepiness - systemic disorder Increased heart	Not	and Noblava: I simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the dog showed an analyticatic shock with collapse, ashalation and termor all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessiant wawsr 1 day to Inturber speech, 14th acreding vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893 and 2017-DE 00893, similar reaction, same practice. Note: coal legisation of anything foreign was excluded. Case closel. [Reason for suce for product: Generic: DRPPI LV Brand: NOBINVLS SPIPS DXIDS 50D Reason: vaccination Generic: EPTO*4 (IFC.CAM, REPREPART) BE INSTANCED. NOBINVLS TS DXIDS 50D Reason: vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS TS DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS TS DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS TS DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS TS DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination [State of health: Good 15th Acut JADUIVANT KV Brand: NOBINVLS ST DXIDS 50D Reason: Vaccination (State of health: Good 15th Acut JADUIVANT KV BRAND KV BRAN	Other	Known	I/O/M2/1017- I/O/		
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N «BR~BR~GR BR> <br-no gr="" known,="" not="">E >GR-NO Not Known</br-no>	, and "Systemic disorders," Tremor Increased salivation, Anaphylactic shock shock alivation, Anaphylactic shock sh	Not Known	and Noblows T simultaneously, some time between 0.00 and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og showed an analysticat shock with collapse, saleshort and retorn all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessiant waws 1 table to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE-00893 and 2017-DE-00893, similar reaction, same practice. Note: on all legation of analytical profession of the session vaccination (Beson for use for product: Generic: DHPP II V Brand: NOBINVLS 599F9 SIXIDS 500 Reason: Vaccination) [State of health: CBOOM 18 ABLU ADJUNANT IX Brand: NOBINVLS 590T9555 500 Reason: Vaccination) [State of health: GBod] SAR: On 74 pp. 2017 one puppy (Breed Swiss Dog) was vaccinated with Noblavc L4 and Noblexs SHPP. Alterwards the puppy immediately felf a lateep at the owners arm. After apprax. 40 minutes the dog suddenly started to show seelings around the eyes and flews after old intake. Clinical examination 1.3 hours after vaccination. Strong parking, learnt rate of 150 flims, trong pubs, per moccous interprating the strong through the strong through the production of the contraction of	Other Canine/dog	Not Known	I/O/M2/1017- I/O/	B - Possible	
	DEU-MERCKMSD-2017-DE-00855	Germany	Animal	Canine/dog	11 Week(s)		27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Noboxer 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the ogl showed an analysicatic shock with collapse, salivation and retimen all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further specify. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-0F-00893 and 2017-0F-00893, similar reaction, same practice. Note: on all registion of analysis (lesson for use control specific or all anyting foreign was excluded. Lase closes, (Resson for use for product: Generic: LEPTO-4(I)CT_AGNETP BAD(I) Stall marking foreign was excluded. Lase closes. (Resson for use Case) and 2017-0F-00893 and 2017-0F-00893, similar reaction, same practice. Note (Resson for use Case) and 2017-0F-00893 and 2017-0F-00893, similar reaction, same practice. Note (Resson for use Case) and 2017-0F-00893 a	Other Canine/dog	Not Known	10/04/2017- 10/04/2017- 10/04/2017- 10/04/2017- 10/04/2017- 10/04/2017- 10/04/2017- 10/04/2017- 14		
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and "Systemic disorders," Tremor Increased salivation, Anaphylactic shock shock alivation, Anaphylactic shock sh	Not Known	and Noblows T simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og showed an analysticat shock with collapse, saleshort and return all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessiant waws 14th soc for Uniters specify. Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE-00893 and 2017-DE-00893, similar reaction, same practice. Note: on all legation of analytical profession of the specific products: Generic: DHPP IL V Brand: NOBINVLS 5917-DE-00893 and 2017-DE-00893, similar reaction, same practice. Note: on allegation of analytical profession of the specific products: Generic: LEPTO*4 IDT.CAR(PRIPR) BRANT INS BRAND NOBINVLS 15001555 500 Reason: vaccination Generic: LEPTO*4 IDT.CAR(PRIPR) BRANT INS BRAND NOBINVLS 15001555 500 Reason: Vaccination) [State of health: Gloud! 3ARI: DAT 74P 2017 one puppy (invest Swiss Dog) was vaccinated with Noblava L4 and Nobines SHPPL. Afterwards the puppy immediately felf a sileep at the owners arm. After apprax. 40 minutes the dog suddenly started to show seellings around the eyes and flews after one of trialse: Clinical examination 1.3 hours after vaccination. Strang products are considered to the control of the specific and clinical starting to the control of the specific and flews afterwards and per analysis. After 20 minutes have dog is generally, level and flews afterwards again. Approx. completely recovered 28 Apr 2017. Case closed not the the dog aleasy flews and attentive again. Approx. completely tense, vaccination [State of health: Gloud of the control of the puppy was vaccinated from the foliage and unclinical start (Enterlic Chemic Liber). Without any problems. [Reason for use for product: Generic: DHPP IL VI Branch NOBINAC SHPP 3015 500 Reason: Vaccination of lever broaders. (Enterlic Chemic). Without any problems. (Reason for use for product: Generic: DHPP) IL VI Branch NOBINAC S	Other Canine/dog	Not Known	In/Ow/1017-	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Noboxe 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the ogl showed an analyticatic shock with collapse, salwation and retimer all over the body. Acute treatment (unknown with whall was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further specify. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-05-00839 and 2017-05-00832, similar reaction, same practice. Note: on all registor of analytic floreign was excluded. Lase closels. (Reson for use for product: Generic: DEPP LV Brand: NOBIVAC 1990/155 200 Reason: vaccination Generic: LEPTO-4[LTC.04/RPP BAD) RS as man. NOBIVAC 1900/155 200 Reason: vaccination (Essien for law 1900/150) and 1000/150 (Reason for vaccination) (Essien for health: SARC 10.7 a / Apr 2017 one page) (presed sists Deg) was vaccinated with Nobivac L and Nobivac 1917 Allerwards the pupp) immediately felt asleep at the owners arm. After approx. 40 minutes the dog suddenly started to history was felt of some simple signature of the control of the con	Other Canine/dog	Not Known	10/04/2017- 14/04/2017- 14	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Noblows 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the ogl showed an analysticat shock with collapse, salwation and retorn all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessions was reliable to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893. gimilar reaction, same practice. Note: on all registion of anything foreign was excluded. Lase closed. [Reason for use for product: Generic: DHPP IL V Brand: NOBINVLS 99HP SOXIDS 620 Reason: vaccination Generic: EDTO*4[PICT_AMPRIBER_BRAT] NB BRAND NOBINVLS 1500 STORES 500 Reason: Vaccination) [State of health: Good 1. Apr 1500 Pict Pict Pict Pict_AMP 1500 Pict_BRAND 1500 Pict	Other Canine/dog	Not Known	In/Ow/1017-	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Noblows T simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og thowed an analythicat is chock with collapse, salwation and retimen all over the body. Acute treatment (unknown with whall was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further speefly. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-0F-00839 and 2017-0F-00832, similar reaction, same practice. Note: on all registro of analytic floreign was excluded. Lase closed. [Reason for use for product: Generic: DHPP 11 b Brand: NOBIN/AC 1990/155 200 Reason: vaccination Generic: EEPTO*4[LTC.QAR(PREAP) RABIT SIR MANNIES AND SIR RESIDENCE AND SIR RESIDENC	Other Canine/dog	Not Known	IQ/04/2017- IQ/0/2017- IQ/04/2017- IQ/05/2017- IQ/	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Nobioxac 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og showed an analysticat shock with collapse, salvabloan and terson all over the body. Acute treatment (unknown with what) was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 be assistant wasn't also to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893. and reaction, asserpance, both care linked to 2017-DE 00893 and 2017-DE 00893. and 18th an	Other Canine/dog	Not Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-IN/AN/A_24, once (4 Day(s) IG/04/2017-BR-SBN-Nobivac T- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A/A-24, Indenown Unknown I Animal (27/04/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, A24, Indenown I Animal (27/04/2017-BR-SBN-BR-SBN-DOBIVAC INFORMATION INFO	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Noblows T simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og showed an analysivactic shock with collapse, salwation and retorn all over the body. Acute treatment (unknown with whall was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 for essistant wasn't also to further specify. Hardinging vets level of suspicion is possible = 8. Note: case linked to 2017-DC-00839 and 2017-DC-00832, similar reaction, same practice. Note: on all registor of analysing foreign was excluded. Lase closed. [Reason for use for product: Generic: DHPP 11 V Brand: NOBIN/AC 1997-DC-00839 and 2017-DC-00832, similar reaction, same practice. Note: On all registor of anything foreign was excluded. Lase closed. [Reason for use for product: Generic: DHPP 11 V Brand: NOBIN/AC 1997-DC-00839 and 2017-DC-00832, similar reaction, same practice. Note: On all registors of NOBIN/AC 1997-DC-00839 and 2017-DC-00832, similar reaction. RABLES 18 ALU ADI/VANT VS Brand: NOBIN/AC 1997-DC-00839 and 2017-DC-00839 and 2017-DC-00839. And 1997-DC-00839 and 2017-DC-00839	Other Canine/dog	Not Known	IQ/04/2017- IQ/0/2017- IQ/04/2017- IQ/05/2017- IQ/	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin/). Panting-Pale mucous membrane, Seepines - systemic disorder, increased heart rate, Prolonged capillary refill time	Not Known	and Nobioxac 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the ogh showed an analysticat shock with collapse, salvabloan and retorn all over the body. Acute treatment (unknown with whally was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 to essistant wasn't also to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893, almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893, almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893. almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893. almost reaction for product: Generic: LEPTO*4[LTC.ARGR/BRBART] NB BERNA NOBINIZAL 5930(155 60) Reason: vaccination (Resenic Custom Foreign 18 ALL JADIUTANT IX Brand: NOBINIZAL 5930(155 60) Reason: vaccination) [State of health: Good of Apr 2017 one puppy (Breed Swiss Dog) was vaccinated with Nobivac L4 and Nobivac 5HPPI. Afterwards the puppy immediately felt ableep at the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews after food intake. Clinical examination 1.3 hours after vaccination to strong swelling. Heart safe of 250(min. strong pasks) pelm excuss membranes, capillary filling time 2-3 seconds, both eyelds and flews showed strong swelling introverously. After 20 minutes the dog is generally lively and attentive again. A travers are supplied to the safe of the product of the safe of the pasks of the product of the safe of the product of the safe of the product of the safe of the puppy was accinated simultaneously with Nobivac SHPPI and Nobivac L4. After a maximum of 30 minutes the dog phowed facial swelling and urticate as after absolution on the same little also safe of product. Service of product control for the dog travel for crewed prior	Other Canine/dog	Not Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-IN/AN/A_24, once (4 Day(s) IG/04/2017-BR-SBN-Nobivac T- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A/A-24, Indenown Unknown I Animal (27/04/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, A24, Indenown I- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin). Panting-Pale mucous membrane, Seepines - systemic disorder increased heart rate. Prolonged capillary refill time	Not Known	and Noblows T simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the og thowed an analysivatic shock with collapse, salwation and return all over the body. Acute treatment (unknown with whald was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 between sessions was reliable to further speecify. Hartending vet's level of suspicion is possible = 8. Note: case linked to 2017-DC 00839 and 2017-DC 00832, similar reaction, same practice. Note: coal lingestion of analysing foreign was excluded. Lase closed. [Reason for use for product: Generic: DHPP ILV Brand: NOBINVLC 1950/DS 308 Reason: vaccination Generic: EPTP*QHCT_CAGNER/BRAT 308 TAM NOBINVLC 1950/DIS 508 Reason: vaccination Generic: RABLES IN ALU JADIUVANT EV Brand: NOBINVLC 1950/DIS 508 Reason: vaccination Generic: RABLES IN ALU JADIUVANT EV Brand: NOBINVLC 1950/DIS 508 Reason: vaccination (State of health: SABLE) and the collapse of the collap	Other Canine/dog	Not Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-IN/AN/A_24, once (4 Day(s) IG/04/2017-BR-SBN-Nobivac T- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A/A-24, Indenown Unknown I Animal (27/04/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, A24, Indenown I- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	B - Possible	
		Germany	Animal	Canine/dog	11 Week(s)	27/04/2017	27/04/2017	1	0 27/04,	R~GR~GR~N GR~GR~N GR~GR~SCR~N O17 Not Known, GR~G >GR*N Not Known 1017 Yes, GR~GR~SR	, and 'Systemic disorders'). Tremor, increased salivation, Anaphylactic shock Facial swelling fice also R Skin). Panting-Pale mucous membrane, Seepines - systemic disorder increased heart rate. Prolonged capillary refill time	Not Known	and Nobioxac 1 simultaneously, some time between 10th and 14th Apr 17 by the reporting vet. 2 hours after vaccination the ogh showed an analysticat shock with collapse, salvabloan and retorn all over the body. Acute treatment (unknown with whally was immediately initiated. The dog recovered some time between 10th and 14th Apr 17 to essistant wasn't also to further speech). Attending vet's level of suspicion is possible = 8. Note: case linked to 2017-DE 00893 and 2017-DE 00893, almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893, almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893. almost reaction, same paractice. Note: case linked to 2017-DE 00893 and 2017-DE 00893. almost reaction for product: Generic: LEPTO*4[LTC.ARGR/BRBART] NB BERNA NOBINIZAL 5930(155 60) Reason: vaccination (Resenic Custom Foreign 18 ALL JADIUTANT IX Brand: NOBINIZAL 5930(155 60) Reason: vaccination) [State of health: Good of Apr 2017 one puppy (Breed Swiss Dog) was vaccinated with Nobivac L4 and Nobivac 5HPPI. Afterwards the puppy immediately felt ableep at the owners arm. After approx. 40 minutes the dog suddenly started to show swellings around the eyes and flews after food intake. Clinical examination 1.3 hours after vaccination to strong swelling. Heart safe of 250(min. strong pasks) pelm excuss membranes, capillary filling time 2-3 seconds, both eyelds and flews showed strong swelling introverously. After 20 minutes the dog is generally lively and attentive again. A travers are supplied to the safe of the product of the safe of the pasks of the product of the safe of the product of the safe of the product of the safe of the puppy was accinated simultaneously with Nobivac SHPPI and Nobivac L4. After a maximum of 30 minutes the dog phowed facial swelling and urticate as after absolution on the same little also safe of product. Service of product control for the dog travel for crewed prior	Other Canine/dog	Not Known	IG/04/2017- IG/08/2017-BR-S-BR-Nobivac SHPP1-IN/AN/A_24, once (4 Day(s) IG/04/2017-BR-SBN-Nobivac T- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A/A-24, Indenown Unknown I Animal (27/04/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, A24, Indenown I- IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/04/A-24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBN-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-Nobivac SHPP1-IA/AN/A, 24, I Dose I Animal (02/05/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	B - Possible	

NOBIVAC LA DEU-MERCIM	MSD-2017-DE-00946	Germany	Arimal	Canine/dog	10 Year(s)	28/04/2017	19/11/2017	1 1	0 30/04/201	Yes, dib-dib-dib-dib-yes	Application site lesion.Application site swelling.Application site pain.ripiction site pain.ripiction site pain.ripiction site swelling.Application site swelling.Application site pain.Reddening of the skin.Skin lesion NOS,Lethargy (see also Contral nervous system depression in Neurological Tyever, Abdominal occlema, Talkin Six NOS,Skin unfluensation NOS,General illiness, Sear	No Data	Sixpected adverse reaction: I dag was succinated with Noblace P1 and Noblace L4 simultaneously on 28 Apr 17.0 nOt 18 way 17 the dag was presented to the reporting with third "degree fever, swelling of skin and painful skin at application site. The skin is necrotic and breaks open. Vet therapy intated with Novaljen, Metazam, antiblotics. No diapositic/examinations performed. Case Codes Follow up 3 P3 Nov 17: The dag owner contacted MMH on 13 Nov 2017 and reported following additional information. Breed of the dag; Jack-Rissels-Treiter-Podence Notic, name: Mike, "Provious vaccination with the same vaccines Noblace P1 and Noblace L4 may be provided to the state of the provided on the provided provided to the provided provided to the provided provided to the provided provided to the provided provi	Jack Russell Terrier	12	Nobwa (L4 - 1 N/N/N/A 24 once (22/04/2017) - 28/04/2017) eRrNobwa Pi - 1 1/N/N/A / 24 once (28/04/2017 - 28/04/2017 - 28/04/2017) eRrBR	B - Possible	
NOBIVAC L4 DEU-MERCKM	MSD-2017-DE-01000	Germany	Animal	Canine/dog	13 Year(s)	07/11/2016	29/11/2017	1 1	0 07/05/201:	Y Yes, <b R> Yes, < BR> Yes</b 	Lack of efficacy,Mucosa petechiae,Blood in urine	No Data	Supereted lack of expected efficacy for Lepto One dag was vaccinated with Nobines Esti, Nobines L14 and Nobines To 17 Nov 2015. On 71 Avg 2017 the dag showed strong bloody introlog flowors of the and percental at the ginglys. Blood examination revealed thrombocytopenia and anaemia. Babesia, and pistensh and their likelin negative. Leptopsips artibidises: Institative 1:100, australia 1:200, copenhageni: 1:500, pomona 1:100, canicula 1:100, gripopthyphosa negative, Leptopsips CR of urint was negative. The dogs under treatment. Second antibody-Lesting will be performed in 2 weeks, TU 2014. FU 29 Nov 2017. The attending west did not want to forward the results of second time examination. Case closed. Reason for use for product: Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ES SOUDES 548 Resistor. Vaccination Generic: DEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ES SOUDES 548 Resistor. Vaccination Generic: DEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ES SOUDES 548 Resistor. Vaccination Generic: DEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor. Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor. Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor. Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor. Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor. Vaccination Generic: LEPTO*4ICT_CAN_GRIPP_BRATI NA Brand NOBINAL ESTORES 548 Resistor.	Golden Retriever	30	Nobiwac L4 - 1,N/A,N/A, 24,once (07)11/2016-	B - Possible	
NOBIVAC L4 DEU-MERCKM	WSD-2017-DE-01122	Germany	Animal	Canine/dog	8 Month(s)	24/05/2017	24/05/2017	1 1	0 24/05/201:	7 Yes, <c< td=""><td>Circulatory disorder NOS,Weak pulse,Pale mucous membrane,Diarrhoea,Prolonged capillary refill time,General pain (see other SOCs for specific pain),Facial oedema,Anaphylactic shock,Apathy,Vomiting</td><td>No Data</td><td>SAR: On 24 May 2017 an 8-month-old pug was vaccinated with Noblack SHPP and Nobbac LE dimultaneously, Approx half an hour later the dig was presented again due to an anaphylactic shock with following symptoms: strong vomiting, apathy, circulatory problems, weak pulse, pale mucous membranes, capillary refill time prolonged [5 sec]. The dog was hospitalized and treated with Predinisions and infusions. While stationary the dog then also showed facial oederna. During the day the dog stabilized and was released home. However, on the next day (25 May) susst still apathetic, showed general pain reaction, and additionally diamete. Therefore, again hospitalized and retrated with riskosions. On 26 May in the morning the dog had fully recovered and was doing well. Case closed. [Reason for use for product. Generic. DIPP] I.V Branch. NOBINICS SPPP 30x105 SQD Reason: Vaccination General: LEPPO-4(IC_XAMC)PREART) like Timent. NOBINICS SPPP 30x105 SQD Reason:</td><td>Pug</td><td></td><td>Nobivac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1.nimai (24/05/2017- 24/05/2017)-BR>~BR>Nobivac SHPP - 1,N/A,N/A, 24,1 Dose Not applicable 1.nimai (24/05/2017- 24/05/2017)-BR>~BR></td><td>B - Possible</td><td></td></c<>	Circulatory disorder NOS,Weak pulse,Pale mucous membrane,Diarrhoea,Prolonged capillary refill time,General pain (see other SOCs for specific pain),Facial oedema,Anaphylactic shock,Apathy,Vomiting	No Data	SAR: On 24 May 2017 an 8-month-old pug was vaccinated with Noblack SHPP and Nobbac LE dimultaneously, Approx half an hour later the dig was presented again due to an anaphylactic shock with following symptoms: strong vomiting, apathy, circulatory problems, weak pulse, pale mucous membranes, capillary refill time prolonged [5 sec]. The dog was hospitalized and treated with Predinisions and infusions. While stationary the dog then also showed facial oederna. During the day the dog stabilized and was released home. However, on the next day (25 May) susst still apathetic, showed general pain reaction, and additionally diamete. Therefore, again hospitalized and retrated with riskosions. On 26 May in the morning the dog had fully recovered and was doing well. Case closed. [Reason for use for product. Generic. DIPP] I.V Branch. NOBINICS SPPP 30x105 SQD Reason: Vaccination General: LEPPO-4(IC_XAMC)PREART) like Timent. NOBINICS SPPP 30x105 SQD Reason:	Pug		Nobivac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1.nimai (24/05/2017- 24/05/2017)-BR>~BR>Nobivac SHPP - 1,N/A,N/A, 24,1 Dose Not applicable 1.nimai (24/05/2017- 24/05/2017)-BR>~BR>	B - Possible	
NOBIVAC L4 DEU-MERCKM	MSD-2017-DE-01191	Germany	Animal	Canine/dog	16 Week(s)	30/05/2017	31/05/2017	1 1	0 30/05/201	7 Yes, <br R> >Yes</br 	Vomiting.Facial oedema,Diarrhoea,Generalised itching.Anaphylactoid reaction	No Data	SAR. A vet vaccinated a 12 weeks old Labrador with Noblaus CHPP and Noblaus L concurrently. About 30 minutes later the dog showed serious anaphylactic reacting with Irching (all over the body), old unimutes have the dog showed serious anaphylactic reacting with Irching (all over the body). I distribe as, written, facial orderma. Immediately dog was presented to vet again and teated with control for the control	Labrador Retriever	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose 1 Animal (30/05/2017- 30/05/2017-BR->BR->BR>Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose 1 Animal (30/05/2017- 30/05/2017)-BR>>BR>	B - Possible	
NOBIVAC L4 DEU-MERCKM	MSD-2017-DE-01267	Germany	Animal	Canine/dog	17 Month(s)	01/01/2016	07/06/2017	1 1	0 01/01/201	5 Not Known,
 Not Known</br 	Weakness, Fever	Not Known	Supercial adverse reaction: While reporting a case of a possible side effect (linked case 2017-05- 0185), the attending with meritoned that the previous vaccination with Noblous-SPPF and Nobleux, Lea Job Showed side effects: weakness and slight fever. This vaccination didn't take place in the reporting practice, time to onset of symptoms and date of recoverys a well as cornect products are are unknown. No more case relevant data available. Case closed. (Beason for use for product: Generic DPPP LV BERNER MORNING-SPP SOURDS 500 Beason: Vaccination Generic: EFF0*40(CT,GM/GRPP,BRAT) XB Brand: NOBIN/AC L4 SORIDS 540 Reason: Vaccination (State of health: Unknown)	Other Canine/dog		Nobivac L4 - 1,N/A,N/A ,24,once (01/01/2016- 01/01/2016)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,once (01/01/2016-01/01/2016)-BR> 	B - Possible	
NOBIVAC L4 DEU-MERCKM		Germany	Animal	Canine/dog				1		R> Yes	Swollen tongue, Ciral swelling Facial swelling (see also 'Skir'), Ernesis	No Data	Saspected adverse reaction: I puppy was vaccinated with Nobivas SPPP and Nobivas C L4 (unknown if simultaneously or concurrently) on 21 Jun 17 by the reporting vet. 2 to 4 hours after vaccination the dog showed facial swelling, slowly including tongue and throat area as well as emesis according to the owner. The dog was represented at the vet and received therapy with Gluccorolicids and Cerenia injection, which showed immediate improvement. 30 min to 2 hours after therapy the dog was received again. Alternating vets level of suspicions is probable — A note: previous vaccination with Versican L4 Zoetis was tolerated well. Case closed. PL 23 JUN 2017; case also received from PEI via electronic importation. With added VetORAC does woulden longue as this was coded by PEI. East medication used for treatment: Imil Rapideson « Cerenia Q.Gmil (Reason for use for product: Generic DMPPI LV Branch NOBINGAC SEMP) SIGNIS 620 Reasons (Vaccination Generic: LEPTO*4(TC_CAN_CRIPP_BRAT) (3B Brand: NOBIVAC L4 SOXIDS 540 Reason: Vaccination) [State of health: Unknown).	German Spitz - Giant Spitz		Nobiwa: L4 - 1,N/A,N/A, 24,once (01/106/2017-01/00/2017-01/00/2017-01/00/2017-01/00/2017-01/00/2017-01/00/2017-01/00/2017/-BR>-BR>- (01/06/2017-01/06/2017)-BR>-BR>-	B - Possible	
NOBIVAC L4 DEU-MERCKM		Germany	Animal	Canine/dog		06/06/2017		1 1		R> Yes	Anaphylaxis,Facial swelling (see also 'Skin'),Generalised itching	No Data	Sapected Adverse Reaction: A dag (Plug. 8 years old) was vascinated with Nobiva: SIPPT plan Robiva: Let no fi.an 2017. About 20 mitusel steet is showed anaphysic reaction with general Itching and facial swelling. Not presented to vet. Recovered soon without treatment. No further details. [Reasor for use for product: Generic DHPR IV DB and NOBIVAC LPPI 100015 127 Beacon: Vascination] (State of Pleath): Gastron Vascination)	Pug	Not Known	Nobivac L4 - 1,N/A,N/A ,24,1 Dose (06/06/2017- 06/06/2017):BR> Nobivac SHPPi - 1,N/A,N/A ,24,1 Dose 1 Animal (06/06/2017- 06/06/2017) 	B - Possible	
NOBIVAC L4 DEU-MERCKM	MSD-2017-DE-01294	Germany	Animal	Canine/dog	Not Known	01/06/2017	08/06/2017	1 1	0 01/06/201	7 Yes, BR> Yes	Anaphylaxis, Generalised itching, Facial swelling (see also 'Skin')	No Data	Suspected Adverse Reaction: A dog (Mixed breed, 6 7- kg) was vaccinated with Nobivac SPPP) plus Nobivac Lei hi zu 2017. About 25 ministic safer it showed analypicatic reaction with general Inching and facial swelling. Not presented to vet. Recovered soon without treatment. No further details. (Reason for use for product: Generic DiPPII) LV Branch. NOBIVAC SPPPI XINDS 122 Reason: Vaccination Generic: LEFTO*QICT_CAM_GRIPP_BRAT) KB Brand: NOBIVAC L4 10XLIDS 540 Reason: Vaccination Generic: LEFTO*QICT_CAM_GRIPP_BRAT) KB Brand: NOBIVAC L4 10XLIDS 540 Reason: Vaccination (State of health: Good)	Crossbred	Not Known	Nobivac L4 - 1,N/A,N/A,24,1 Dose 1 Animal (01/06/2017- 01/06/2017)-BR>-BR>Nobivac SHPPI - 1,N/A,N/A,24,1 Dose 1 Animal (01/06/2017- 01/06/2017) >BR>	B - Possible	

	DEU-MERCKMSD-2017-DE-01407	Germany	Animal			12/06/2017	26/01/2018	1 1	. 1		R-sBr-yes, GBP-sBr-yes BR-yes	Aggresion, Behavioural disorder NOS, Timpited vision, Death by euthansals, hyperthermia, Lethargy decease, and the consolitation of the consolitation depression in Perurous system depression. We revenue system d	No Data	SAR: A day was vaccinated with Nobbacs SPPP and Nobbac L1 simultaneously and Nobbac T concurrently or 1.2 bits 20.72 in the afterword to be same day the dogs showed lethargy and weakness. On the next day L13 Juni) the dog additionally showed behavioural changes (usually very wested day, now very agreeable towards for unusual sleeping places such as the count, which he never did before). On 14 Juni the situation was the same and no 15 Jun around 13 pm the dog was persented to the practice in a status epilepticus and hyperthermal (40.5° degree). Treatment was initiated with Diazapam, at first rectal and then intravenous. In the energing was started not unumal primocolarity. At that time the dog was already out of the status but cill weak. Furthermore from 15 unit 27 jun the dog had visual deficiences. In the signals, The dog is currently still under treatment in the very practice. No further neoreological void vulgelipticus and was plant the first sour treatment with large blood provided in the signals of the sig
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01445	Germany	Animal	Canine/dog	13 Year(s)	29/05/2017	28/06/2017	1 1	. 0	14/06/2017		General liless, Elevated renal parameters, Weahness, Elevated liver enzymes	No Data	SAR - SLEF. A dog (breed: Kromfohrlaender) was vaccinated on 28 May 2017 with Nobbucs LSPP and Olibbra CL. 8 Detween approx. 14 and 21 Ln 27 the dog turned ill and weaks. Blood analysis were performed and showed strongly elevated liver and renal values (por exact values given). A leptospirosis infection was suspected (SLEF). The dog was transferred to a vaccinitation, and the possibility of a SAR, worsning of pre-exesting emprisons due to succination. Further diagnostics performed: -ray, ultrasound abdomen, complete blood analysis including infectious disease profile, organ profile and blood chematry. No abnormal findings, except above mentioned highly elevated liver and renal values. FUP from 03 Jul 27. Dog didn't improve, despite renal values beeg back to normal and liver values improving. Possible uthrasais was mentioned by the vet etions. Note: reporting/lattending vet's level of supportion is unclassified of.). She believes, the dog that many medical unloping problem, which are nor leikly to have caused the symptoms (liph age, chronic dental calculus with constant bacterial infiltration, and highly elevated liver entymes siready before vaccination). Giase cleen. (Pensor for use for product: Generic LEPTO*4QICT,CAM, GNIP7-BRAT) KB Brandt NOBIVAC LI 300LDS 540 Reason: Vaccination Generic. LEPTO*4QICT,CAM, GNIP7-BRAT) KB Brandt NOBIVAC LI
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01451	Germany	Animal	Canine/dog	5 Year(s)	08/06/2017	30/06/2017	1 3	1	10/06/2017		General lilens; Elevated renal parameters, for log (protraumatic demantis), Erculatory collapse (see also Neurological and Systemic disorders'), Death by euthansisi, Anoresis	No Data	Suspected adverse reaction: 1 dag was vaccinated with Nobinac SHPP and Nobinac Let concurrently on Considered Ministry of the Construction of the
	DEU-MERCKMSD-2017-DE-01477	Germany	Animal		5 Year(s)	01/06/2016	23/06/2017	1 1				Claw / hoof / nail loss	Not Known	SAR: One day was vaccinated with Nobinez L4 in in xx 2016 by another vet. The animal owner reported move to the attending vet that approx. 3 weeks after vaccination the day started to lose all claws. Treatment with antibiotic showed improvement and new claws started to grow. No histological examination was performed. Exac elocal. (Reason for use for product: Generic: LEPTO*4[CT_CAV_GBIPP_BRAT] XB Brand: NOBINAC L4 IDXIDS 540 Reason: Vaccination] [State of health Good)
	DEU-MERCKMSD-2017-DE-01478	Germany	Animal			24/05/2017		1 1	. 0		R> Yes	Facial swelling (see also 'Skin'),Vomiting,Apathy,Unresponsiv e to stimuli	No Data	Suspected adverse reaction: 1 dog was vaccinated simultaneously with Nobbac SHPP and Nobbac 14 Labrador Not All May 17.3 millionizes after vaccination the dog was re-presented to the vet with the following symptoms: facial swelling, strong pasthy, unresponsiveness and vonntiling, no respiratory deficiencies were observed. The attending wet treated the dog immediately with Desamethasone and the dog recovered within 1 hour. Attending wet treated the dog immediately with Desamethasone and the dog recovered within 1 hour. Attending wet treated the dog immediately with possible 5.8 Note: the dog was vaccinated with Nobbac Ton 22 Jun 17 without any problems. Case closed. [Reason for use for product. Generic: USFOTO*4[CT_CAN_GRIPP_BRAT] KSB Rend: NOBINAC L4 SOXIDS 540 Reason: Vaccination] [State of hashits Good!]
	DEU-MERCKMSD-2017-DE-01479	Germany	Animal	,,,,	20 Month(s)	01/06/2016	23/06/2017	1 1	. 0		Not Known	Respiratory signs, Fever	Not Known	SAR: 1 day was varcinated with Noblavic Lis in Jun 16 at another vet. The owner reported now to the Rodesian 3.5 Noblavic Lis Val. NAM.PA. 24.1 Dose Unknown 1 Animal (D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(D)(
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01482	Germany	Animal	Canine/dog	4 Month(s)	20/06/2016	23/06/2017	1 1	. 0	10/08/2016	Not Known, No, R> Not Known	Lack of efficacy (parvovirus)	Not Known	SLEE: One dag (born 30 Mar 2016) received that vaccination of Noblavac SHPN, Nobbarc L4 and Noblavac L4 brador 7 no 20 jui an 2016 Earts abal Use: dog not 15, sweeks old; Alternators the dog showed severe diarrhoea. Treatment was started without success. On 17 Aug the dog gain received infusion and was forwarded to a clinic. There PKR for Paravorius was postible differentiation showed field virus.) The dog was treated and then encovered. Case closed. (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC SHPPI IDXIDS 122 Resson: Vaccination Generic: EPTO** GLCC, MORRIPPBRATO BS Brand: NOBIVAC T IDXIDS 540 Reason: Vaccination Generic: EPTO** GLCC, MORRIPPBRATO BS Brand: NOBIVAC T IDXIDS 540 Reason: Vaccination of Eneric EPTO** GLCC, MORRIPPBRATO BS Brand: NOBIVAC T IDXIDS 540 Reason: Vaccination of Eneric EPTO** GLCC health: Copie 1 Arimal 200/G6/2016-98P-S8P-Vaccination (Start or health: Good)

NOBIVAC L4		Germany	Animal	Canine/dog	14 Month(s)	19/06/2017	07/11/2017	1 1	0 2	8/06/2017	R>-GR-Yes	reactive protein, Basophilia, Walking difficulty, Inconditation, Unsteady gall, Increased sensitivity to cound, Apathy, Unitration, Ahnormal menace reflex test, Elevated temperature, Finandon, Ahnormal menace reflex test, Elevated defereation, Commodor(openia, Involuntary) defereation, Convulsion, Atlaxia, Trem bling, Circulatory collapse (see also "Neurological" and "Systemic disorders"), Localised pain NOS (see other "SOCs" for specific pain)	No Data	SAR. On 19 Jun 2017 a dag (breed: German Pinscher) was vaccinated with Nobwac SHPPI and Nobwac Ld for the first time Previous vaccination (10 Jun 2016) had been performed with non-company vaccine(s), 0n 29 Jun 2017 the dag was presented to the reporting wet due to restlessness, trembling / tremor, uncoordinated walking (ataxal) s) splayed legs, and pastly, which had begin on ed by before (2 Jun). Additionally, the dag showed oestrus symptoms (not coded). Veterinary examination revealed elevated body temperature (38.1-17 and apin at the verterbard column including neck area. Examination of cranial nerve function and abdomen was without findings. A meniagencephalist was suspected as well as breed-related reaction to vaccination. Blood examinations were performed. Results: mild thromboor/openia of 112 G/1 (Peri 143-448 G/I), high-grade basophilia 232 / Jul (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), and (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactive protein) 24.1 mg/l (ref: 0.100 /Jul), elevate (RC) (-reactiv	German Pinscher B n	13.2	Nobiwa (L4 - 1,N/A)/A ,24,1 Dose Not applicable 1, Animal (19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017- 19/06/2017-	B - Possible	
	DEU-MERCKMSD-2017-DE-01521	Germany	Animal	Canine/dog	3 Month(s)	30/06/2017	11/07/2017	1 1		0/06/2017	Yes, <b R> Yes</b 	Emesis,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Injection site pain	No Data	Suspected adverse reaction: I puppy (age at time of vaccination. 8 weeks, breed: Roolkerhondje) was vaccinated with Nobucs SPHP and Noblawc L4 simultaneously on 30 Jun 17 by the reporting yet. 2 minutes after vaccination the dog showed circulatory collapse and emesis. Therapy initiated with initiation. Fast recovery within the following bur. For the following 1-2 days the dog showed painfulness at injection site. On approx 02 Jul 17 the dog was recovered again. Case closed. [Reason for use for product. Generic CHPFI V I Brant. NOBIVAC L4 SOXID5 540 Reason: Vaccination] State of Path Kong Committee Characteristics of the Character	Canine/dog	4.6	Nobivac L4 - 1,N/A,N/A ,24,once (30)/06/2017- 30)/06/2017/sBR> Nobivac SHPPI - 1,N/A,N/A ,24,once (30/06/2017-30/06/2017) >BR>	B - Possible	
	DEU-MERCKMSD-2017-DE-01525	Germany	Animal	Canine/dog	11 Year(s)			1 1	0 2	9/05/2017	R> Yes	also 'Behavioural disorders'), Disorientation, Elevated temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Hypersalivation	No Data	Siapected adverse reaction: 1 dag was succinated with Nobiwac SHPPI and Nobiwac 14 (unknown if simultaneously or concurrently) or 28 May 2017 by the reporting vet. Afer how to late on the same day the owner called to report that the dog showed some form of "left hand twist", letharge, elevated temperature (no exact value available), hypersalvation, and disorientation for 1 day. Attending vet's level is probable – A Note: the dog is a diagnosed thyroid patient who receives treatment. No further examination, diagnostics and therapy performed. Ease closed. [Reason for use for product: Generic: DMPPI LV Branch ADBMAC SHPP) SIGNOS 520 Reasons: Variation Generic: LEPTO"4(CT,CAN,CRIPP,BRAT) KB. Brand: NOBIVAC L4 50XLDS 540 Reason: Varcination] [State of health: Unknown).	Beagle	14.4	Nobivac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (29/05/2017-28/RS-RBR-Nobivac SHPFI - 1,N/A,N/A, 24,0nce (29/05/2017-29/05/2017)-RB>-RBP-	B - Possible	
NOBIVAC L4		Germany	Animal	Canine/dog	16 Year(s)	26/01/2017	14/07/2017	1 1		5/01/2017	R×BR×BR>Yes, KBR BR>KBR>Not Known	Abnormal breathing.Allergic reaction,Facial swelling (see also 'Skin')	No Data	Suspected adverse reaction: I puppy was booster vaccinated with Nobbac L4, Nobbac T and Virbager Parvo concurrently on 26 Jan 17 (age: 14 bewels), Approx. 15 bours after vaccination the dog was represented to the vest with an allergic reaction (head and facial swelling), breathing stertorously). Therapy initiated with Soul-ectorn in injection, thereafter improvement. Further therapy was not necessary and the dog was recovered on 26 Jan 17 Attending vet's level of suspicion is probable – A. Nobbac T was tolerated well. Case closed. [Reason for use for product: Generic: EETO*40[CT_A0MPRP_BRAT] NB ERROR MOBINACT SOURCES 540 Reason: Vaccination Generic: RABIES IN ALU ADULVANT IV Brand: NOBINACT SOURDS 50 Reason: Vaccination Generic: Brand: Virbages Panno Reason: Vaccination 150.	Other Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,once (26/01/2017 - (26/01/2017 - 26/01/2017 - 8R> Nobivac T - 1,N/A,N/A, 24,once (26/01/2017 - 26/01/2017 - 26/01/2017 - 1,N/A,N/A, 24,1 Dose Unknown 1, Animal (26/01/2017 - 26/01/2017 - 8R> <	B - Possible	
		Germany	Animal	Canine/dog	Month(s)	01/05/2017		1 1		1/05/2017		Anaphylactic-type reaction,Circulatory collapse (see also 'Neurological' and 'Systemic disorders')	No Data	Suspected adverse reaction: I dog was booster vaccinated with Nobbac L4 at the end of May/ beginning of June 2017 (eacut treatment adds unknown) by the reporting vet. Seconds (for case entry reasons 5 sconds chosen) after vaccination the dog showed an anaphylactic like reaction and collapsed, but without breathing difficulties. The attending vet inmediately injectic Ortisone and after approx. 15 min the dog was recovered again. Attending vet's level of suspicion is probable = A. Case docsd. (Reason for use for product Generic LEPTO-QTC,TAM,GRIPP,BATA) IX Brand: NOBIVAC L4 10X1D5 540 Reason: Vibooster vaccination) [State of health: Good]	Medium size Poodle	Not Known	Nobivac L4 - 1,N/A,N/A ,24,once (01/05/2017-01/05/2017) -BR> -BR>	A - Probable	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01610	Germany	Animal	Canine/dog	13 Year(s)	01/01/2017		1 1	0 2	0/07/2017	Not Known	tack of efficacy	Not Known	SILE for Lepto A vet reported about her own dog (Nustralian Shepherd, 33 years old), which had received yearly vaccinations with Nobbusc Le (lexact dates unknown) and due to several linesses? unclarified symptoms (see medical conditions) was now (approx 20 Jul) tested for leptospriosis antibody tetters: bristable 1-6600, comprehenged 1:200 australia 1:100, pomonal 2:00 gripotyphosis 1:6400, sakeobeing 1:800, autumnalis negative, cincola negative (ref. value for all titers < 1:100). Therefore, a lack of efficacy of the vaccine was suspected. Medical conditions 1:00 23 Jan 2016 was treated due to a vestibular syndrome (nystagmusi) of approx 6 minutes duration. Similar signs were seen in the night of 12/13 Jal 2013 and 2016 and all 2017, regressing under treatment with Amoudiling (Youkhor acid treatment. Cought quiding night), with his interedities lince approx 4 Amoudiling (Youkhor acid treatment. Cought quiding night), with his interedities lince approx 4 vaccination. Bornella, Ethicita, Auglipiuma, Babelia all treat, interespitate who more information respected Current outzome six uniforma. Case Cooked. (Reason for use for product. General LEPTO*4(CT.CAN/GRIPP,BRAT) KB Brand: NOBIVAC L4 50X105 540 Reason: Vaccination) [Sate of health: Interespitate.	Australian Shepherd Do _l	25	Nobbisc L4 - N/AN/A.1 Versiz-32,Unknown 1 Years Unknown (01/01/2017-01/01/2017)-8R>-6R>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01723	Germany	Animal	Canine/dog	10 Year(s)	24/07/2017	08/08/2017	1 1	0 2	5/07/2017	NO, <br <</br 	Injection site swelling Vointing Dilabetes swelling Vointing Dilabetes mellitus, Unable to stand, Anorexia, Annorma I test result-Allergic reaction, Elevated C- reactive protein, General illness, Hyperglycaemia	Other	Supected adverse reaction: I dag which is known to have atopic skin diseases, was checked by the attending web teams in should be vaccinated soon. All blood whee, also functionamine and blood glucose, at this time had been normal. All atopis-medications had been stopped at this time, to get a good immune response after vaccination. On 24 Jul 17 the does was vaccinated with holives CFMP, Nobbixo L4 and Nobbixo T supposedely simultaneously (it is not clear, if the product was mixed in one syringe, contradictionsy information given, EUI transterner program not respected.) On 25 Jul 17 the ong was presented to the attending wet due to onging symptoms and the dog was unable to stand and showed inflammatory swelling on injection site. The injection site swelling only listed a few days. But the dog was forwarded (immune complex-type, serum-type), with CRP (-reactive protein) increased to 250 (unknown reference values.) Blood glucose and frinctosamine level were increased, so that the dog is now under treatment with Insulin and a diabetes mellitus was diagnosed. Case closed. [Reason for use for product. Generic Insulin Standard (NOBIVAC LE SOXIDOS 540 Reason: Vaccination Generic: LEPTO*4(ICT_CAN_CRIPP_BRAT) is Brand: NOBIVAC LE SOXIDOS 540 Reason: Vaccination Generic: RABIES IN ALU ADJULYANT KV Brand: NOBIVAC T SOXIDOS 560 Reason Vaccination (State of health: Good)	West Highlan White Terrier	10	Nobwa (14 - 1.N/A,N/A 24,once [24/07/2017 - 24/07/2017-8R8R3-Nobiwa S99PI - 1.N/A,N/A 24,once [24/07/2017-8R8R3-Nobiwa CT - 1.N/A,N/A 24,once [24/07/2017-24/07/2017-24/07/2017-8R3-SR3-SR3-SR3-SR3-SR3-SR3-SR3-SR3-SR3-S	B - Possible	

NOBIVAC L4	DEU-MERCKMSD-2017-DE-01733	Germany	Animal	Canine/dog Canine/dog		15/08/2017	16/08/2017 16/08/2017	1 1	1 15/08/20 0 09/08/20	R> Yes	shock,Death,Respiratory arrest	No Data	Suspected adverse reaction: 6 puppies [2 litters] were vaccinated with Nobivac SHPPI and Nobivac L4 simultaneously on 15 Aug 17 by the reporting vet. 1 of these succinated puppies showed approx 3-4 sec after vaccination slight withinpering and right thereafter reportatory arent. The vet immediately initiated adrenalin and cortisone injection, oxygen and artificial respiration but nothing helped and approx 2-3 minuse later the dog ided. A therding ver's level of suspicion is probable - A and she believes an anaphylactic shock caused the reaction. Note: the other 5 puppies were fine and without any reactions. Case Goode. [Reason for use for product: Generic ISHPR IV IS Brand: NOBIVAC HIS SOURCES OR Reason: Basic immunization Generic: LEFTO*4[CT_CAM_SRIPB_RBT] KB Brand: NOBIVAC HIS SOURCES OR SO	Continental Toy Spaniel - Papillon (with erect ears)	Nobivac L4 - 1,N/A,N/A, 24, once (15/08/2017- 15/08/2017)-BR>=68*Nobivac SPPP - 1,N/AN/A, 24, once (15/08/2017-15/08/2017)-BR>=6R> Nobivac L4 - 1,N/A,N/A, 24,1 Dose	B - Possible N - Unlikely	
											(parvovirus),Malaise		vaccinated with a non-company vaccine and second time on 18 Jul 2017 with Nobivac SHPPI and Nobivac L4. Approx 2-3 weeks after the second vaccination for the 6gt showed parovinoises symptoms. Examinations were performed on 09 Aug and 16 Aug. Fecal examination (PCR) revealed Paravoivus antigen 2a, 2b and 2c. The 6gd is in a very poor condition, end stadium paravoiviss. The vet was asking if the disease might be caused by the vaccine virus (SAR) or if the the dog was infected by a field virus due to a lack of efficacy of the vaccine (BEET). The vet's causal assessment is known. No more information expected. (Reason for use for product: Generic: DHPPI LV Brandt. NOBIVAC SHPPI SORIDS 620 Reason: Vaccination Generic: LETO*4(DCT,CAM,GRPP,BRAT) KB Brandt. NOBIVAC L4 SORIDS 540 Reason: Vaccination Generic: LETO*4(DCT,CAM,GRPP,BRAT) KB Brandt. NOBIVAC L4 SORIDS 540 Reason: Vaccination (Excit and SART).	Canine/dog	Not applicable 1 Animal (18/07/2017-18/07/2017)-BR->BR-Nobivac 5HPPI - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (18/07/2017-18/07/2017)-BR->BR->BR->		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01786	Germany	Animal	Canine/dog	5 Year(s)	15/08/2017	21/08/2017	1 1	o 18/08/26	(17 Yes, 6BA-6BA-6B P>GR3-GR3-GS SBR3-GBR3-GBR3-GBR3-GBR3-GBR3-GBR3-Yes	a,Polyuria,Renal	No Data	SAR: On 13 Aug 2017 a dag was vaccinated with Nobius SHPP and Nobiuse L4 simultaneously and Nobiuse T concurrent; The dog had been vaccinated regularly before: Nobius C4 every year (Islat time in Jun 2016) in combination with Nobiuse T, or with Nobiuse SHP and Nobiuse T every 3 years. Previously he had never shown any problems after vaccination and had been healthy. Approx on 13 L 19 Jung 2017 (3-4 days after vaccination) the dog showed inappetence, Po/ PU (lws surisating in the apartment) and variously. The survey are intrinsipated to the reporting vet with a pathly and the above mentioned symptoms. Additionally, the dog was presented to the reporting vet with a pathly and the above mentioned symptoms. Additionally, the dog had lost weight perporx 4 lgs Uriner was examined without special findings, except a very low density, Bloods revealed a renal resultricency and elevated liver enzymes: Use 33 Sept (-23), Cas 21 (Sef1.3), ALT 485 (ef1.01), Endosphora and calcium elevated, hematocint elevated. X-rays were without findings. Blood examination had never been performed before on this dig because the had always been healthy. The vet is caula sessement regarding vaccination is 0 unclassified. The dogs currently under treatment with infactions and medication for cause. Suppl.com; previous undetected subclinical renal insufficiency 3 SRR to succination? Introduction 15 to 10 calcium 15 to 10 c		Nobbac L4 - 1.N/A/N, 2.4.1 Dose Not applicable 1.4 nimal (15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017- 15/08/2017-	O1 - Inconclusive	
	DEU-MERCKMSD-2017-DE-01795	Germany	Animal	Canine/dog		02/08/2017		9 9		IZ Yes, ERBRB R>-BR>-BR>-BR GRGR>-GRGR BRBR>-Not Known	of efficacy (endoparasite NOS)	No Data	Reason for treatment: vaccination, bloody diamfose Isuspected Giardia infection ISLEE: On 20 Aug. 2017 a little of 19 sover pupples from one breeder were vaccinated at an age of 2 weeks with Noblows. SHPP and Noblows L4 for the first time. On 14 Aug the dogs showed strong bloody diarrhea. The breeder suspected Giardia infection, therefore started retention with Plancarule caceap resembland, treatment dates and dosage etc. unknown, Petpasta end approx 14 - 17 Aug 2017 was entered as best guess). However, no improvement was seen. When presented to the reporting ever, test for Giradia was negative. Fecal examination was positive for Corona virus. Treatment with an antibiotic (Clavaseptin) was started and the dogs recovered unknown when exactly). One of the pupples was tested in another vet practice (due to new owner) for Panovirosis with a Quidic Test, which was positive then sent to a certified lab for retesting (PCR) and upon FU phone call on 28 Aug It was reported that only vaccine stariam was found, no field with strain. The reporting vet therefore seen or efficacy problem with either of the products. Case closed. Or 5ep 17 Follow-up assessment PEI (MCA) (Reason for use for product: Generic UPPRI V J Branch NOBIWAC L4 SOXIDS 540 Reason: Vaccination Generic: EPINEMOLO ONAL PARTE Brand: PANACUR PETPASTE 10X4,8GR 122 Reason: Diarrhea/ Suspected Giardia infection) (State of health: Good)	Boxer (German Boxer)	Nebbac L4 - 1.N/N/N A 24.1 Dose Not applicable 1-A inhimal (02/08/2017-02/08/2017-08-N-Bh-Nobhac SHPP1 - 1.N/AN/A 24.1 Dose Not applicable 1-A inhimal (02/08/2017-02/08/2017)+BRBB-Panacur PerPaste - N/AN/A/MA N/A,Unknown Unknown Unknown (14/08/2017-17/08/2017)+BRBR-		
NOBIVAC L4	DEU-MERCKMSD-2017-DE-01827	Germany	Animal	Canine/dog	8 Year(s)	24/08/2017	25/08/2017	1 1	0 24/08/20	IZ Yes,cBR>cBR>CBR>CBR>EBR>Yes, CBR>BR>CBR>CBR> BR>CBR>BR>CBR>CBR>		No Data	SAR: On 24 Aug 2017 at 6 p.m. an 8-year-old, male intact, Bernese Mountain Dog of 47 kg was vaccinated with Nobucs SPPP and Nobbuc 14 simultaneously, and Nobbuc 17 concurrently for the first time. Previous vaccinations had been performed with non-company vaccines without reaction. The dog had been in a good state of health and vaccination was performed according to feafler. Approx. 4 minutes after application the dog was re-presented to the vet practice due to hyperventilation, annually partition, but the contraction was suspected and the dog was treated with Cortisone and Infisions. However, on improvement was some in The dog was therefore forwarded to a vet clinic, where he received another dose of Cortisone and was monitored over right. Next day (25 Aug) the dog had recovered. No further symptoms occurred Case closed. (Resentor for sus for product Generic LPRP) LV Brant NOBIVAC. 5HPPI SOUTIOS 200 Reason. Vaccination Generic: LPTD*4(CT,CAN_GRPP_BRAT) XB Brand: NOBIVAC LS 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic: RABIES IN AUL NOLIVANT IX* Brand: NOBIVAC TO 200105 540 Reason. Vaccination Generic	Bernese t Mountain Dog	Nobiwa L. 4 - 1,N/A/N / 2,41 Dose Not applicable 1,4 Inimal (24/08/2017-2 24/08/2017-88-N-Bh-Nobiwac SHPH - 1,N/AN/A, 2,41 Dose Not applicable 1, Animal (24/08/2017-24/08/2017)-6R-Bh-Nobiwac T - 1,N/AN/A, 2,41 Dose Not applicable 1,4 Inimal (24/08/2017-24/08/2017)-6R-Sh-Nobiwac T - 1,N/AN/A, 2,41 Dose Not applicable 1,4 Inimal (24/08/2017-6R-Sh-Sh-Nobiwac T) - 1,4 Inimal (24/08/2017-6R-Sh-Sh-Nobiwac T)	B - Possible	

	-MERCKMSD-2017-DE-01853	Germany	Animal	Canine/dog	3 Month(s)	07/12/2016	30/08/2017	1	. 1	14/12/2016	>sBr>Br>Br}	Abnomal test result Bacterial sidu microtion NGS, Bistering Gee also Application is et SOL, Sain intimemation NGS, Swoodlen eye, Abnomal utrasound finding, Abnomal association froming, Abnomal sidu sociation froming, Abnomal sidu sociation froming, Abnomal sidu sociation froming, Abnomal sidu sociation, Abnomal sidu sociation, Abnomal	Not Known	Suspected adverse reaction. 1 puppy was booster vaccinated with Nobines CIA (unknown) if coursely of contracting of the eyes, prolips of the nicitating membrane, avoilen lymph nodes (unknown) if collaborate of prematings, welling of the eyes, prolips of the nicitating membrane, avoilen lymph nodes (unknown if collaborate) prematings, welling of the eyes, prolips of the nicitating membrane, avoilen lymph nodes (unknown if collaborate) and walking on a leg (unknown when recovered) and cramps in the whole body with "Credit," Therepy with Mesterna was initiated, from beginning of alexany 2017 up until exhibitation of Stag 12 feet dogs showed intermitted fever (leading at times size to 46° - Eclosis, which disolated on early with representation of the stage of the distribution of the contraction of the stage of the size of the
NOBIVAC L4 DEU	MERICKASO-2017-DE-01912	Germany	Animal	Canine/dog	4 Year(s)	27/07/2017	14/09/2017	1	0	21/08/2017	NO_ERR~ERVE R <br~vbr~vbr~vb «BR~ERVEBR~ERV BR~ERVEBR~</br~vbr~vbr~vb 	Lack of efficacy	Other	SitE for Legion A quer cité, femile doig (Glant Schnauszer, 27 kgl in pool condition was vaccinated with Colonia Chapter Park Park Verbier Chapter 27 Jui 2017 by the vet Lift, Juniced in 5 junice plant and source plant plant Park Verbier Chapter 27 July 2017 by the Colonia Chapter Chapter Chapter 27 July 2017 by Chap
NOBIVAC L4 DEU-	MERCKMSO-2017-DE-01923	Germany	Animal	Canine/dog	3 Year(s)	23/11/2016	18/09/2017	1	0	30/11/2016	Yes, 	Injection site lump, Histocytoma	No Data	SAR: On 18 Sep 2017 a vet reported that her cown dog had shown a similar reaction after two curcinations, one in 2018 and one in 2017, On 23 No Voltice It of the dogs as voicinated by the succinations. One in 2018 and one in 2017, On 23 No Voltice It of the dogs as voicinated with Notibac It is multiple of the supportance of the support of the support of the support of the supportance of the support of the s
NOBIVAC L4 DEU-	I-MERCKMSD-2017-DE-01941	Germany	Animal	Canine/dog	5 Month(s)	15/09/2017	20/09/2017	1	L O	16/09/2017	Yes	Head tremor	No Data	SAR: On 15 Sep 2017 a dog Podento-Mir, female. 5 months old; the dog living at the owners since 2 Other Most Mobile Lat. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
NOBIVAC L4 DEU-	1-MERCKMSO-2017-DE-01948	Germany	Animal	Canine/dog	12 Week(s)	15/09/2017	11/10/2017	1	L o	20/09/2017		Arisocoria, Tachypnoea, Ocular discharge, Joint pairulaw pairufever	No Data	Suspected adverse reaction: On 15 Sep 17 one dog was vaccinated simultaneously with Nobivac SHPFI Labrador and Nobivac L4. On 35 Sept 17 the dog was again presented to the vet due to fever (40,0°C), pain at the Retriever amount of the sept of the dog was again presented to the vet due to fever (40,0°C), pain at the Retriever and to adjourn and carpal joints of the fore flee, Also associous, mid purulent eye discharge and to adjourn a decreased at the life of the fore flee, Also associous, mid purulent eye discharge and to adjourn a verentification. The real process of the streeting vet flows and left from flee glowed on abnormalities. The day are streated with Symulous and Metacam and presented to the attending vet again on 22 Sept. Fee decreased at life life (10,0°C), problems with a strain place of the process of the process of the first of the streeting vet again on 22 Sept. Fee decreased at life life (10,0°C), problems with a strain place of the process of the carpal joints, Note: Day received only on a contraction or the first of the vet observed a mid office again groads. Case colored, Flow pain 10 CT. 17 to 23 Sept 17 symptoms had improved and on 25 Sept the dip bare covered except ongoing (or existent) of this. At last examination on 10 CT 17 the day was before it office instrument is ongoing. No more information expected. Case closed. (Reason for use for product. Generic DHPPI IV Brand- NOBINAC L4 SOVIDS 540 Reason: Vaccination State of health: Good

NOBIVAC L4						Year(s)	05/08/2016	07/12/2017	1 1	o :	15/08/2016	Yes, GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-	Rettles.ness.hypersallwaton.fplep tester seller selling.Termbiling.Unsteady again.coordination.Rolling.Lack of response to owner		Reason for treatment: vaccination, unknown Supported Adverse Reaction: On 05 Aug 2016 a Whipper was vaccinated with Nobbac SHPN, Nobbuc L 3 and Nobbuc T- for the first time Previous vaccination had been performed with non-company vaccines. Booster vaccination of Nobbuc L 4 was performed on 05 Sep 2016. On 31 Jul 2017 (so inhauto ne year late ly the dog showed following symptoms, described by the vet a sepleptic seizure: at first strong trembling of the whole body, not responsive to owner, unsteady again (incoordination, failing over time his obeg baselt, hypersalhotton, no unination of defecation, but when trying to get out of his basket was rolling on the floor around it's longitudinal axis. The owners held the dog down, so twould not hunt testing. After in total approx 20 minutes the dog recovered. On 27 Sep 2017 the dog showed another episode with the same symptoms. This time, video was taken, which was also seen by the vet. After the first episode in July a big blood check (Edc. organ profile, infectious travel diseases incl. toxoplasmosis, anaplasmosis, etc.) was performed and without althorman flindings. The dog was started on Karsisna 100mg 0.5 table. three daily since approx 30 Jul 31.7 Otherwise no treatment. After second episode Disaspeam Rectal tubes were handed out in case another episode occurs. Further examinations like MRI are planned, Note: The dog has a heart nummar since many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is nince many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is mee many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is mee many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is mee many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is mee many years [stat sexamined per utrasound in 2015 and classified as no treatment mummar is mee many years [stat sexamined per utrasound in 2015 and classified as n	s	14	Karsivan J00 mg - 5.1,12 Noun2,8,0.5 1846s 12 Hours 1 Animal (30,307,2017 Animal (30,307,2017 Months,2,4.1 Dose 1 Months 1 Animal (10,104,005,006,006,006,006,006,006,006,006,006	N - Unlikely	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-0	Germany	, Animal	Canir	ne/dog 3	.5 Year(s)	01/04/2016	19/10/2017	1 1	0 (01/04/2016	Not Known, Rot Known, Not Known, <br< td=""><td>Wheezing, Cyanosis, Abnormal test result</td><td>Not Known</td><td>Reason for treatment: Routine check up (endoparastic control/ Vaccination) SAR: In Apr 2015 a dog was brought to the vet office for orusine procedures. The owner tool the vet that the dog was wheezing at home and the guns seemed to be bluish. During examination the vet couldn't diagnose any of that and vaccinated the dog with Nobioxe Ld for the first time. The vet sent the dog home with Bravecto 5 and Milbernax. A few hours after given the tablest the dog showed bluish mucosa and started to wheeze. The treatment in a vet clinic is unknown but further diagnostic at the vet's office showed that the dog was heart womn positive. After treating the parasite the dog recovered completely. No turner information expected unliked case 2017-05-10370, cluster of case (same reporter). [Reason for use for product: Generic: RUBALANER CHEV TABLETS Brand: BRAVECTO 2500MS 21TAB ELV REASON EXTENDED TO CONTROLL T</td><td></td><td>8.9</td><td>Bravetco 250 mg Kustabletten für kleine Hunde (–5,2-10 kg) – 1,N/A,N/A, 24,1 Tablets Not – applicable 1 Animai (01/04/2016- 01/04/2016-68-RN-08IN/AC 14 10X105 540 (FEI) – 1,N/A,N/A, 24,1 Dose Not applicable 1 Animai (01/04/2016- 01/04/2016-88r-CBR-uninnown Millemax – 1,N/A,N/A, 2A,N/A (01/04/2016-01/04/2016)-BR-SBR-</td><td>No assessment performed</td><td></td></br<>	Wheezing, Cyanosis, Abnormal test result	Not Known	Reason for treatment: Routine check up (endoparastic control/ Vaccination) SAR: In Apr 2015 a dog was brought to the vet office for orusine procedures. The owner tool the vet that the dog was wheezing at home and the guns seemed to be bluish. During examination the vet couldn't diagnose any of that and vaccinated the dog with Nobioxe Ld for the first time. The vet sent the dog home with Bravecto 5 and Milbernax. A few hours after given the tablest the dog showed bluish mucosa and started to wheeze. The treatment in a vet clinic is unknown but further diagnostic at the vet's office showed that the dog was heart womn positive. After treating the parasite the dog recovered completely. No turner information expected unliked case 2017-05-10370, cluster of case (same reporter). [Reason for use for product: Generic: RUBALANER CHEV TABLETS Brand: BRAVECTO 2500MS 21TAB ELV REASON EXTENDED TO CONTROLL T		8.9	Bravetco 250 mg Kustabletten für kleine Hunde (–5,2-10 kg) – 1,N/A,N/A, 24,1 Tablets Not – applicable 1 Animai (01/04/2016- 01/04/2016-68-RN-08IN/AC 14 10X105 540 (FEI) – 1,N/A,N/A, 24,1 Dose Not applicable 1 Animai (01/04/2016- 01/04/2016-88r-CBR-uninnown Millemax – 1,N/A,N/A, 2A,N/A (01/04/2016-01/04/2016)-BR-SBR-	No assessment performed	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-0	Germany	, Animal	Canir	ne/dog 7	Year(s)	20/09/2017	08/12/2017	1 1	1	13/09/2017	NO, GBR>GBNO, R>GBR>GBNO, GBR>GBN>GBNO BR>GBNO	Epileptic seizure,Sudden death	Other	SAR. On 20 Sep 2017 one dog was vaccinated with Noblavic SHPPI and Noblavic T mixed in one syringe in the right flank by the vet [ELL, jiminthenous use and for Pt. Testemetre program on trespected.) Noblavic L4 was also administered at the same time with a second syringe fexact injection site unknown, ELU treatment program on trespected.) The dog had as a medical history of a central nervous disorder with blindness. 3 days later, the dog had epileptic seluruse each lasting for half an how. The dog had several seluruse over the next three days, it is unknown, if the dog slill has seluruse. So far, no treatment has been started. More information is expected. Follow-up information of 08 De 2017. According to the animal owner, the dog did not have any seluruse after the three day selurue period in september. However, the animal owners contacted the vet in November 2017 to eport, that the dog had died subdetily in the owners partment. No recopy had been performed. No more information expected. [Reason for use for product: Generic. DHPPI LV Brandt NOBINAC SHPPI 2010 SD 127 Resons Vaccination Generic LBPTO*A(CT_CANGINP_BRAT) NB Brandt NOBINAC SHPPI 2010 Interval.	(German Boxer)	28	Nobwa L4 - 1,N/N/N, 2,41 Dose 1 Aminal (20/09/2017)-888-Nobwa SHPP1 - 1,N/A/N/A/2,1 Dose Nob Nac SHPP1 - 1,N/A/N/A/2,1 Dose Not applicable 1 Animal (20/09/2017-20/09/2017)-20/09/2017-20/09/2017-888-Nobwa C - 1,1/N/A/N, 2,41 Dose Not applicable 1 Animal (20/09/2017)-888-889-	O1 - Inconclusive	
	DEU-MERCKMSD-2017-DE-0				ne/dog 8		10/10/2017	11/10/2017	1 1			R> No	Diarrhoea,Vomiting,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Fever	Unauthori sed dosage - administr ation not frequent enough	Suspected adverse reaction: I dog was booster vaccinated with Nobbxe C Pl and Nobbxe L Ho n I O Ctt 17.3 ominutes flare vaccination the dog collapsed and showed womitus, Gairnhar and fever, (40°C). Do was immediately treated with infusions, Dexametasone and antiemtic drugs and soon recovered. Attending wet's lend of supplicion is probable = A Notec: cast linked with 2017-06-20054, same practice. Case closed. [Reason for use for product: Generic: CANINE PRANINFLUENZA IV Brand: NOBINAC PS 30XIG 507 Reason: Booster vaccination Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] XIB Brand: NOBIVAC L4 SOXIDS 540 Reason: Booster vaccination Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] XIB Brand: NOBIVAC L4 SOXIDS 540 Reason: Booster vaccination Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] XIB	og Canine/dog	Not Known	Nobivac L4 - 1,N/A,N/A, 24,once (10/10/2017- 10/10/2017)+BR> Nobivac PI- 1,N/A,N/A, 24,once (10/10/2017- 10/10/2017) 	B - Possible	
	DEU-MERCKMSD-2017-DE-0		, Animal	Canir			13/09/2017		1 1			R>GBP>GBP>Yes, GBP>GBP>BP> BBP>GBP>Not Known, GBP>GBP >GBP>GBP>GBP> Not Known	Meningtis, Neuromuscular disorder NOS,Ferre, Neurological igins NOS,Limb weakness, Wound	No Data	Reason for treatment: vaccination, wound SAR: One dog (paynish mixed breed) with mild weakness in the hindlimbs was vaccinated with Noblows-IPPP and Noblows: 14 on 13 Sep 42 pill. 70. 08 Sept the down sorp resented to the veb teause of a wound at the dogs tall. Treatment with artibiotics and NSAIDs was started. On 2 of Cutting control visit of the wound the animal owner mentioned that the weakness of the limbs had worsened. Examination revealed problems with the back. On 10 Oct the dog was forwarded to a clinic as it suddenly showed high fever and neurological problems. According to attending vet the clinic diagnosed granulumatous menights, but it is unknown which examinations were performed. Treatment with Contions was started and the dog started to improve diamatically within 2 days. FU will be provided. Follow-up information of 17 Nov 2017: It was not able to retrieve further information from the vet the doil glosgnosed granulomatous menights. According to the attending vet the dogs is doing fine and reduction of Cortisone dose had already started without any problems. Case dossel. Reason for use for product Generic: Brand VID VB Rand: NOBIVAC L4 10X1DS 540 Reason: Vaccination Generic: LEPTO*4(DT.CAM,GRIPP,BRAT) ISB Brand: NOBIVAC L4 10X1DS 540 Reason: Vaccination Generic: Brand: Archibiolic Reason: Vaccination Generic: Brand: non-steroidal antiinflammatory Reason: Wound] [State of health: Good]	5	29.3	Not applicable 1 Animal (13/09/2017- 13/09/2017- 13/09/2017- BRBB-Noblac SHPP-1.NJAN/A./2.4.1 Dose Not applicable 1 Animal (13/09/2017- 13/09/2017-	O1 - Inconclusive	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-0	Germany	y Animal	Canir	ne/dog 1	3 Year(s)	12/10/2017	16/10/2017	1 1	0 :	14/10/2017	Yes, <b R> >Pes</b 	Blindness, Glaucoma, Cataract	No Data	SAR: 1 dog was vaccinated with Noblwac SHPPI and Noblwac L4 simultaneously on 12 Oct 17 by the reporting vet. On 16 Oct 17 the owner cralled to report, that the dig turned blind since the weekend (for case entry reason approx. 14 Oct 17 chosen). According to reporting vet, the owner went to an eye specialist and the dog was diagnosed and is in therapy now for catract, glausona. Reporting vet will contact us in case of an update, otherwise case closed. [Reason for use for product: Generic: DMPPI LV Branch NOBING-CSPHY IDIOSID 521 Reasons Viscoritation Generic: LEFIDY-4[CT_CAM_CSRIP_BRAT] KB. Brand: NOBINAC L41 IDIXIDS 540 Reason: Vaccination] [State of health: Good!	Shih Tzu	7	Nobivac L4 - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (12/10/2017- 12/10/2017)-BR> Nobivac SHPPI - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (1 Day(s) 12/10/2017-12/10/2017)-BR> 	O1 - Inconclusive	

NOBIVAC L4			Germany	Animal	Canine/dog	2 Year(s)	17/05/2017	26/10/2017	1 1		2/05/2017	Yes,-GBR->GR R->GBX->BR XGBX->GBX->GB XGBX->GBX->GBX->GBX->GBX->GBX->GBX->GBX-	Seture NOS, Death, Neurological symptoms NOS	Not Known	Reason for treatment: Proplysius's against ectoparasites SAR: on 17 May 2017 the vet vaccinated the day with Nobbers (P. Nobbac Ld (Rines) in the one side of the flank and Nobbac in the others ide. This was a routine renewal vaccination. The day was vaccinated at another wet before. The day was bedoing fine after the vaccination. The day was vaccinated at another wet before. The day was vaccinated at another wet before. The day was vaccinated at another wet before. The day and gave the salvice to wall one week to feed the tablest after vaccination. The cowner wanted to go on vacation so they fed Streacto persualby? Je's last ten or 19 May 2017. The day after that the day showed neurological symptomes. The owner brought it to a clinic. In the clinic the vet could only diagnose the death of the day fit is unincome, I day defor vas exchanisated. The owner to talk teathering wet that it had seitures. More information only expected if owner wants to contact us. Note: In July 2015 a complete blood pand range. [Reason for use for product: Generic: FLURALANER CHEV TABLETS Brand: BRANETCO 1000MS 2017AB EUI Reason: Prophylasis Generic: CANINE PARAMITURISTAL PRIEd TO 1000MS 2017AB EUI Reason: Prophylasis Generic: CANINE PARAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRABAMITURISTAL PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRIEd TO 1000MS 2017AB EUI REASON: Prophylasis Generic: CANINE PRIEd TO 1000MS 2017AB EUI REASON: Prophyla
NOBIVAC L4	DEU-MERCKMSD-2017	-D€-02085	Germany	Animal	Canine/dog	15 Month(s)	14/09/2017	14/03/2018	1 1	0 2		BR> Yes, <b R>
 Not</br </b 	Behavioural disorder NDS, Essianophilia, Lexcoptosis, Jiea ri murmur, Jahvular disorder, Vahvular insufficiency, Hipperaesthesia, Reluct move, Fever-Apathy, Abnormal test move, Fever-Ap	No Data	SAR: A Got II year old, mixed treef from Spain) was vaccinated with Robbus C 1914 By 2017. or 125 app 0.17 was presented to ave (for reporting well as emergency case with ADY C fever, apathy, shivering, leuxocytosis (1400 leuxocytes, reference 12000). Treatment with Front Social-One, Novolgian and social sections of the symptomic described: shivering, leuxocytosis (1400 leuxocytes, reference 12000). Treatment with Front Social-One (Novolgian and social sections of the symptomic recurrent fever, which worsened again and dog was presented to vet again on 0.2 Cct 2017. Symptoms described: shivering, fever, unmilling to move (lut able to move, no ataxis), hade older leuxocytosis (12000, reference 12000, mainly granulocytes) on 0.2 Cct 2017, so treatment with Symulox and Novolgin was started and dog was obige better. On 15 Cct 2017 the own sets ill not fully revolved leucorytosis (12000, reference 12000, mainly granulocytes) on 0.2 Cct 2017, so treatment with Symulox and Novolgin was started and dog was donig better. On 15 Cct 2017 the own of the symptomic remained unclear. The vet asked, if the vaccines could have triggered an amignant hyperthemia (only speculated) agreement of present and depends and then shows generaled shivering londows by fever. Otherwise the old genous only intermittent of the concerned dog, gash showed suddened for ever pictodes for the pasts 3-d day (front ADV C-du Cr. 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
NOBIVAC L4	DEU-MERCKMSD-2017	7-DE-02142	Germany	Animal	Canine/dog	Not Known	01/01/2017	26/10/2017	1 1	1 0	1/01/2017	Not Known	Death, Lack of efficacy	Not Known	Eosinophis were normal. Urine analysis was still of low density with specific weight of 1.005 (ref. 1.033-1.015), profit infining. Blood paramset leg loads or many was negative. SIEE: One dag was succinated with Nobhasc Li la 10217. According to the reporting vet, the dags was vaccinated before, however exact vaccination regime is unknown. On an unspecified date in 2017 the day of the reporting vet, diagnositics, have been performed from another vet and the dag was tested goodle for one servor with its included in the Nobhasc Li la vaccination. Note: This case was reported with minimal information. The reporting vet only heard from another dog owner about the case. Note information expected. [Reason for sex for product. Generic LEPTO*4](CT_CAN_GRIPS_BRAT) KB Brand: NOBIVAC L4 10XIDS 540 Reason: Vaccination] [State of health: Information.
	DEU-MERCKMSD-2017			Animai			28/10/2017		1 1		9/10/2017	NOT OCOMY, CBR-GR OCOMY, CBR-GR OCOMY, CBR-GR NOT OCOMY, CBR-GR OCOMY OC		No Data	Pleason for treatment: vaccinations 546: On 28 Oct 2012 a day was vaccinated with Noblwas C 1912 and Open and Noblwas C 1912 and Open and Noblwas C 1912 and Open and Noblwas C 1912 and
NOBIVAC L4	DEU-MERCKMSD-2017	7-DE-02170	Germany	Animal	Canine/dog	5 Month(s)	10/10/2017	03/11/2017	1 1	0 1	0/10/2017		Vomiting.Swollen face (see also 'Skin')	No Data	SAR: One day was vaccinated with Nobinac SHPPI and Nobinac L4 mixed in one syringe by the vet on 10 Pag 3.9 Nobinac L4 - 1,NAN/A, 24,1 Dose Not applicable 1 Animal (10/10/2017- his was the first time, the day received the product. 30 minutes after vaccination, the dog womthed once and had a right sided swollen face. The dog was treated with Zierfori and 30 minutes after treatment start the swollen face disappeared. No more information is expected, case is closed. [Reason for use for ground: Generic: CHPPI U. Branch NOBINAC SHPP 10/10/12 Zie Reason." Vaccination Generic: IEFTO* QICT_CAMP_RIPP_RRAT) KB. Branch NOBINAC L4 10XIDS 540 Reason: 10/10/2017/RBP-SHP-NOBINAC 10/10/2017/RBP-SHP-NO
NOBIVAC L4	DEU-MERCKMSD-2017	7-DE-02186	Germany	Animal	Canine/dog	4 Year(s)	07/11/2017	08/11/2017	1 1	0 0	7/11/2017	R> Yes,	Anaphylactoid reaction,Generalisec itching,Facial swelling (see also 'Skin')	d No Data	SAR. CD 7 Nov. 2017 a dog if spars old, 6.4 kg. Minh Abstees) was vaccinated first time with Nobinoc National Nov. 2017 a dog if spars old, 6.4 kg. Minh Abstees) was vaccinated first time with Nobinoc T so Nobinoc National Natio

	DEU-MERCKMSD-2017-DE-02223	Germany	Animal	Canine/dog	12 - 13 Week(s)	06/11/2017	21/11/2017	5 3		1	Yes, <b R> >GR>Yes</b 	Injection site swelling,Fever	No Data	Siapected adverse reaction: 5 pupples of 1 litter were vaccinated with Noblacc SHPFI and Noblacc L4 simultaneously on 60 Nov 17 by the reporting ext. On 88 Nov 17, 3 of the 5 vaccinated pupples returned to the practice with tennis ball size swellings at injection size and fewer (between 83 °C cfebius and 83 °C cfebius, 1 heavy with thorough reinsing/lavage for 5 days with Lavanis (Nacl and additionally antibiotic therapy. After approx 1 week (approx 15 Nov 17) all pupples were recovered again. Case closed. [Reason for use for product: Generic: OPPP LV Brand NOBINGC SHPP) SOILDS 620 Reason Second part of basic immunization Generic: EPPTO*LFQTCAS(REP)PRATI) Bis Brand: NOBINGC L4 50KIDS 540 Reason: Second part of basic immunization [State of health: Good]	Spaniel s r	07-Aug	Nobiwac L4 - 1,N/A,N/A, 24,once (06/11/2017-06/11/2017-06/11/2017)-BR>-BR>Nobiwac SHPPI - 1,N/A,N/A, 24,once (06/11/2017-06/11/2017)-BR>-BR>	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-02267	Germany	Animal	Canine/dog	7 Year(s)	20/11/2017	05/12/2017	3 3	1 0 2	0/11/2017	Yes, GBP-GBP-GB P-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GB	Diarrhoea, Bloody diarrhoea, Vomitting, Hypothermia, H ypoalburninaemia		SAR. On 20 Nov 2017 a chonocially ill dog was succinated with Nobbac P and Nobbac L 4 simultaneously mixed on one springe and with Nobbac T concurrently. Additionally, a blood sample was taken at the same visit prior to vaccination to check the liver values because of the chronic condition. The dog has a flishing of chronic diarbas which was treated with a special def. The dog was finally without symptoms a few weeks prior to the vaccination. On the day after the vaccination, on 21 Nov 2017, the vet called the owner for report the Bood values and the owner informed the vet that the dog started vomiting and diarrhea after the vaccination (searct time to onest unknown). One day later the dog had blood diarrhea and 34/tr Cobb quemperture (hypothermia). The owner trought the dog to a nemergency clinic. FU expected. Additional information: The dog had fasted before the vaccination because of the blood draw. Blood results from 15 Sep 2017 and 20 Nov 2017 were recheed (values prior to vaccination). On 15 Sep (small blood court, organ profile including renal and liver values, 50MAC, canne pancreate (pass, folic act), 40 Hz 12, and C11 = Typpis-Hale Immunoreactivity, Corticol, 71 AT (CPT) elevated to 155 U/(ref: <212), GLDH 61 U/(ref: <18), Tolk caid decreased to 7.8 ng/ml (ref 9-3-23.8), all other values within reference range. On 20 Nov (the profile and corticol): all within reference range except GLDH 22 U/(ref: <18), and folic acid ? 9 rg/ml (ref: 9-3-23.8) elimprovement of all values.). If Orm 50 Dec 2017. The vertex reported that a new blood check hade been performed in the vertex clinic (exact results not available). Abumin was decreased. According to the vert this change was caused by the form ogning; strong darme. In the meanwhile, the dig has recovered and is back. The contract of the product Generic Cause Costa, (CA), (C	Miniature s Poodle	5.8	Nobwa CL - 1,11/A,10 pos Not applicable 1,4 nimal (20,11/2017- 20,11/2017)-18 nobe Not applicable 1,11/A,10/A,24,1 bose Not applicable 1,11/A,10/A,24,1 bose Not applicable 1,4 nimal (20,11/2017- 20,11/2017)-685-685-Nobwa T - 1,11/A,10/A,24,1 bose Not applicable 1,4 nimal (20,11/2017- 20,11/2017)-685-685-Nobwa T - 1,11/A,10/A,24,1 bose Not applicable 1,4 nimal (20,11/2017- 20,11/2017)-685-685-	B - Possible	
	DEU-MERCKMSO-2017-DE-02283	Germany	Animal		10 Year(s)	03/08/2016	28/11/2017	1 1		8/08/2016		Behavioural disorder NOS.Aeucological signs NOS.Seizure NOS.Aeuc foot signs NOS.Seizure NOS.Aeuc foot signs nos.Seizure NOS.Aeuc foot signs nos.Seizure NOS.Aeuc foot signs nos.Seizure Seizure signs no		SAR. An owner reported that her dog (Podenco-Mis) was vaccinated with Nobwac L4 on 3 May 2016. 5 7 days lates the dog showed severe reactions. The personality of the dog changes it refused to go for walks (Yeddra selected: weakness), had coordination issues, but his appetite remained unaffected. 10 days after the vaccination the dog started to have episodes to lean against walk yeddra selected: neurological sign NOS) and to be unresponsive. 4 days later the dog had the first tout of 3 j selumes. The dog was agreed wall in a sudder. There was no accidental unration or detectation, in a vet emergency clinic several diagnostics (heurological rearmantion, MRI, Lupor) showed no abnormal selected as a considerable of the selection of the selection of the selection of the emergency clinic several diagnostics (heurological rearmantion, MRI, Lupor) showed no abnormal selection of the selection of the selection of the selection of the selection of the emergency clinic several diagnostics (heurological rearmant with Lumbal bad on fefect. The convert decidated or substance is the dog on 25 Sep 2016. No more information is expected. Case closed. [Reason for use for product: Generic LEPO*40(T.C.M.O.GRP.PRAT) KB Brand : NOBIVAC L4 10X1DS 540 Reason. Vaccination] [State of health: Good]		15	Nobwa (14 - 1,N/AN/A, 24,1 Dose Not applicable 1, Animal (03/08/2016-03/08/2016)-BR>-BR>	O1 - Inconclusive	
	DEU-MERCKMSD-2017-DE-02311	Germany	Animal		8 Week(s)	29/11/2017	06/12/2017	8 8	3 8 3		R>GR>GR>PE,	radiograph finding		SAR. On 29 Nov 2017 a litter of 9 puppies (Dreed. Crey German Shepherd) was presented to the reporting vet for vaccination at 8 weeks of age. The dogs were examined very thoroughly by two vets and appeared clinically healthy, had only slightly less body weight than expected for that breed at that age according to the vet (weight of an good) so. 5 kg. ref. 6 r. 9 (A.). Puppies sexcept one were vaccinated with Noblava SHPPI and Noblava. L4 simultaneouly. The ninth puppy was not vaccinated since the new owners didn't want the vaccination. On the next day in the moming one of the puppies was found deel / had died in his sleep without further symptoms. At midday another puppy did not wake up from his midday rest and was deed. On 02 and 030 e2 apuppies did on each day in the same way during their sleep. After death of the first two dogs on 30 Nov 31 other puppies were again thoroughly examined the vet on the same day, including songengly and x-rays without abnormal findings, except small radiographic changes in the lungs described as mid alweolar opacity. The lungs of the ninth, not vaccinated dog showed a much clearen on opaque picture. Northy before they ded the last two puppies had also developed mild respiratory symptoms. Otherwise no symptoms and no treatment had been given. The strike two deep duppies were examined pathologically, but showed on abnormal anothorical findings. Tookcological screening is still outstanding. The ninth non-vaccinated dog is alive and doing fine. All puppes had been devented a fine picture to vaccination. The vetter causal assessment is 0 succlassified. She dears't exclude congenital interbologically but showed on abnormal anothorical findings. Tookcological screening is still outstanding. The ninth non-vaccinated dog is alive and doing fine. All puppes had been devented a fine pupper to vaccination. The vetter causal assessment is 0 succlassified. She describ exclude congenital interbologically fust showed on abnormal assessment is 0 succlassified. She describ exclude congenital inte	German Shepherd Dog	5.5	Not applicable 1 Animal (2)(1/12)(17)(2)(17)(17)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)(2)	O3 - Inconclusive	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-02344	Germany	Animal	Canine/dog	4 Month(s)	11/12/2017	11/12/2017	1 1	0 1	1/12/2017	Yes, <b R> >BR>Yes, < BR> <</b 	Sneezing_Localised itching_Swollen face (see also 'Skin')	No Data	SAR: on L1 Dec 2017 a vet vaccinated a dog with Noblava SHPP and Nobivos L4 mixed in one springe and Nobivos T-separately. This was the first booter vaccination, (The first vaccination was 4 weeks earlier,) 2 hours after this vaccination the dogs started sneezing and was (trining its nose. Soon afterwards the nose and chaps were swollen. Other them that the dog was doing line. The vet treated the dog with homeopathics, traumed and small dose of predissionen. The dog recovered completely. No more information expected. [Reason for use for product: Generic: DPIP1 V Bradin NOBIVAC SHPPI JOINDS 122 Reason: Vaccination Generic: BBIES IN ALU ADILIVANT KY Branch NOBIVAC TUDIOS 502 Reason-Vaccination Generic: EIPOT-VQIFL_CAM_GRPP_BRAT) KB Branch NOBIVAC L4 JOINDS 500 Reason: Vaccination Generic: EIPOT-VQIFL_CAM_GRPP_BRAT) KB Branch NOBIVAC L4 JOINDS 500 Reason: Vaccination Generic Sealors.	Chihuahua	2	Nobiwac L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (11/12/2017- 11/12/2017)-BR>-BR>Nobiwac SHPP1 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (11/12/2017- 11/12/2017)-BR>-BR>Nobiwac T - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (10 ayds) 11/12/2017- 11/12/2017)-BR>-BR>-Nobis 11/12/2017-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2017-DE-02353	Germany	Animal	Canine/dog	5 Month(s)	08/12/2017	13/12/2017	1 1	0 1	3/12/2017	Yes, Yes, R> Yes, ER> 	Diarrhoes, Vorniting, Lameness, Recumbency, Collapse (see also 'Cardio- vascular' and System (see also 'Cardio- vascular' and System (see also 'Cardio- disorders'), Urable to rise	No Data	SAI: on B Dez 2017 a 5 month old dog was vaccinated for the first time with Nobivac SHPN, Nobivac L 4 (mixed) and Nobivac 7 (separate). The dog was doing fine afterwards. On 13 Dec 2017 the dog showed vomiting and diurthea. It was treated with Antibiotics and a dief was fed. The next day the do, was lame in its front left leg, had trouble standing up by itself and collapsed because it couldn't hold up itself amyone. No fever occurred at any time. During a neurological examination all reflexes were prompt. The Blood results were without findings. After a Metacam injection the diarrhea and the vomiting stopped on 15 Dec 2017. The neurological symptoms are without improvement. Now the doj is treated as inpatient and is on Duphamox and Caprofen treatment. No further information expected Note: the doj is damaging the household of its owner. An introsication can't be excluded. (Reason for use for product: Generic: DPPP I U 8 Fland: NOBIVAC SHPP 120015 122. Reason: Vaccination Generic: EPPT 4 (ITCA, MSIGPIR SBAT) MS Brand: NOBIVAC L 5 50015 508 Reason: Vaccination Generic: EPPT 4 (ITCA, MSIGPIR SBAT) MS Brand: NOBIVAC L 5 50015 508 Reason: Vaccination (Seneric: SBABES IN ALU ADJUVANT KV 8 rand: NOBIVAC T 10XIDS 620 Reason: Vaccination) (State o health: Good)	5 - -	9	Nobisct 4- 1,1M/AN/A, 24,1 Dose 1 Animal (08/12/2017- 08/12/2017)-889-887-Nobissc 5/6PP-1,1M/AN/A, 24,1 Dose 1 Animal (08/12/2017)-887-888-Nobissc T- 1,1M/AN/A, 24,1 Dose 1 Animal (08/12/2017)-888-888-Nobissc T- 1,1M/AN/A, 24,1 Dose 1 Animal (08/12/2017-08/12/2017)-888-888-	O1 - Inconclusive	

NOBIVAC L4		Germany	Animal	Canine/dog	11 Year(s)	08/01/2018	14/01/2018	1	1	0 1	11/01/2018	Not Known,-BRY-BR >>BR-BR-BR Not Known,-BRY-BR Not Not Known,-BRY-BR Not Known	Injection site haematoma, injection site lump, Anoreais, Peer-Spiele hypertrophy, Lump, Ahommal utrasound finding Haematoma NOS, Prolonged activated partial thrombits time (APTT), Enlarged lymph node (localised), Wound	Not	SAR: On Bill an 2018 a 11-year old dog was routinely vaccinated with Nobbuck SHPR, Nobbuc 14 and Nobbuc 1. Approx. one week before the vaccination the dog had asal bleeding. This bleeding stopped by Itself and no cause could be found during examination on 08 Jan 2018. Nasal bleeding happened at least one more time in the past. Or 11 Jan 2018 in the late aftermoon the dog showed a termis ball by furning the meta-the area the dog was vaccinated in. The right away consided wit diagnosed a hematoma, because the lump was filled with blood. The vet lot the owner it will issolve by Itself but it got worse. The hematoma seems to be spread out and was like a collar from the right front leg to the left. Additional these were lumps under the jaws and on the belly. On 13 Jan 2018 when the dog refused to eat including his treats the owner went to a vet clinic. Upon clinical examination the dog had fever and enfanged mandibular hymn hode. The dog was hospitalized and treated with fruitions and antibiotics. Blood tests showed an elevated activated partial thromboplastin time. (BPTT) Toxin involvement could be excluded. Nevertheless the dog was treated with fruitions and semend to recover. An ultrasound of the abdomen showed an enlarged and inhomogeneous spleen and in the right settles owner want look splical section of the subsective of the properties of	Other Canine/dog	24.5	Nobbac L - N/AN/AN/A A2A.Unknown Not applicable 1 Animal (86/01/2018- 860/01/2018-86-88-Nobbac SHPP - N/AN/AN/A, 2-4, Unknown Not applicable 1 Animal (86/01/2018- 860/01/2018-860/01/2018- 860/01/2018-860-88-Nobbac T - 1,11/AN/A, 2-4, I Dose Not applicable 1 Animal (86/01/2018- 1 Animal (86/01/2018- 08/01/2018-08-88-88-Nobbac T - 1,11/AN/A) - 2-4, I Dose Not applicable 1 Animal (86/01/2018- 08/01/2018-08-88-88-	B - Possible	
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00063	Germany	Animal	Canine/dog	45 Month(s)	11/01/2018	15/01/2018	1	1	0 1	11/01/2018	Yes	Facial swelling (see also Skin'),Dyspnoea,Reddening of the skin,Allergic reaction,Allergic pruritus	No Data	SAR: On 11 Jan 2018 a dag was vaccinated with Nobiva L for the first time (previous vaccinations with Nobiva ca both able ento learned well), approx 6 house late in the evening right he showed an allegic reaction: skin reddering at the face and abdomen, facial swelling (eyes were completely closed by swelling), disponee, and generalized purtus, mainly at the abdomen. The down sort services of the swelling of the abdomen. The down sort services are the redderived to the control was presented to an energency vet clinic and treated with Preddiscione. On the next day in the morning (12 Jan), when presented to the reporting vet, the symptoms had improved. Another treatment with Preddiscione and Novalgin was performed. At control visit on 13 Jan the dog had fully recovered. Case closed. [Reason for use for product. Generic: LETO* LIGHT, CAM, GRIPP,BRAT] KB Brand: NOBIVAC L4 10X1D5 540 Reason: Varcination] [State of health: Good]	Crossbred	7	Nobiwa: L4 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (11/01/2018-11/01/2018) BR>	A - Probable	
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00090	Germany	Animal	Canine/dog	8 Week(s)	01/06/2017	26/01/2018	1	1	1 (01/06/2017	Yes, <e R> Yes</e 	Death	No Data	SAR: A Gg [Breed Grey German Shepherd) was vaccinated with Nobbus C14 SPIPP and Nobbus L1 smultaneously approx. in Jun 2017. It is unknown how many littlem-nates were vaccinated at the same time. By that time the dag was 8 weeks old. 8 days after vaccination the dag was dead. No more information available. Case Lodes. Note: Since there is a Listed or Reports from that breeder the case Is linked to case 2017-06. 2021. [Reason for use for product. Generic. DPPPI LV Branck NOBIVAC SPIPP JOINTO 12 FERSON Vaccination Generic LEPTO*4[HCT,DAM,GRIPP_BRAT] XB. Brand: NOBIVAC L4 10XIDS 540 Reason Vaccination [State of health. Good]	German Shepherd Dog	5.4	Nobivac L4 - 1,N/A,N/A, 24,one syringe mixed with SHPPI (01/06/2017-BR>-BR>Nobivac SHPPI - 1,N/A,N/A, 24,in one syringe with Nobivac L4 (01/06/2017- 01/06/2017\BR>-BR>	O1 - Inconclusive	
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00113	Germany	Animal	Canine/dog	3 Month(s)	18/01/2018	08/02/2018	1	1	0 0)2/02/2018	Yes, <cbr>Yes</cbr>	Elevated lactic acid dehydrogenase (LDPI),ncrasea percentage reticulocytes,Elevated creatine-kinase (CK),Levacocytosis,Lymphocytosis,Neutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla,Lack eutrophilla, Lack eutrophilla, Lack eutrophilla, Lack eutrophilla, Lack eutrophilla, Elevation eutrophilla,	No Data	SAM/SLEE Initial report on 2 February, On 18 Jan 2018 approx. rine 8-week old pupples full cases are entered spearably but linked liver was cristed with Noblaws SPPP and Nobbau 6.4 simultaneously. More details were received on 8 February 2018. Pupply (75.14) showed no symptoms, but as Leptosprosis inferior (noisy vaccination ration) was suspected, blood examination was performed. External bis values showed flucucytics 15.7 G/I (ref. 6-12 G/II), increased erticulocytez 392 G/I (ref. 6-10 G/II), microspected (3.7 Jan 19 G/I), increased entered (3.7 Jan 19 G/I), increased (3.7 J	Irish Wolfhound	15	Nobbac L4 - 1.11/A.N/A 2.4 mixed in one syringe with 5PP0 [15/01/2015 in 80.15 mixed in one syringe with 5PP0 [15/01/2015 in 80.15 mixed in one syringe with 1.4 [15/01/2015 in one syringe with 1.4 [15/01/2015 in one syringe with 1.4 [15/01/2015 in Service with 1.4 [15/01/2015 in Servic	O - Unclassifiable/unassessable	
	DEU-MERCKMSD-2018-DE-00120		Animal	Canine/dog	2 Year(s)	01/02/2018	06/02/2018	1	1	0 0	01/02/2018	Yes, <6 R><6 R><6 R><6 R><6 R><6 R><6 R><6	Facial swelling (see also 'Skin'),Pruritus,Anaphylactic-type reaction	No Data	SAR: A Mattese-Mix was succinated in beginning of Feb 2018 with Nobbucs SHPP, Nobbuc L 4 and Nobbucs T, Mer Join - Is the day drowed swelling in face and general pursuits. Dog was treated by viet with Soludecortin and soon recovered. The day received basic vaccination with same sproducts in 2016 without any problems. Case closes. Onlec Case Is linked to 2018-0F-0012 (jame reporter, animals are siblings, live in different households) and 2018-0F-00122 (jame reporter, other animals, Reason for use for product: Generic OPPIN UP strants (NOBIVAC SPIP) (2015) 227 Reason: Vaccination Generic IEPTO*4 (ITC,TAN,GRIPP,BRAT) KB Brand: NOBIVAC L1 (2015) 540 Reason: Vaccination Generic RABEIST NLQ ADJUVANT KV Brand: NOBIVAC T 10XLID5 620 Reason: Vaccination [ISate of health: Unknown]	Crossbred	Not Known	Nobiwac L4 - N/A,N/A,N/A 24,Uriknown Not applicable Uriknown (I01/02/2018- 01/02/2018)-BRBR-Nobiwac SHPPI - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (I01/02/2018- 01/02/2018)-BRBR-Nobiwac T - N/A,N/A,N/A, 24,Uriknown Not applicable Uriknown (I01/02/2018- 01/02/2018-BRBB)-	B - Possible	
NOBIVAC L4	DEU-MERCKMSO-2018-DE-00121	Germany	Animal	Canine/dog	2 Year(s)	01/02/2018	22/02/2018	1	1	0 (11/02/2018	Yes, CRX-CBX-YES RX-SRX-YES RX-SRX-SRX-YES RX-SRX-YES, CB RX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-S	Vomting.Anaphylactic-type reaction.Facial swelling (see also 'Skin').Pruritus	No Data	Reason for treatment: vaccination and womiting SAR: A Maltisce- Mix was vaccinated in beginning of Feb 2018 with Nobuse SFPM, Nobuse L. and Noblova C. Their 1-2 in the dog Numed vomition and was treated by vet with Cerenia. After 4.5 hours it showed swelling in face and general prurius. Dog was treated by vet with Southcortion and soon recovered. The dog received basic vaccination with same products in 2016 without any problems. Case closed. Note: Case is linked to 2018-96 00020 (same reporter, animals are sellings, lev in different households), 2018-96-0012(jame reporter, enhands are sellings, lev in different households), 2018-96-0012(jame reporter, enhand Reason Vaccination Generic: ETPORICTEAN, SCRIPP BARTI & Branch NOBIVAC 1 IDXIDS 540 Reason: Vaccination Generic: RABIES IN ALU ADJUVANT RV Brand: NOBIVAC 1 IDXIDS 520 Reason: Vaccination Generic: Brand: Cerenia Reason: Vomiting] (State of health: Unknown)	Crossbred	Not Known	Nobbac L a (FEI) - NI,AN/AN/A NA/LNifnown Not applicable Unknown (01/02/2018- 010/2/0318-Ben-Resh-obbwac 518P0 (FEI) - 1,NI/AN/A, 24,1 Dose Not applicable 1-Animal (01/02/2018- 01/	B - Possible	

NOBIVAC L4		Germany	Animal	Canine/dog	1.5 Year(s) 3 Month(s)	01/09/2017	06/02/2018 06/02/2018	1 1	0	01/09/2017	Yes, <br< br=""> R> <b< td=""><td>Vomiting,Tremor Diarrhoea,Fever,Vomiting,Lack of efficacy,Elevated</td><td>No Data</td><td>AR: In approximately Sep 2017 a day was vaccinated with Notivas CSPR*, Nobivac L4 and Nobivac T. Bernese Inter a short time (each conset is unknown) the day showed tremand vanionits and was treated with Outstand and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information and recovered. Reporting vet did not place to the product Generic ABIST DEPRIY DISTORE (ABIST DEPRIY B Brand: USBIVAC T 10XIDS 522 Reason Vaccination Generic LEPTCY4(CT.CAM, CRIPP, BRAT) XB Brand: USBIVAC T 10XIDS 620 Reason: Vaccination [State of health: Good] ARXISTE: Install report on 2 February, On 18 Jan 2018 jangoux, nine 8-week old pupples (all cases are Worthcomed) 15 Nobboac L4 - 13/(AN/A), A2, Allose to the Value of t</td><td></td></b<></br<>	Vomiting,Tremor Diarrhoea,Fever,Vomiting,Lack of efficacy,Elevated	No Data	AR: In approximately Sep 2017 a day was vaccinated with Notivas CSPR*, Nobivac L4 and Nobivac T. Bernese Inter a short time (each conset is unknown) the day showed tremand vanionits and was treated with Outstand and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information, because the day was unknown and recovered. Reporting vet did not have further information and recovered. Reporting vet did not place to the product Generic ABIST DEPRIY DISTORE (ABIST DEPRIY B Brand: USBIVAC T 10XIDS 522 Reason Vaccination Generic LEPTCY4(CT.CAM, CRIPP, BRAT) XB Brand: USBIVAC T 10XIDS 620 Reason: Vaccination [State of health: Good] ARXISTE: Install report on 2 February, On 18 Jan 2018 jangoux, nine 8-week old pupples (all cases are Worthcomed) 15 Nobboac L4 - 13/(AN/A), A2, Allose to the Value of t	
											ROBADA/18	enida, juerateu BUN, Abnormal text result		The control of the co	
	DEU-MERCKMSD-2018-DE-00156	Germany	Animal			18/01/2018	20/02/2018	1 1			Yes, GRI-CBR-CB	ecressed hæmoglobin,increased percentage reliculocytes, Pecreased red blood cell count, Elevated total bilirubin, Elevated BUN, Hyperphosphataemia, Hypopr otenaemia, Hyperphosphataemia, Hypopr otenaemia, Hypershalemia, Hypopr otenaemia, Hypershalemia, Hypopr ersult, Lack of Efficacy, Elevated temperature, Inappetence, Vomitting, Diarrhose, Alvertophilla, Lymphopen ia, Elevated creatine-kinase (CK)		ARSSETE install report on 2 rebrany, On 18 Jan 2018 approx. Inter 8-week toll pupples were concluded with Nobbox CHPF and Mobbox L4 simulaneously, More deals) were received on 8 without on 2018. On 31 Jan 2018 poppy "Nate" (3229) was presented with nappetence, diarrhoes and omiting to the reporter. Emperature was 3APC included in betts showed increased all blinkship. The control of the control	
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00158	Germany	Animal	Canine/dog	3 Month(s)	18/01/2018	20/02/2018	1 1	o	31/01/2018		Hypochtoraemia, Elevated lactic acid delydrogenae (ICH) Elevated creatine-kinase (CK), Elevated creatine-kinase (CK), Elevated anylase, Decreased packed cell vollume (ICV), Decreased haemoglobin, Increased percentage reticulocytes, Elevated lagisac, Decreased for elid buckeried and the contract of the	No Data	ARASEE: initial report on 7 February Cost 3 Jan 2018 pagrox. nine 8 week old pupples (all cases are fixed separately but histed were veaculated with Noblous CFP9 and Nobbux CE 1-47 multimerously. Wolffbound force details were received on 8 February 2018. On 31 Jan 2018 pupply "Normie" (7348) was presented with Noblous CFP9 and Nobbux CE 1-47 multimerously. Wolffbound look of services to the reporter. External but whates for this pupply aboved succeptions 20.4 Get [ref. 6-12 Get], erythrosytopenia 4.2 F7 if (ref. 4.9-8.8 371), too fow hemmoglobin 3 grid (15.0-509), flore-exceed heamstord (12.0) if (ref. 0-3.0-3), ill homothocytopenia 4.6 F7 if (ref. 4.9-8.8 371), too fow hemmoglobin 3 grid (15.0-509), flore-exceed heamstord (12.0) if (ref. 0-3.0-3) multiple model of the 15.5 Sept. (ref. 15.0-50 Grid), increased regeneral blood cells 57% (ref. 5.5 Sept.), improbacytopenia 59 (ref. 13.0-50), increased regeneral blood cells 57% (ref. 5.5 Sept.), improbacytopenia 59 (ref. 13.0-50), increased regeneral blood cells 57% (ref. 5.5 Sept.), improbacytopenia 59 (ref. 13.0-50), immosting 1.00 (ref. 0-170 ml), increased regeneral blood cells 57% (ref. 5.3-50 Get), immostly (ref. 13.6-1.0), immostly (ref. 2.3-3 mmostl), immostly (ref. 2.3-3 mmostl), immostly (ref. 2.3-3 mmostly (ref. 2.3-3 mmostl), immostly (ref. 2.3-3 mmostly (ref. 2.3-3 mmostl), immostly (ref. 2.3-3 mmostly (ref. 2.	ely

NOBIVAC L4		Germany	Animal	Canine/dog	8 Week(s)	18/01/2018	20/02/2018	1 1	0	31/01/2018	R> Yes	Thrombocytopenia, Eucocytosis, Lymphopenia, Neutrophila, Bloody diarrhosa, Inappetene, Lack of efficacy, Ahomenal test. Hypoalbumia emia, Hypperlai aemia, Hypoproticenemia, Hyperdosis, Calendaria, Elevated BUN, Elevated court, Lincased of the Charles of the Cha	No Data	SAR/SLEE. Initial report on 2 February, On 18 Jan 2018 approx. inne 8-week old pupples. (all cases are levish of the content of sparted by the liked) were verocrated with Noblose SPPF and Nobback 12 Minutlaneously. Willhound More details were received on a February 2018. On 31 Jan 2018 puppy "Nevel" (6559) was presented with hispatence and bloody darknose to the reporter. External lab values for the type pythowed elucocytosis 13.5 of /ref. 6-98.83 17/l), too low haemoglobin 89 /ref. 10.50-200 /ref. 6-98.83 17/l), too low haemoglobin 89 /ref. 10.50-200 /ref. 6-98.83 17/l), too low haemoglobin 89 /ref. 10.50-200 /ref. 6-98.83 17/l), too low haemoglobin 89 /ref. 10.50-200 /ref. 10
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00161	Germany	Animal	Canine/dog	3 Month(s)	18/01/2018	8 08/02/2018	1 1	0	02/02/2018	R×BR×BR>Yes	Hypercalcaemia, Lack of efficacy, Hypoalbuminaemia, Increas ed percentage reticulocytes, Elevated creatine-kinase (CKJ, Hyperphosphataemia, Lymphocytosis, Elevated lactic acid dehydrogenase (LDH), Neutrophilia	No Data	SAR/SLEE: Initial report on 2 February. On 18 Jan 2018 approx. inne 8-week old pupples: (all cases are with cheeking were received on affective with befolia were received on a February 2018. The pupply showed no clinical signs, but external alb wilds where received on a February 2018. The pupply showed no clinical signs, but external alb wilds showed lescoptosis 18.6 (rice 1.20 (film recreased received on 18 February 2018. The pupply showed no clinical signs, but external alb wilds showed lescoptosis 18.6 (rice 1.20 (film recreased received posts) and (ref. 3.000-9.000 (st)), lymphocytosis 4.5 (or 1.000 - 3.600 ur), lincreased DII 188 (vil 8 98 ur), increased CII 188 (vil 8 98 ur), increased April 188 (vil 8 98 ur), increased CII 188 (vil 8 98 ur), increased places (188 ur), increased places (
NOBIVAC L4	DEU-MERCHMSD-2018-DE-00162	Germany	Animal	Canine/dog	8 Week(s)	18/01/2018	08/02/2018	1 1	0	02/02/2018		Monocytonis, Elevated creatine- kinsae (CK), Increased percentage reticulocytes, Elevated Ijpase, Decreased red blood cell count, Elevated creatinine, Elevated BUN, Hypoproteinamia, Hypoalisu mianemia, Jack of efficacy, Neutrophilia, Lymphocytosi s, Hyperphosphataemia	No Data	SAN/SLEE. Initial report on 2 February, On 18 Jan 2018 approx. inne 8-week old pupples; (all cases are referred separately by this helps) were vacarisated with Noblaws Chemistrated With Noblaws Chemis
NOBIVAC L4	DEUMERICKMSD-2018-DE-00163	Germany	Animal	Canine/dog	8 Week(s)	18/01/2018	08/02/2018	1 1	0	02/02/2018		Leucocyous, Neutrophila, Lack Or efficacy, Hypoalbumia emia, Hyper efficacy, Hypoalbumia emia, Hyper et alaemia I, Hyperehosphata emia, Increased percentage, ased percentage, reticulocytes, Elevated creatine-kinase (KD, Elevated Locta add delaydrogenase (LDH), Monocytosis	No Data	SAN(SLEE Intital report on 2 February, On 18 and 2018 agrows, rine 8-week old pupples (all cases are visit) with the pupple of t
		Germany	Animal	Canine/dog		21/12/2017		1 1		22/12/2017	Not Known, BR >BR>CBR>CBR> Not Known	Head tremor	Not Known	SAR: One day was vaccinated with Nobinac SHPPi and Nobinac L4 on 21 Dec 2021 by the vet. This was labrador section of the second vaccination, the day last second value fine first vaccination. One day later, on 22 Dec 2017, the day Showed periodic headerenor. The tremor occurred daily when the day was in rest, however was to interrupt by distriction. The frequency of the tremor has decreased over the time. Six weeks after vaccination, the tremor occurs every one to two weeks. No more information expected, case closed. [Reason for use for podatic. Generic: Direct Value CARRIERO FORM LEGIS CARRIERO FOR
NOBIVAC L4	DEU-MERCKMSD-2018-DE-00225	Germany	Animal	Canine/dog	12 Week(s)	15/01/2018	3 27/02/2018	1 1	0	15/01/2018	Yes, Yes	Facial swelling (see also 'Skin')	No Data	SAR: On 15 Jan 2018 an approx. 3 month old day was vaccinated with Noblews SHPPI and Noblews L4 Simultaneously, It was the second vacciniston. The product ranne of the first vaccination is unknown. 30 minutes after the vaccination (the day was already at home) the face of the day was swellen. The vet injected contrione and the day recovered right away. No more information expected. Case closed. (Reason for use for product. Generic: CHPPI LY Brand: NOBINAC SHPPI IDXICID 540 Reason: vaccination Generic: EEPTO*4[ITC_AM_CRIPP_BIRAT] KB Brand: NOBINAC L4 10XILDS 540 Reason: vaccination Generic: EEPTO*4[ITC_AM_CRIPP_BIRAT] KB Brand: NOBINAC L4 10XILDS 540 Reason: vaccination Generic: EEPTO*4[ITC_AM_CRIPP_BIRAT] KB Brand: NOBINAC L4 10XILDS 540 Reason: vaccination Size for health: Good) 15,012,013,ERS-BR-WIDDING 15,012,013,ERS-BR-WIDING 15,012,013,ERS-BR-WIDDING 15,012,013,ERS-BR-WIDDING 15,01

NORIVAC 14	DEU-MERCKMSD-2018-DE-00245																	T
		Germany	mital	Cannet GOS	2.5 Year(s)	02/03/2018	05/03/2018		0 02/03/201	B NO_GRR~GR~B	Lateral recumbency, Loss of consciousness, Anaphpaissi, Low blood pressure, Paile mucous membrane, Decreased heart rate, Vocalisation, Shallow breathing, Emeis, (multiple), Muscle weakness NOS, Tachypnoea	Outel	Saspected Adverse Reaction (RAMI) Extra-Label Use (ELU) Gn 02 Mar 2018 an approximately 2.5-year-old with Reliminate Schnaeze was succinated with Nobbacs 4Phy, Robinez Let and Nobbac T simultaneously (all in one syringe, ELU). The dog originated from Agentina and was brought to Germany approx 1.5 to 2 years ago, but possessed no vaccination card, therefore previous vaccinations / vaccines used are unknown. No previous drug-related reactions were reported to the vet. After the vaccines were injected the dog was put down from the vet's table and a few moments later it shortly squesked and was lying in lateral recumbency. The vet helped the dog up, but there was weak to no muscle forms. While standingthe dog womited 1 limes (no unusual substances or foreign material was seen in the vomit), thereafter was put back on the table and bost consciousness. Mucous membranes were procellam with, heart almost not heraardig, bearbaing a first was very quick them slowed down and was shallow. Pupillary reflex was existent all the time. It was not possible to place a venous catheter (or but bod per sexuely, so the dog received subcanceous fluids (SeriorIudini) and Predivisione-acetate, and a heat pad. After approx 15 minutes the dog showed first signs of recovery and was stable after approx 1 bour of intensive textement, but still weak! It was sent home and received another fluid infusion on the next day (03 Marl), then completely recovered. No more information expected. Asse closed. Reason for use for product: Generic: DPIPU IV Brand: NOBMAC 1500 Season: Vaccination Generic: LEFTO*4(CT,CAA,GRIPP,BRAT) KB Brand: NOBMAC 110005520 Reason: Vaccination (State of health: Good)	Miniature Schnauzer	7.5	Noblact L4 - 1.N/A/N/A 2.4all vaccines in one syringe (1.0 ays) 02/03/2018-02/03/2018-02/03/2018-02/03/2018-08-N-08P-Noblact SHPP1 - 1.N/A/N/A 2.4all vaccines in one syringe (02/03/2018-08-N-68P-Noblact T - 1.N/A/N/A 2.4all vaccines in one syringe (02/03/2018-08-N-08P-Noblact T - 1.N/A/N/A 2.4all vaccines in one syringe (02/03/2018-08-N-08P	B - Possible	
	DEU-MERCKMSD-2018-DE-00257	Germany	Animal	Canine/dog	4 Year(s)	06/03/2018	08/03/2018	1 1	0 08/03/201	B Not Known, GRX-BR >GRX-BR>-GR> Yes, GBR-GBX-G R>-BR>-GR>Yes, GBX-GRX-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>	Elevated AST/Hypoglycaemia, Prolonged capillary refill time, Dehydration, Increased packed cell volume (PCV), Yomsting, Elevated SAP, Circulatory, disorder NOS, Weakness	No Data	SAR: A 4 year old dog was booster-vaccinated with Nobwac L4, Nobbac P and Nobwac T on 66 Mar 2028 (accinated with Nobwac STH4 and L4 in 2021 and T in 2025 without any problems). On 8 Mar in the morning the dog suddenly was weak and therefore presented to vet in a bad circulatory condition, capillary pressure fow 16 xet, edited by the control of the	Bernese Mountain Dog	Not Known	Influsions - NI/AN/AN/A 24_Unknown Unknown Unknown (IS/G3/2018-NI/A)-GBRBB-NoblovaC L4 - 1,N/AN/A, 24_1 Dose Not applicable 1.Aminal (06/G3/2018- 06/G3/2018)-GBRBB-NoblovaC PI - 1,N/AN/A, 24_1 Dose Not applicable 1.Aminal (06/G3/2018- 06/G3/2018)-GBRBB-NoblovaC T - 1,N/AN/A, 24_1 Dose Unknown 1 Aminal (06/G3/2018-BB-NoblovaC T - 1,N/AN/A, 24_1 Dose Unknown 1 Aminal (06/G3/2018-BB-NoblovaC T - 1,N/AN/A, 24_1 Dose Unknown 1 Aminal (06/G3/2018-BBRBBR-	O1 - Inconclusive	FU expected.
	DEU-USMERIAL-16DE000321	Germany	Animal		6 Month(s)		19/07/2016	1 1	24/06/201	6 Not Known, BR >BR>BR>BR> Not Known	'Systemic disorders')	Not Known	As reported by the attending vet, a 6 months old, male intact Horawart was administered EURCAN SPRPQ (Batch L24592) and Noblova L6 simultaneously, Circl a minute after the daministration, the dag field down (coded "collapse"), showed pale mucous membranes and shock symptoms. The dag was treated immediately with furtion and the status immgrowed after 10-15 minutes, after further 20-25 minutes, the dag recovered completely. The dag was administrated the same combination of products before without any reaction. [Reason for use for product: Generic EURCAN SPRP2 Readol: EURCAN SPRP2 Reason: Unknown. Generic: Brand: Nobivac L4 Reason: Unknown.] [State of health: Unknown].	Other Canine/dog	Not Known	Eurican SHPPI2 - 1,N/A,N/A,24,1 dosage form 1 Animal (N/A- 24/06/2016) <bb><bb>Nobivac L4 - 1,N/A,N/A,24,1 dosage form 1 Animal (N/A-24/06/2016)<bb>>BB></bb></bb></bb>	B - Possible	
NOBIVAC L4	DEU-USMERIAL-170E000012	Germany	Animal	Canine/dog	16 Month(s)	01/12/2016	04/01/2017	1 1	1 02/12/201	G No, -CBR>-CB R>-CBR>-CBR>-CBR KNOWN, CBR>-CBR >CBR>-CBR>-CBR> NOT KNOWN, CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-	Leucoryonis, Splentis, Death by euthansia, Jethray (see also Central nervous system depression in "Neurological"). Feer Abdominal discomfort, Abdominal mass	Not Known	As reported by the attending vet a 16 months old female neutered Ministrute Poode of unknown weight was administrated MERIUMA 3, DOSINCX 5EPR, NOBINCX, 61 and NOBINCX, 13 and TOSINCX, 13 and TOSINCX 13 and TOSINCX 13 and 13 and 14 and	Miniature Poodle	Not	Merilym 3 - 1,11/A/N/A, 24,1 dosage form 1 Animal (01/12/2016- 01/12/2016-01/	OI - Inconclusive	
NOBIVAC L4	DEU-USMERIAL-17DE000244	Germany	Animal	Canine/dog	12 Week(s)	17/05/2017	07/06/2017	1 1	17/05/201	7 No, No	Angioedema,Facial oedema	Other	As reported by the attending set, a 12 weeks old, male intact Labrador Retriever, weight unknown, was administered EUROMA CHEPA, batch number 413/678, and Abbies L4, Batch number unknown, on the 17.5.2017 for primary vaccination. The two vaccines were applied mixed in one shot. Approximately 3 hours after the administration the dog showed an angoledam. He was trested with Predisciolore and had recovered within 5 hours. He had previously been vaccinated with Vinisc vaccines, without showing an adverse event. [Reason for use for product: Generic EUROAA CPP2 Bande EURICAN CHP92. Beason Primary vaccination Generic: Brand: Nobivac L4 Reason: Unknown.] [State of health: Informacy.]	Labrador Retriever	Not Known	Eurican SHPPI2 - 1,N/A,N/A,24,1 dosage form 1 Animal (17/05/2017- 17/05/2017)-RBR-SBR-Noblivac L4 - 1,N/A,N/A,24,1 dosage form 1 Animal (17/05/2017- 17/05/2017)-BR>-SBR>	B - Possible	
NOBIVAC L4	DEU-USMERIAL-17DE000245	Germany	Animal	Canine/dog	12 Week(s)	17/05/2017	18/05/2017	1 1	18/05/201	7 No, <br< td=""><td>Angioedema,Vomiting</td><td>Not Known</td><td>As reported by the attending ext, a 12 weeks old, male intact Labrador Retriever, weight unknown, was administered EURION ADN, Batch number L378-EI, and Nolivac L3, batch number unknown, on the 18.5.2017 for primary vaccination. The two vaccines were applied mixed in one shot. Approximately 3 hows a first the administration the dog showed an apposedment and vomitus. He was treated with Predrissions and Novaligine and remains under treatment at the time reporting (18.5.2017). [Reason for use for product. Generic: TRIVINGNA France EURICAN France EURICAN France Studies and Parador Studies of Studies (18.5.2017). [Reason Generic: Brand: Nobivac L4 Reason: Unknown.] [State of health: Unknown]</td><td>Labrador Retriever</td><td>Not Known</td><td>Eurican DAP - 1,N/A,N/A, 24,1 dosage form 1 Animal (18/05/2017- 18/05/2017-18R-s-BR-Noblivac L4 - 1,N/A,N/A, 24,1 dosage form 1 Animal (17/05/2017- 17/05/2017)-BR>-GR></td><td>B - Possible</td><td></td></br<>	Angioedema,Vomiting	Not Known	As reported by the attending ext, a 12 weeks old, male intact Labrador Retriever, weight unknown, was administered EURION ADN, Batch number L378-EI, and Nolivac L3, batch number unknown, on the 18.5.2017 for primary vaccination. The two vaccines were applied mixed in one shot. Approximately 3 hows a first the administration the dog showed an apposedment and vomitus. He was treated with Predrissions and Novaligine and remains under treatment at the time reporting (18.5.2017). [Reason for use for product. Generic: TRIVINGNA France EURICAN France EURICAN France Studies and Parador Studies of Studies (18.5.2017). [Reason Generic: Brand: Nobivac L4 Reason: Unknown.] [State of health: Unknown]	Labrador Retriever	Not Known	Eurican DAP - 1,N/A,N/A, 24,1 dosage form 1 Animal (18/05/2017- 18/05/2017-18R-s-BR-Noblivac L4 - 1,N/A,N/A, 24,1 dosage form 1 Animal (17/05/2017- 17/05/2017)-BR>-GR>	B - Possible	
NOBIVAC L4		Germany	Animal	Canine/dog		02/02/2015	01/04/2015	1 1	0 05/01/201	R> Yes, BR>CBR>NOT Known	Anorexis_Elevated liver enzymes_Tremor_Apathy,Bone and joint disorder NOS_Disorientation_Fever,Weight loss_Hind limb ataxia	Not Known	Reason for treatment: The prophylasis Healthy Alita hu (4 years, male neutr., 43kg) treated with one 1200mg and one Sefsing tables of Conditions one day after executation with L4 of hookas. Dog showed apathy, disorientation, tremor, ataxia of hind legs with dropped fetlock, ancresia and fewer (4.17°C). Fever was treated successfully with shapping (if Enroffscacine) and Vetaglin (Metantion)). Body temperature now is at 38.7° While disorientation and tremor went better, Ancresia and lack of walking still prominent and severe. Dog lost ½gof weight during last week. Blood caemination showed a light increase of liver enzymes, all other parameters were negative. Dog showed Aft the first time it gog it, buf far slighter than this second time. Strength ± 1 dos Dose ± Unknown (Reason for use for product: Generic: Spinosad Brand: Comfortis 1500 mg Reason: flea prophylasis Generic: Spinosad Brand: Comfortis 650 mg Reason: flea prophylasis Generic: tetravalent leptospirosis vaccine Brand: Noblvac L4 Reason: Unknown.] [State of health: Good]	Akita	43	Comforts 1520 mg (Sautabetten für Hunde - 1,N/A,30 Days,24,1 Tablet 1520 mg and 1 tablet 665 mg (05/01/2015-03)20/2015-988-28B-Comfortis 665 mg Sautabetten für Hunde - 1,N/A,30 Days,24,1 Tablet 1520 mg and 1 tablet 665 mg (05/01/2015-03)/02/2015-8R-<8B-NbObvac L4 (PE) - N/A,N/A,N/A,N/A, N/LOG (02/02/2015-N/A)-6BR-<8B>		
NOBIVAC L4	OK-BAYERBAH-2014-232860	Denmark	Animal	Canine/dog	5 Year(s)	24/07/2014	18/08/2014	1 1	1 25/07/201	4 Yes, <b R>BR>BR>Yes, </b 	Unconscious, Inappropriate defecation, Inappropriate unination, Cardiac arrest, Hypersalivation, Vomiting, Convision, Respiratory arrest, Death, Hyperaemic mucosae, Weathers, Lateral recumbency, Horizontal nystagmus	No Data	24-7:2014. Health check performed at local vet, vaccination included (Noblava BBP I+ Nobbacc La vet). The owner received a package of blavyarist that the owner applied on the dog for same day in the neck region. The day after on July 25, 2014 dog has salwation, seems lethargic and is womiting. The next couple of days the dog gets worse and to obeelep seleziure. To the right between 29-30 July the dogs condition worsers, and on the moming of July 30 the dog is lying on its side, urinate and defecate syntaneously. Owner contact veterionary emergency clinic. 30-7:2014; presented in lateral recumbency, spontaneous horizontal nyttagmus, mucosa hyperemic, t = 38.8, P 127 /min, not conscious, have blitten bit storage, consolisions weefind nestediol v13 x7ml (2 does size was lovely) good effect, abdominal palpation: normal, auskultation thorax: normal. The dog is hospitalized adabilized. Liquid / Lister low Bood pressure (stropine) and respiratory and heart arrest (adrealline), CPR for 10 minutes, dog declared dead. Reason for Treatment: Prevention of ticks and fleas. State of health at time of treatment: good	Labrador Retriever	35	Bayvanti Vet. Spot-on, oplswing til hunde 25-40 kg - 4N/AN/A, 10,1 dose (24/07/2014- 24/07/2014)-RBN-BR-NBDWG BBPI -N/AN/AN/A, N/AN/A (24/07/2014- 24/07/2014- 24/07/2014-24/07/2014)-BR-SBN-BBN-OBWG L4 wet. N/AN/AN/A, N/AN/A (24/07/2014-24/07/2014)-BR>-SBN-	No assessment performed	

NOBIVAC L4	DK-DEBIAHP-2015DK00046	Denmark	Avertal	Canine/dog	3 Month(s)	17/09/2015	14/03/2016		1	7/09/2015	NOL KNOWN,-BRI>-SB > -SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN	Aggression,Weight loss	Known	An eight months old, male, ministure Daschshund weighing 6 kg (29-DEC-2015) is reported to have showed behavioral changes and weight loss after treatment with Pesion for the indication of unspecified epilepsy. On 17-5e-p1-5 the dog was presented in the clinic for a check-up due to previous history of epileptics sizeture Selfore start of treatment with Pesion save every 6 weeks. When a seiture occurs the dog fall on the site and legs are running, dools slightly, uncommonly the dog unitastes and defectate during seturate. As the frequency and doration had increased Person 100 mg tablest treatment was instituted using a dose of 100 mg twice daily (dosage 15-22 mg/hg), dog weighted 6.6 kg when restment was instituted using a dose of 100 mg twice daily (dosage 15-23 mg/hg), dog weighted 6.6 kg when restment was instituted to meet the control of the contr	Miniature Dachshund		NOBINZC L4 - N/A/N/A/N /M/A/Inknown (L09)(317/09/2015- 117/09/2015)+RR-RB-Peeion 100 mg taletist for dept. 5-15.2/N/A:1 Hours, 15.2 mg/hg 12 Hou(s) 1 Animal [3 Montify] 17/09/2015- 29/12/2015)+BR~BR>		
NOBIVAC L4	DK-DKMA-V20140015	Denmark	Animal	Canine/dog	30 Month(s)	03/02/2014	10/04/2014	1 :	1 01	0/02/2014	Yes	Balance problem, Ataxia, Listless, Depression	No Data	SAR: Approximately 8 hours after injection the dog had become attack in the limbs, quiet and depressed, but with normal temperature (88.6 degrees celbuls), small degree of balance problems. No sign of sorness at injection site. Treated with the same type of vaccination 08-01-2014 without adverse effect. Resean for use for product. Generic. EEPO-VIGT_CAN_GRIPP_BRAT) KB. Brand: NOBIVAC L4 10X1D5 552 Reason: Unknown.] [State of health: Unknown]	Chihuahua	1.75	NOBIVAC L4 10X1DS 552 - N/A,N/A,N/A,N/A,1 vaccination (03/02/2014-03/02/2014) 	O - Unclassifiable/unassessa ble	Accidental IM Vx injections in small breed dogs have been seen to cause similar symptoms in dogs. The described symptoms are unspectific and are most likely caused by accidently not injecting vaccine subcutaneously. We do not assess this to be drug related.
NOBIVAC L4	DK-DKMA-V20140102	Denmark	Animal	Canine/dog	10 Year(s)	03/06/2014	08/07/2014	1	1 0 1	1/06/2014	Yes	Injection site infection	No Data	Large abces in the neck appeared 8 days after vaccination with L4. Cultured sample showed mixed culture predominantly with Staph. Aureus. The day was operated and a lot of dead tissue was	Labrador Retriever	40	Nobivac L4 - N/A,N/A,N/A,N/A,N/A (03/06/2014-03/06/2014) BR> 	B - Possible	Injection site swelling can not be ruled out to have been caused by the vaccination.
NOBIVAC L4	DK-DKMA-V20140103	Denmark	Animal	Canine/dog	8 Week(s)	18/06/2014	08/07/2014	6	1 0 2	4/06/2014	Yes, <b R> >BR>Yes</b 	Injection site oedema	No Data	removed. Additionally a drainlage tube was applied. Swelling on the next a trijection site, after vacionation. Disappaered without treatment. Talked to the vet, for information about treatment date and reaction date.	Not Applicable	Not Known	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (18/06/2014- 18/06/2014) Nobivac L4 - N/A,N/A,N/A,N/A,N/A (18/06/2014- 18/06/2014) 	A - Probable	Transient injection sie oedemas are known from the SPC.
NOBIVAC L4	DK-DKMA-V20140135	Denmark	Animal	Canine/dog	6 Year(s)	04/09/2014	24/09/2014	1 :	1 0 0	14/09/2014	Not Known	Diarrhoea, Haematemesis	Not Known	Bloody vomitus and diarrhoea.	Nova Scotia Duck Tolling Retriever	34.7	Nobivac L4 - N/A,N/A,N/A ,N/A,1 vaccination (04/09/2014- 04/09/2014) 	N - Unlikely	The observed clinical signs are unlikely to be caused by the VMP.
	DK-DKMA-V20140186	Denmark	Animal	Canine/dog	3 Month(s)	28/10/2014	28/11/2014	1	1 0 2		Not Known,
 >CBR Not Known,
 <br Not Known</br </br </br 	Vomiting	Not Known	Vomiting several times, in the end with bile.	Not Applicable		Braweto 250 MG CHEWABLE TABLETS - N/A,N/A,N/A,1 tabl. (28/10/2014-87-887-NOBIVAC DHPPI VET - N/A,N/A,N/A,N/A,N/A (28/10/2014-28/10/20/2014-28/10/2014-28/10/2014-28/10/2014-28/10/2014-28/10/2014-28/1	No assessment performed	
NOBIVAC L4	DK-DKMA-V20150041	Denmark	Animal	Canine/dog	11 Year(s)	13/02/2015	04/03/2015	1	1 01		Not Known, >CBR Not Known, >CBR > >CBR	Cough, Depression	Not Known	Coughing and depressed from the day of the vaccination (14-02-2015). The symptoms were still present 27-02-2015.	Bichon Frise		Nobivac BBP NASAL DROPS, SOLUTION - N/AN/A,N/A,N/A,N/A (13/02/2015- 13/02/2015)-BR>-BR>-Nobivac DHP- N/A,N/A,N/A,N/A (13/02/2015- 13/02/2015/-BR>-BR>-Nobivac LD SUSPENSION FOR INJECTION - N/A,N/A,N/A,N/A,N/A (13/02/2015- 13/02/2015)-BR>-BR>	No assessment performed	
	DK-DKMA-V20150089	Denmark	Animal	Canine/dog	5 Year(s)	19/04/2015	26/05/2015	1	1 0 2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Not Known, > > Not Known, +CBR > +CBR > +CBR > +CBR>+CBR> Not Known	Dyspnoea, Reverse sneezing	Not Known	Severe attacks of reverses necessing and dyspones. Was after 14 days treated with rasal lavage in anaesthesia and ronaxan. After the treatment the dog slowly recovered. The veterinarian was contacted by Ca 22-05-2015, for further explanation of the term reverse necessing, the veterinarian explained that the symptoms could be described as an externer ratting far the larynr. It was like the sound brachtyceptials rammals make just more extreme and as an attack after the vaccination. The dog normally has a tendency to make this rattling/stertor sound. The veterinarian also explained as if the larynx was swollen.	German Spitz - Pomeranian		NOBINAC DHPPI VET - N/,N/A,N/A N/A,N/A (19/04/2015- 13/04/2015-RR-NBR-Nobivac BBPI NASAL DROPS, SOLUTION - N/A,N/A,N/A (19/04/2015- 13/04/2015\BR-NBR-Nobivac L4 - N/A,N/A/A (1),N/A/N (19/04/2015- 19/04/2015\RR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-N	performed	
	OK-DKMA-V20150093	Denmark	Animal	Canine/dog		23/03/2015	02/06/2015	1		0/03/2015	Not Known,
 Not Known</br 	Epiphons.Ear pain,Thickened ear canal(s),Ear irritation	Not Known	Agrocimentally one week after the vaccination (30-63-2015), the owner observes watery secretion from both eyes and miritation around autouilaris dester. The owner observes the loop for a few days, and then contacts the veterinarian. Clinical examination (71-04-2015) showed marginal increased lactima, lightly morbite fur and cuts on medial orduir cantus. Lettle are showed nothing during otocophy. The right ear had reddening, swelling, soreness and dark creumen. The veterinarian took a sample for microsopic examination: this showed multigle malessacial >10-per visual files at 100 lense). A wash for cultivation was also taken: results was positive for malasseais, sensitive for CO150 and neon plus incore sristent towards fould mad genos? The ear was cleaned and treated with surolan eardrops 0.6 mil *2". The dog has an adverse rection last year, after vaccination the Nobius: BPS and Nobius ct. (250-84-2015). Here the dog had enlarged submandibular impun nodes and watery secretion from the nares plus cough and conjunctivitis. CA comment: A separete report regarding Nobiosa (180 from 2014) is not executed.	Border Collie		Nadbwel Ld- N/A,N/A,N/A,N/A,N/A,N/A (23/03/2015- 23/03/2015- 23/03/2015-BR->BR-Nobivac PI LYOPHILISATE AND SOLVENT FOR SUSPENSION FOR INJECTION AND LYOPHILISATE: PALE YELLOW GREY PELLET - N/A,N/A,N/A,N/A (23/03/2015-23/03/2015)-BR->BR->	Unclassifia ble/unassessa ble	No clear time link, clinical signs not typical or known for these vaccines.
	DK-DKMA-V20150097	Denmark	Animal	Canine/dog	6 Year(s)	25/03/2014	09/06/2015	1	1 0 0	8/04/2014	Not Known,
 > Not Known</br 	Conjunctivitis,Rhinitis,Sneezing,Cou gh	Not Known	Nobbas BIPH from 2014 is not execeted. This case is linked to De-DRMA-V20150093, and reported by CA on behalf of the veterinarians information, when they reported advense reactions on the dog in May 2015. In 2014, on the 25 th of March, the dog was accinated with Nobbasc BiPa and Nobbasc La The dog had enlarged submandibular lymph nodes and watery secretion from the nares plus cough and conjunctivitis.	Border Collie		Nobivac BBPI NASAL DROPS, SOLUTION - N/A.N/A.N/A.N/A/A (25/03/2014- 25/03/2014-BR> Nobivac L4 - N/A.N/A.N/A.N/A.N/A (25/03/2014- 25/03/2014)-BR> 	No assessment performed	
NOBIVAC L4	DK-DKMA-V20150110	Denmark	Animal	Canine/dog	127 Month(s)	10/06/2015	25/06/2015	1	1 01	0/06/2015	Not Known, BR >BR>BR>BR> Not Known	Injection site inflammation,Injection site swelling.Anorexia,Apathy	Not Known	Vaccination with Nobleac CRPR Vet and Nobleac L4 was given at the same time through the same yrings. The dog denoted shortly after vaccination a small firm weeling at injectionate. 6 days later the swelling became bigger and the dog appeared spathetic and reluctant to eat. Clinical examination showed a warm, son, firm swelling in the next (15*10*5*cm). Freen, 39.4. The dog was treated with NSADI and antibiotics. The dog has been vaccinated many times before and only experienced small transient swelling.	Not Applicable	14	Nobivac DHPPi vet N/A,N/A,N/A, N/A,N/A (10/06/2015- 10/06/2015)-BR>-BR>-Nobivac L4 - N/A,N/A,N/A,N/A,N/A (10/06/2015- 10/06/2015)-BR>-BR>	A - Probable	Clear association in time as well as anatomical location.

NOBIVAC L4	DK-DKMA-V20150111	Denmark	Animai	Canine/dog	6 Year(s)	19/05/2015	26/06/2015	1	1 0 21/05	2015 Not Known, - > -BR>-E Not Known		e Not Known	The dog was vaccinated on the 19-05-2015. On the 20-05-2015: the dog has impared balance and seems confused. 23-05-2015: The dog is taken to the veterinarian on duty. The temperature is 40.5 and the dog shows stiff gait, seems 62/24 on has a changed lock. CRP 100 mg/1. The veterinarian start treatment with Ordinor 40 mg table. 17-17 starting 24-05-2015 and Clavulaction vet. 500 mg 17-27. On the 24th of May the owner tables the dog to the emergency clinic at the university hospital. Following reported in the hospital record: 24-05-2015, A firm swelling (15-20 cm) is found on the neck of the dog it is indiced and without ulceration and discoloration of the sin. Tis. 319, 7-100, Ti-2. CRP by taken and the dog is treated with antihistramine injection and continued treatment with calvulaction and rollorist as psectrible 4 amplifilling elementage. 100 mg/1. The dog is admitted continued, because the continued of the	is	38	Nobivac L4 - N/A.N/A.N/A N/A.1 vacc (19/05/2015 - 3/05/2015)- 3/05/2015/2015- 8R-SR-Nobivac PI - N/A.N/A.N/A.1 vacc (19/05/2015-19/05/2015)- 8R>-6RP-	A - Probable	Association in anatomical location, Injection site reactions are well-known for both vaccines. May have worsened due to the concurrent administration of two vaccines.
NOBIVAC L4	DK-DKMA-V20150118	Denmark	Animal	Canine/dog	3 Month(s)	29/06/2015	07/07/2015	1	1 0 29/06	2015 Not Known, > Not Known		g Not Known	05-2015 damage tube is withdrawn and the dog is sent home. Perforbital swelling and generalised pruritus on the body. The dog was treated with Dexadreson vet 2mg/ml and the symptoms resolved after approximately one hour.	Maltese	2.1	NOBIVAC DHPPI VET - N/A,N/A,N/A,N/A,N/A (29/06/2015- 29/06/2015\eBr> > RBr>Nobivac L4 - N/A,N/A,N/A,N/A,N/A (29/06/2015- 29/06/2015\eBr> >	A - Probable	Clear time link, well-known adverse reaction after vaccination, is it due to the combined use of the two vaccines or is it due to the use of either of the vaccines?
NOBIVAC L4	DK-DKMA-V20150151	Denmark	Animal	Canine/dog	15 Month(s)	06/08/2015	24/08/2015	1	1 0 06/08,	2015 Not Known, < >BR> <e Not Known, < >BR> <f Not Known</f </e 	R> pruritus, Hypersensitivity reaction	Not Known	The dog was treated around 10 am. At around 5 pm the dog developed urticaria with swelling of the snout and pruritus. Has previously been treated with these vaccinations without reaction.	Japanese Spit	22 5	Nobiaca BBP - N/A,N/A,N/A N/A,N/A (06/8/2015 - 06/08/2015) <br-> BR-Nobiaca DHP LYOPHILISATE AND SOLVENT FOR SUSPENSION FOR INJECTION - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,</br->	A - Probable	Close time link, well-known adverse reaction, combined use of three vaccines.
NOBIVAC L4	DK-DKMA-V20150152	Denmark	Animal	Canine/dog	7 Year(s)	28/07/2015	24/08/2015	2	1 0 28/07,	2015 Not Known,cBR>-c KRN-GRR>-c Not Known,cBR>-c Known,cBR>-c Known,cBR>-c Known,cBR>-c Not Known,cBR>-c Not Known,cBR>-c Not Known,cBR>-c Known,cBR>-c Not Known,cBRc Known,cBRc Not Known,cBRc Not Known,cBRc Not Known,cBRc Not Known,cBRc Not Known,cBRc Not Known,cBRc Known,cBR-	RP Wity reaction BR RP BR RP	Not sit Known	Was vaccinated around 11 am. At 5 pm the dog developed urticaria with swelling of the snout. Additionally the goeperienced vonitius and the dog was wwell. The dog was treated with Desamethason and Tavegyl, which helped quickly. Concomitant treatment: Cepetor Vet, Revertor Vet Torbugesic (strength not known), Propofol (strength not known).	Dachshund (Standard) t., Long-haired	4.4	CEPTION WT - NIANIANIA NIANI/A (2807/2015) 28/07/2015)-CRRCBR-Nobbus DHP NIANIANIA (2807/2015) 28/07/2015)-CRRCBR-Nobbus CHP NIANIANIANIA (2807/2015) 28/07/2015)-CRRCBR-Nobbus CLP NIANIANIANIANIANIA (2807/2015) 28/07/2015)-CRRCBR-Nobbus CHP NIANIANIANIANIA (2807/2015) 28/07/2015)-CRRCBRNobbus CHP NIANIANIANIANIANIA (2807/2015) 28/07/2015)-CRRCBRCBRCBRCBRCBRCBRCBR	B - Possible	Close time link, well-known adverse reaction, concomitant administration of three vaccines, but other VMPs given including anaesthetics.
NOBIVAC L4	DK-DKMA-V20150237	Denmark	Animal	Canine/dog	12 Week(s)	09/12/2015	22/12/2015	1		2015 Not Known, < > <e Not Known</e 	R> 'Neurological'),Eyelid oedema,Angioedema	Known	The dog seemed slightly lethargic immediacy after vaccination. The veterinarian observed the dog for 15 minutes, but the owner each that the dog usually got tired at that time of the day (just before non The veterinarian destroyage the dog, but 30 minutes later, the owner called and told that the dog had developed a swelling around the eyes. The owner arrived by tax at the clinic, and the dog not command, capillary relifit lime was less than 2 seconds, and muncoal memb bare discipling the dog was treated with an intramuscular injection with Decadreson Vet.	1).	1.17	Nobivac DHP - 1,N/A,N/A,24,N/A (09/12/2015- 09/12/2015-BR> Nobivac L4 - 1,N/A,N/A,24,N/A (09/12/2015- 09/12/2015) >BR> 	A - Probable	Close time link, well-known adverse reaction seen quite often when Nobhac 14 is given in combination with other Nobhac vaccines.
NOBIVAC L4	DK-DKMA-V20160011	Denmark	Animal	Canine/dog	9.5 Year(s)	01/01/2016	26/01/2016	1	0 02/01,	2016 Yes, BR> R> BR> R>		e No Data	The day after the treatment the dog had a massive fluctuating swelling on the injection site. Sue approximately JOLIOI On. The content inside the swelling was a serohemorrhage fluid. Some of this day was analyzed at the vet clinic and showed no signs of infection. The dog has never before had the kind of reaction after vaccination. Reason for treatment, with the drug: yearly revaccination.	Golden ne Retriever sis	36	Nobivac L4 - N/A,N/A,N/A,N/A,1 vaccine (1 Day(s) DJ/D1/2016- DJ/D1	A - Probable	Responable association in time and anatomical location, well-known adverse reaction
	DK-DKMA-V20160040	Denmark	Animal	Canine/dog		02/03/2016	11/03/2016	1		2016 Yes, <br< td=""><td>es system depression in 'Neurological')</td><td>s No Data</td><td>The dog became lethargic 5-10 minutes after immunisation. The lethargy pensisted for 20 minutes and then the dog went back to normal. The dog has not previously been administered the drug, and no concomitant treatment was given.</td><td></td><td>le 3.1</td><td>Nobivac DHPPI vet 1,1,1 Days.N/A,1 vaccination (02/03/2016- 02/03/2016) Nobivac L4 - 1,1,1 Days.N/A,1 vaccination (02/03/2016-02/03/2016) </td><td>A - Probable</td><td>Close time link, well-known adverse reaction.</td></br<>	es system depression in 'Neurological')	s No Data	The dog became lethargic 5-10 minutes after immunisation. The lethargy pensisted for 20 minutes and then the dog went back to normal. The dog has not previously been administered the drug, and no concomitant treatment was given.		le 3.1	Nobivac DHPPI vet 1,1,1 Days.N/A,1 vaccination (02/03/2016- 02/03/2016) Nobivac L4 - 1,1,1 Days.N/A,1 vaccination (02/03/2016-02/03/2016) 	A - Probable	Close time link, well-known adverse reaction.
	DK-DKMA-V20160166	Denmark	Animal		14 Week(s)	05/07/2016	07/08/2016	1	1 0 05/07,	Known, < > <e Not Known</e 	R>	Not Known	On the 5th of July 2016 a 14 week old puppy was succinated with Noblace DHP live wet + Noblace LA One hour after vaccination, the puppy started wontings a couple of times followed by tictry sion on the neck and head. During the following couple of hours, the puppy started swelling in the head and on th neck, and it was unable to open its eyes and the lips were "hippoportamus: like" around 7 p.m. No treatment of the puppy is reported. The puppy has been vaccinated with Noblace DHP live vet + Noblace LS deviolosy without any restriction.	e Retriever ie	15	Nobivac DHP Live Vet 1,N/A,N/A ,24,N/A (05/07/2016- 05/07/2016)-BR> Nobivac L4 - 1,N/A,N/A ,24,N/A (05/07/2016- 05/07/2016)-BR> 	A - Probable	Close time link to vaccination, well-known adverse reaction, second vaccination.
NOBIVAC L4	DK-DKMA-V20160196	Denmark	Animal	Canine/dog	8 Year(s)	08/08/2016	15/09/2016	1	1 0 11/08,	2016 Yes, <br R> >1</br 		e No Data	On the 8th of August 2016 a 8 year old male dog was vaccinated with Nobvac PI Vet. and Nobvac L4 Afterwards the dog got a pilespinon at the injection site in the neck. The pilespinon spread down towards the elbow on the right side of the dog. The pilespinon developed into an abacess. Bacteria were not found in the affected area or in the abscess. The dog had previously been treated with the same vaccines in August 2014 and August 2015. The dog was treated by draining the abscess, and he was given a painkilling drug and artibiotics. At the time of vaccination, the dog was treated with Sensrades Como. Note to wer infection.	. Samoyed	30.3	Nobiwac L4 - N/A,N/A,N/A, N/A,1 ml (08/08/2016- 08/08/2016-BR>~BR>Nobiwac Pi - N/A,N/A,N/A, N/A,1 ml (08/08/2016- 08/08/2016)-BR>~BR>	B - Possible	Concomitant treatment, time-link, injection site swelling is known to occur although not as severe

NORWACIA	DK-DKMA-V20160253	December 1	A	Carles (das	47 44	04/10/2016	12/12/201			04/10/2016	Yes. <b< th=""><th>Footel available from the Milall</th><th>No Data</th><th>Control of the Control of the Contro</th><th>Coton de</th><th></th><th>Nobivac DHPPi vet N/A.N/A.N/A</th><th>B - Possible</th><th>the Path Inc.</th></b<>	Footel available from the Milall	No Data	Control of the Contro	Coton de		Nobivac DHPPi vet N/A.N/A.N/A	B - Possible	the Path Inc.
NOBIVAC L4	DK-DKMA-V20160253	Denmark	Animai	Canine/dog	17 Month(s)	04/10/2016	12/12/2010	1 :	1 0	04/10/2016	Yes, CBR>Yes	Facial swelling (see also 'Skin')	No Data	On October 4. a female Cotnode Tulear dog was vaccinated with Noblace DHPPI Vet. and Noblace L4 Three hours after administration of the vaccines the dog got swelling around the eyes and nose. The swelling was treated with Tavegyl and Dexaject injection, and 2 hours later the dog recovered.	Tuléar	5.6	NODIVAC DHPPI VET N/A,N/A,N/A ,N/A,N/A (04/10/2016- 04/10/2016)-BR>-SBR>Nobivac L4 - N/A,N/A,N/A,N/A,N/A (04/10/2016- 04/10/2016)-BR> 	B - Possible	time link, known, concomitant treatment (2 vaccines)
NOBIVAC L4	DK-DKMA-V20170007	Denmark	Animal	Canine/dog	12 Week(s)	12/01/2017	17/01/201	7 1 :	1 0	12/01/2017	Yes, <b R> Yes</b 	Inappropriate urination,Pale mucous membrane,Vomiting,Anaphylaxis,C ollapse (see also "Cardio-vascular" and 'Systemic disorders'),Facial oedema,Preputial oedema	No Data	On January 12, 2017 a 12-week-old Labrador Retriever was vaccinated with Nobixac DHPPF Vet. and Nobixac L4.7 minutes after succination the puppy went into anaphylactic chock with inappropriate unitation, worthing pale mucous membranes, and collapse. One hour after administration of the vaccines the dog also got facial oedema and preputal oedema. The dog was injected with 0.3 ml admenial not zero the chock. When the oedema started to show the dog was also treated with Dexaject 0,35 ml Lm. The dog was fully recovered after 20 hours.	Labrador Retriever	6.9	Nobivac DHPPi vet 1,N/A,N/A ,10,N/A (12/01/2017- 12/01/2017) -BR> Nobivac L4 - 1,N/A,N/A,10,N/A (12/01/2017- 	A - Probable	Time link, known reaction to vaccines, no concomitant treatment
NOBIVAC L4	DK-DKMA-V20170024	Denmark	Animal	Canine/dog	9.5 Year(s)	14/02/2017	23/02/201	7 1 :	1 0	14/02/2017	Yes, <b R>BR>Yes</b 	Urticarial rash,Fatigue	No Data	On February 14.2017 a 5.3 year old make American Staffordshire terrier get unicaria all over the body after vacchation on the Nobleco DEPPI of the Clin number A448A01), and Nobivac L4 (lot number A058A01). The dog also suffered from fatigue.	American Staffordshire Terrier	22.9	Nobivac DHPPi vet 1,N/A,N/A ,N/A,1 dose (14/02/2017- 14/02/2017) Nobivac L4 - 1,N/A,N/A, N/A,1 dose (14/02/2017- 14/02/2017) 	B - Possible	time link, two vaccines used concomitantly, partly known reactions
	DK-DKMA-V20170072	Denmark	Animal	Canine/dog	92 Day(s)	31/03/2017	03/04/2011	7 1 :	1 0	31/03/2017	Yes, <b R>BR>BR>Yes</b 	Swelling around eye,Facial oedema,Localised itching,Anaphylactic-type reaction	No Data	On 31 Mar 2017 an Alaskan Malamute dog was vaccinated with Nobivac DHPP Vet. and Nobivac L4. 30 minutes after administration of the two vaccines the dog got facial bedema and swelling around the eyes. The dog also had localized itching in the head. The reaction was not treated.	Alaskan e Malamute		Nobivac DHPPi vet 1,N/A,N/A ,N/A,N/A (31/03/2017- 31/03/2017) Nobivac L4 - 1,N/A,N/A,N/A,N/A (31/03/2017- 31/03/2017) 	B - Possible	Time-link, concomitant treatment, known reaction.
NOBIVAC L4	DK-DKMA-V20170134	Denmark	Animal	Canine/dog	3 Month(s)	06/06/2017	08/06/201	7 1 :	1 0	06/06/2017	Yes, <b R> >Yes</b 	Tachycardia, Pale mucous membrane, Abdominal pain, Emesis (multiple), Anaphylactic-type reaction, Urination, Apathy, Involunt ary defecation	No Data	On 06-06-2017 a Cotron de Tullear dog was given her second basic vaccination with Nobiwac DHPPI Vet and Nobiwac Lt. 51 minutes after administration of the two succines the dog started to suffer from several adverse reactions. Involuntary defectation and urination; emesis (multiple); apathy; pale mucous membranes; techycardis, and abdominal pain. The dog was given Tavego, Cerenia, Loscon, and fluid v. to treat the adverse reactions. After this treatment the dog recovered and was back to normal the following day.	. Coton de Tuléar	2.6	Nobivac DHPPi Vet 1,N/A,N/A N/A,N/A (06/06/2017- 06/06/2017)-BR> Nobivac L4 - 1,N/A,N/A,N/A (06/06/2017- 06/06/2017)	A - Probable	Close time link, no concomitant treatment, well- known adverse reaction.
NOBIVAC L4	DK-DKMA-V20170153	Denmark	Animal	Canine/dog	4 Year(s)	23/06/2017	04/07/201	7 1 :	1 0	23/06/2017	Yes, BR> <br R×BR>CBR>Yes, BR> Yes</br 	Diarrhoea, Bloody diarrhoea, Elevated liver enzymes, Recumbency, Decreased body temperature, Anaphylaxis	No Data	On 25 Jun 2017 a ver reports that a dog was vaccinated with Nobivac DHPR, L4 and Rables on 23 Jun 2017.5 min after excination the odg led down in recumbency, had diarrhea which turned bloody. Temp 35.5 C. Increased liver values. Better on 26 Jun.	Not Applicable	Not Known	Nobivac DHPPi Vet 1,N/A,N/A ,N/A,N/A (23/06/2017- 23/06/2017\BR>-8R>Nobivac L4 - 1,N/A,N/A,N/A,N/A (23/06/2017- 23/06/2017\BR>\OBN\OB\OB\OB\OB\OB\OB\OB\OB\OB\OB\OB\OB\OB\	B - Possible	Time-link, concomitant treatment, known reactions
	DK-DKMA-V20170221	Denmark	Animal	Canine/dog	2 Month(s)	25/08/2017	12/10/201	7 1 :	1 0	25/08/2017	Yes, <b R> Yes</b 	Facial swelling (see also 'Skin'), Lethargy (see also Central nervous system depression in 'Neurological'), Allergic reaction	No Data	SAR case neelwef from NCA On 25 Aug 2017, a female puppy (Sbih tru, 2 months odl) was basic-vaccinated with Nobuco (FBP) and Nobuc (£1 hou af rev. veccination, the dip Lad an allergic reaction characterized by lethargy and facial swelling, the swelling was especially seen in paleshra. The symptoms Galagoeard after treatment with D.5s in This Phil (Houmershylpriedshoolen) and 124. Alnok PD. No concomitant treatment. No further information expected (Reason for use for product Generic: LEPTO-4/IECTACA,MSRPB-RSAR 138 Ernark, NOBNUCL 61 2010ED 548 Reason: Prophylaxis State or health; Scorial Control of the PL V Brand: NOBNUCL DHIPP VET SXIDS-5XIDS DIL 201. Reason: Prophylaxis State or health; Scorial Control of the PL V Brand: NOBNUCL DHIPP VET XXIDS-5XIDS DIL 201. Reason: Prophylaxis State or health; Scorial	Shih Tzu	1.1	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Animal (25/08/2017- 25/08/2017-):BRS-8RS-NOBIVAC L4 10X1DS 546 - 1,N/A,N/A,24,1 Dose 1 Animal (25/08/2017- 25/08/2017):BRS-8RS	B - Possible	well-known adverse reaction, close time link, no concomitant treatment. FOLLOW UP, 12-10-2017: The assessment by MAH is acknowledged and the NCA agrees that causality assigned should be B-Possible, since two vaccines were administered concomitantly
	DK-DKMA-V20170238	Denmark	Animal	Canine/dog	11 Week(s)	25/09/2017	04/10/201	7 1 :	1 0	25/09/2017	Yes, <b R> >BR>Yes</b 	Bradycardia,Pale mucous membrane,Involuntary defecation,Unresponsive to stimuli,Lethargy (see also Central nervous system depression in 'Neurological'),Anaphylactic shock.Vomiting	No Data	On 25-59-2017 a Maltese dog was vaccinated with Noblwac DHPP Vet. and Noblwac LA. It was the second basis vaccine, incre the dog had also been vaccinated when it was 8 weeks Old. A minutes after the revaccination the dog got bradycardia, and it was lethargic. The dog had pale mucous membranes in the eyes and mouth. Furthermore the dog had vomitus and involuntary defectation. The dog was given an injection of 1.5 ml Rapideoun. In. and 0.0.4 ml Adrenian. The dog was also treated with oxygen. The reaction lasted for 45 minutes before the dog recovered.	Maltese	2.3	Nobivac DHPPi vet 1,N/A,N/A ,N/A,N/A (25/09/2017- 25/09/2017):BR> Nobivac L4 - 1,N/A,N/A,N/A,N/A (25/09/2017- 25/09/2017):BR> 	A - Probable	Close temporal relationship, well-known adverse reaction after second vaccination, no concomitant treatment given.
	DK-DKMA-V20170272	Denmark	Animal	Canine/dog	4.11 Year(s)	15/09/2017	25/10/201	7 1		15/09/2017	Yes	Injection site pain, Crying, Groaning		On 15-59-2017 a female Cavalier King Charles Spaniel (4 years 11 months; 5 kg) was vaccinated with Nobivac I.4. 2 minutes after administration of the vaccine the dog started to cry and later screaming. The dog scratched herself in the neck (4) the application stell with the hind legs. The dog ran around, confused because of the pain/irritation in the neck at the injection site. The dog has been vaccinated before but with windown reaction.	Cavalier King Charles Spaniel	5	Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A,N/A,N/A (15/09/2017-15/09/2017) BR> 	A - Probable	Close associative connection in time and with anatomical location, no other treatment given.
	DK-DKMA-V20170273		Animal		2.3 Year(s)	09/10/2017	25/10/201	7 1 :		09/10/2017		Crying, Groaning, Injection site pain		On 09-01-2017 a female Pomerarien dog (2 years 3 months; 3.45 kg) was vaccinated with Nobivac U. a minutes after administration of the vaccine the dog started to cry and later screaming. The dog scratched the neck (at the application site) with the hind legs. The dog ran around and seemed confused because of the pain/irritation in the neck at the injection site. The reaction listed for 10 minutes. The dog has been vaccinated offeror but with unknown reaction.	I. German Spitz - Pomeranian		Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A,N/A,N/A (09/10/2017-09/10/2017) BR> 	A - Probable	Close associative connection in time and with anatomical location, no other medication given concomitantly.
	DK-DKMA-V20170274	Denmark	Animal	Canine/dog	1.3 Year(s)	19/10/2017	27/11/201	7 1	1 0	19/10/2017	Yes, 	Injection site pain, Groaning, Crying, Injection site scratching	No Data	SAR case received from NCA. On 19-Oct-2017 a female thasa Agoo dog (1 years 3 months; 65 kg) was vaccinated with Nobusc L4.2 minutes after administration of the vaccine the dog started to or, and later screaming. The dog scratched the neck (at the application sitely with the hind legs. The dog ran around and seemed confused because of the pain/infration in the neck at the injection site. The reaction lasted for 10 minutes. The dog has been vaccinated before but with unknown reaction. MAH update 90 No 2017. Attending wet confirmed that this dog was also vaccinated with Noblusc DIP Live. [Reason for use for product: Generic: EPTO*4(CT_CAN,GRIPP,BRAT) KB Strand: NOBIVAC L4 1001105 546 Reason: Prophylasis Generic: DPTO W Brand: NOBIVAC DIP LIVE VET. SXID-5XID DIL 200 Reason: Prophylasis [State of health: Good]	Lhasa Apso	6.9	NOBINAC DHP LIVE VET. SXLD+SXLD DIL. 200 - 1,N/A,N/A, 24,1 Dose 1 Animal (19)/02017- 19/10/2017+GRBR-NOBINAC L4 UXID5 546 - 1,N/A,N/A, 24,1 Dose 1 Animal (19)/10/2017- 19/10/2017)+GR->-BR>	B - Possible	Since new information has been gained in this case in regards to the use of a concomitant vacie (Nobbac DIP Use), DDMA agrees to change the causality assessment to 8 Possilke Furthermore, it agreed to add "trijection site scratching" as extra VEDDRA term.
	DK-DKMA-V20180004	Denmark	Animal	Canine/dog	3 Year(s)	26/02/2016	04/01/201	3 1 :		14/04/2016		Renal disorder NOS,Dermatitis,Gingivitis		On 25 Feb 2016 a Smooth Collie was vaccinated with Nobivac L4. Approximately 2 months later, on 1 Apr 2016, the dog developed severe gingwiths and dermatist. Later the dog showed problems with the kidneys. The dog was also vaccinated with Nobivac DHPPI Vet. The dog has previously been vaccinate against leptospirosis without any problems but not with Nobivac L4.	1	20	Nobivac L4 - 1,N/A,N/A ,10,1 ml once (26/02/2016- 26/02/2016) 	O1 - Inconclusive	Time link is not very close (2 months) and concomitant vaccination given. Unexpected clinical signs. However, other causes are not detected and product involvement cannot be excluded. The case is considered 01-inconclusive.
	DK-DKMA-V20180027	Denmark	Animal	Canine/dog	Not Known	15/12/2017	28/01/2018	3 1			R×BR×BR>Yes	Injection site abscess,Injection site swelling,Injection site pain		On 15 Dec 2017, a female dashbuland [8 4 kg] was vaccinated with holivac DHPPI Vet and Nobivac L4E free days, after scancination the dog got soor in the neck with an injection site weeling. On 21 Dec 2011 the swelling developed into an abscess [07-15 cm in size, with a large capasie and yellow/green contents]. The abscess was spilt and drained. The dog recovered on 09 Jan 2018. The dog has not previous been exposed to this product.	, (Standard) Wire-haired	9.4	Nobivac DHPPi vet N/A,N/A,N/A, N/A,N/A (15/12/2017- 15/12/2017)-BR> Nobivac L4 - N/A,N/A,N/A,N/A,N/A (15/12/2017- 15/12/2017)<-BR> 	B - Possible	Associative connection in time and with anatomical location. Unknown if additional vaccinations were given concomitantly. Product involvement is considered possible
NOBIVAC L4	DK-DKMA-V20180039	Denmark	Animal	Canine/dog	12 Week(s)	12/01/2018	25/02/2011	3 1 :	1 0	12/01/2018	Yes, <b R> Yes</b 	Localised itching.Angioedema,Vomiting	No Data	SAR case received from NCA. On 12 Ian 2018 a female dachbrund (12 weeks and 3 kg) was vaccinated with hobbyec DHPPL vet and Nobivac Lik. The dog presented 2 hours later with angloedems, vonitus and purtus in the Nobea The dog has not previous been exposed to this product. No concomitant treatment. (Reason for use for product: Generic: DHPPI + LICT_CAN LYKB Brand: NOBIVAC DHPPI LYST_SLDS-SLOS DOR Reason: Prophylaxis Generic: LEPTO-VIGT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10X1DS 546 Reason: Prophylaxis] (State of health: Good)	Dachshund (Standard) Long-haired	3	NOBIVAC DHPPIL VET 5X1DS+5X1DS 200 - 1,N/A,N/A, 24,1 (12/01/2018- 12/01/2018) NOBIVAC L4 10X1D5 546 - 1,N/A,N/A, 24,1 dose (12/01/2018-12/01/2018) 	A - Probable	associative time connection, symptoms are expected
NOBIVAC L4	DK-DKMA-V20180073	Denmark	Animal	Canine/dog	3.6 Year(s)	18/01/2018	07/02/2011	3 1	1 0	18/01/2018	Yes, <b R>BR>BR>Yes, BR> Yes</b 	Swollen lip (see also "Skin")	No Data	on 32 Jan 2015 a male Star per (16, eyes not)) was executated with Nobbac CMP Live Ver, Nobbac L6 and Nobbac DMP Live Ver, Nobbac L6 and Nobbac DMP Live Ver, Nobbac L6 and Nobbac DMP Live Very Law 2015 Live Very Law 2015 was consisted (12 weeks basic sectionally) with the 3 Nobbac uscrines and developed the exact same reaction. The adverse reaction was treated with antibiotic and the swelling disappeared after 35 hours.	Shar Pei	25	Nobivac BBPI2,N/A,N/A ,10,N/A (18/01/2018- 18/01/2018-BR> Nobivac DHP Live Vet 2,N/A,N/A ,10,N/A (18/01/2018- BR> Nobivac L41,N/A,N/A ,10,N/A (18/01/2018- BR)(01/2018- BR)(01/2018- BR)(01/2018- BR)	B - Possible	fair time association, symptom listed under adverse reaction in SPC, same symptom occurred at the previous vaccination, unknown which of the three administered vaccines the reaction is linked to or if the combination is the triggering cause

NOBIVAC L4	DK-DKMA-V20180156	Denmark	Animal	Canine/dog	3 Month(s)	23/03/2018	04/04/2018	1	1 23/0	8/2018 Yes, 		No Data	On 23-03-2018 a puppy (3 months, 3.16 kg) was vaccinated using Nobivac DHPPI Vet. and Nobivac L4. The dog had previously been vaccinated with Nobivac DHPPI Vet. without showing signs of an abnormal reaction, but this was the first time using Nobivac L4. The puppy was vaccinated around	Shih Tzu	3.16	Nobivac DHPPi vet 1,N/A,N/A ,N/A,N/A (23/03/2018- 23/03/2018\ <a 10x1d5="" 11="" 15="" 2014="" 2015="" 2015.="" 21="" 3="" 38.6="" 4="" 401ct_cam_gripp_brat]="" 552="" [reason="" [state="" a="" abnormalities="" actue="" addoment.="" advantation."="" again="" against="" almost="" an="" and="" anorexia.="" anthrotic="" antibiotics="" auxcultion="" because="" beforeign="" bijections.="" billulain="" bladder,="" brand:="" but="" by="" c.="" colors.="" continuosity="" crainal="" daily="" dark="" decided.="" dehydrated,="" der.="" disease,="" dog="" dogs="" effot="" especially="" exhausta="" expected.="" extreme="" for="" further="" general:="" good)<="" health="" health:="" heamstorms="" heart.="" href="mailto:BR> BR>Nobivac L4 -</th><th>B - Possible</th><th>close time link, anaphylactic reaction fits
pharmacological profile, no concomitant medication,
no other plausible explanation</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>15:30 without visible clinical problems. An hour later at around 16:30 the owner returns with the puppy who is sneezing and is swollen around the nose and eyelids. The veterinarian treats it by linecting deastect 2 mg/ml and clemastin 1mg/ml. After 20 minutes the symptoms are lessening.</td><td></td><td></td><td>1,N/A,N/A ,N/A,N/A (23/03/2018-
23/03/2018)

</td><td></td><td></td></tr><tr><td>NOBIVAC L4</td><td>DK-NLINTVINT-2014-DK-00075</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td>1 Year(s)</td><td>21/05/2014</td><td>20/06/2014</td><td>1</td><td>1 0 21/0</td><td>5/2014 No,

R>
<</td><td></td><td>Other</td><td>Suspected Adverse Reaction On 26 May 2014 a vet reports that she vaccinated an one year old pug with Nobivac DIPPs and L4 mixed in the same syringe on 21 May 2014. Within 5 to Di minutes after the vaccination the dog became weak and lethargic with very pale mucous membranes. The dog was treated with Humomethyperelinoione and ephedrine iv. The dog recovered from its anaphylactic significant within 1 hour. No further information expected [Reason for use for product: Generic: DHPPI LV Branch NOBIVLO DIPPN VET STLDS-STADS DIL 2011. Reason To-Prophylasis Generic: LTEPTO*4(CTC_AN_GRIPP_BRAT) KB Brand: NOBIVAC L4 IDX1DS 552 Reason: Prophylasis [State of health: Good]</td><td>Pug</td><td>8</td><td>NOBIVAC DHPPI VET 5X1DS+5X1DS
DIL 201 - 1,N/A,N/A,24,1 Dose Once
(21/05/2014-
21/05/2014-BR>
NOBIVAC L4
10X1DS 552 - 1,N/A,N/A,24,1 Dose
Once (21/05/2014-
21/05/2014)-BR>
</td><td>B - Possible</td><td>There is a time link, but two products that could cause AR.</td></tr><tr><td>NOBIVAC L4</td><td>DK-NLINTVINT-2014-DK-00112</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td>9.9 Year(s)</td><td>23/07/2014</td><td>07/08/2014</td><td>1</td><td>1 0 24/0</td><td>7/2014 No,

R>
<</td><td>Rs-<B Adipsia, Anorexia, Lethargy (see als
lo-No Central nervous system depression
in
'Neurological'), Fever, Dehydration</td><td>o Other</td><td>Saspert adverser reaction with Nobbac L4. The dog was vaccinated with Nobbac L4 and Nobbac P
simultaneously in one syringe the 23 Ju 2014. The next day the dog showed lethragy, anorexia and
adjois. In the 25 Jul 2014 the dog was presented at the vet clinic again with signs of lethragy,
deltydration and fever. The body temperature was measured to 40.4 degrees Cebius. The dog has bee
vaccinated previously with Nobbac P but it was the first time that it was vaccinated with Nobbac L4.
The dog was treated with Voren and Noromox and is expected to recover. Nor more information
expected. [Reson for use for product. Generic: LETO*14(TCAM.GRIP_BRAIN, B8 Ernark. NOBRIVA.C PI VET
SYDISSSYD VOR Beson: Prodylvakis Generic: CANINE PARAINTUEVIZA LV Brand: NOBIVAC PI VET
SYDISSSYD VOR Beson: Prodylvakis (State of health Cooks).</td><td>Other
Canine/dog</td><td></td><td>NOBINAC L4 10X1DS 552 -
1,N/A,N/A, 24,1 Dose Once 1 Animal
(23/07/2014)<-BR>-NOBINAC PI
VET 5X1DS+50LV 200 - 1,N/A,N/A
24,1 Dose Once (23/07/2014-
23/07/2014)<-BR>-
-</td><td>B - Possible</td><td>There is a time link between the adverse reactions
and the administration of the vaccine. Symptoms
have been described previously, but as two products
were administered concurrently the AR cannot be
linked to a single product.</td></tr><tr><td></td><td>DK-NLINTVINT-2014-DK-00115</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td></td><td>24/07/2014</td><td></td><td>1</td><td></td><td>r/2014 Not
Known,<
>BR>de
Yes,
</td><td>-dRP- tagmus,Death,Urination,Unconsci
Bx-cll us
>-Yes</td><td>No Data</td><td>Supert adverse reaction. The dog was vaccinated with Noblava L4 and Noblava KC the 24 Ju 2014 at
clinic different from the attending vet Clinic. The owner also got Bayavantic for the 60p. The owner-lett
that the dog became dull, started drooling and had convasive fits the same day. The symptoms
exacerbated and the dog was presented at the attending vets clinic 30 Jul 2014. The dig now had
constant convulsions, nystagmus, was surconscious, defectated, urinated and finally ided. Treatment
with Sessiol (If was per kg body weight) did not have any effect. No more information expected. Of
Aug 2012. Contact between NOS and attending vet. Attending vet confirms that the dog was also
tested with Bayavantic. Urell this date if was suchear if the dog was treated or owner just bought
stread with Bayavantic. Urell this date if was suchear if the dog was treated or owner just bought
stread with Bayavantic. Urell this date if was suchear if the dog was treated or owner just bought
stream of the stream of the stre</td><td>s Retriever</td><td></td><td>Baywartic - N/A.N/A.N/A.N/A.N/A.N/A.(2.4/07/2014-2.4/07/2014-SR->BR->NOSIVAC. BBHF SXIDS-SXLIS DIII. 200- N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.</td><td>O -
Unclassifiable/unassessa
ble</td><td>The dog was treated with bayvatic as well, so even though there is a link in time, a conclusion cannot be made on causality.</td></tr><tr><td>NOBIVAC L4</td><td>OK-NUNT/INT-2014-DK-00118</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td>3 Month(s)</td><td>04/07/2014</td><td>25/08/2014</td><td>1</td><td>1 0 05/0</td><td>8/2014 Not
Known,<
>BR>-R
Not
Known,<
>BR>-R
No,
-R</td><td>
 <BR
 R> <BR</td><td>Other</td><td>Supercised task of Espected Efficacy On 6 Aug 2014 a vet reports that a very unthrifty puppy imported from Romania to Intugary to Demants his mycochous in one hinde [e, it is a 15 weeks old labrador weighing only 6 kilos, which is less than half size of a normal 15 weeks old labrador puppy. The puppy was succinated twice in Romania against parco. In Demants it was vaccinated twich Mobbacc DPFPs an Nobbacc 14 on 04 lul 2014 by a vet different from attending vet. The puppy was unthrifty and had darnhea at the day of vaccination, which makes it for libed use of the vaccine. The vaccinating vet treated the puppy with amountain and calvadina: acid against darnhea. The puppy had darnhea since I came to Demants. The darnhea nerve obset completely and the attending vet lagoposed a Girdina of Costridium infection, and the dog was treated with metronidazole. The attending vet is observing increasing mycolons of one hind leg and we wonders if it can be a neurological gird of distemper, and she suspects that the puppy could have carried a distemper from Romania. The mycolonus was not treated. Flooring 14 Aug 2014 of and she wonders if it on be a neurological sign of distemper, and she suspects that the puppy could have carried a distemper from Romania. The mycolonus was not treated. Flooring 14 Aug 2014 of the gird is PKE positive for instance. The puppy flooring information is expected. Beason for use for product: Generic: DRFPI U Branch. NOBINAC DRFPI VI SINDESAUSD ID. 21 Resson: Prophylasis Generic: Estand: Amountailin Ressor: Diarrhoes Generic: Branch Amountailin Ressor: Diarrhoes Generic: Branch Amountailin Ressor: Diarrhoes</td><td>Labrador
Retriever
d
d</td><td>6</td><td>Amouscillin - NI/AN/AN/A NI/AN/AN/A
(0.1/07/2014) - RR ReP Metronidazole NI/AN/AN/A NI/AN/A
(0.1/07/2014) - RR RR NI/AN/AN/A
(0.1/07/2014) - RR RR NI/AN/AN/A 24, 10 to 60 cmc (0.4/07/2014) - RR RR NI/AN/AN/A 24, 10 to 60 cmc (0.4/07/2014) - RR RR RR NI/AN/AN/A 24, 10 to 10 cm (0.4/07/2014) - RR RR RR NI/AN/AN/A 24, 10 to 10 cm (0.4/07/2014) - RR RR RR NI/AN/AN/A 24, 10 to 10 cm (0.4/07/2014) - RR RR RR RR RR RR RR</td><td></td><td></td></tr><tr><td></td><td>DK-NLINTVINT-2014-DK-00201</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td></td><td>10/11/2014</td><td></td><td>7</td><td></td><td>Not
Known,<
>
<B
Not Know</td><td><pre><eRP> depression in 'Neurological') ><BR <
</pre></td><td>Not
Known</td><td>Supported Adverse Reaction On 30 Dec 2014 a vet reports that she vaccinated a puppy with Nobinc DIPPF and Nobinc Let on 10 Nov 2014. The puppy had also a lot of Reas and was treated with a small amount of Frontline spray the same day by the owner. The puppy let also short feel some diverse that are evening, and was seen by the with the real ferron on 11 Nov 2014. It was treated with I.N. fluids and decamethasone. On the third day the puppy was exthanized. No further information expected. [Reason for use for product: Generic LetPPI VI Branch NOVINC DIPPF VIT STLDS-9510D SILL 2018 Reason: Prophylaxis Generic: LETPO*4[ICT_CAN_GRIPP_BRAT] XB Branch NOBINAC L4 10XIDS 552 Reason: Unknown. Generic: Brand: Frontline Reason: Ecoparasitic control] [State of health. Good]</td><td>Chihuahua</td><td></td><td>Frontline - N/A,N/A,N/A,N/A,N/A
(10/11/2014-
10/11/2014/96R>
NOBIVAC
DHPPI VET 5X1D5+5X1D5 DIL 201 -
1.N/AN/A 24,1 Dose Once
(10/11/2014-
10/11/2014/96R>
NOBIVAC L4
10X1D5 552 - 1.N/A,N/A 24,1 Dose
Once (10/11/2014-
10/11/2014/BR>
HB>R</td><td>O -
Unclassifiable/unassessa
ble</td><td>There is a time link, but several products have been
used concomitating. It is not clear whether this
reaction, which most likely has occured due to
medication, its caused by one or the other products,
hence establishing a causality is not possible</td></tr><tr><td></td><td>DK-NLINTVINT-2015-DK-00014</td><td>Denmark</td><td>Animal</td><td>Canine/dog</td><td>9 Year(s)</td><td>09/01/2015</td><td>06/02/2015</td><td>1</td><td></td><td>/2015 Yes</td><td>Abdominal pain, Diarrinosa, Icterus, Polydipsia,
olyuria, Parting, Boeth by
euthansia, Anorosia, Hyperthermi
Letharay; Use a loo Central nervous
system depression in
Neurological J. Dehydration, Shiven
g., Multiple on
Marenorinage, Billrubinuria</td><td>No Data</td><td>Suppected Adverse Reaction On 27 Jan 2015 a vet reported that a dog was vaccinated with Nolivac L4 on 09 Jan 2015. Later the same night the dog became letaing. The next day it was seen by another vet and the dog was feeling bad, othereing, had dianthea and was parting. Temperature 39.3 C. Enhanced vesicalism reportation to " improved="" in="" inflammation="" information="" intestines,="" into="" investigation="" ipjanum="" is="" it="" jan="" kb="" l4="" lesions,="" letting="" liver="" lung="" macroscopic="" methylorediscione="" mg="" necropy="" no="" nobivac="" nolivac="" ns-10="" of="" on="" pain="" pain.="" pancress="" plus.="" polipulor="" polydepia,="" possible="" problems.="" product:="" prophylaxisi="" provided="" read="" reason:="" recommends="" second="" serosal="" shortly,="" shows="" surface="" td="" temperature="" the="" to="" treated="" treatment="" undels="" until="" untile="" us="" vet="" walk,="" was="" with="" without="" yellow=""><td>Retriever</td><td></td><td>NOBINAC L4 IDXID 5532- IJA/NA/N, 24,2 I Dose Once (09/01/2015-09/01/2015) </td><td>B - Possible</td><td>The initial symptoms point at an anaphylactioid reaction considering that this was the second not vaccination within one month. These symptoms was well have triggered underhying disease with worsening of clinical status, also considering that the dog was continuously treated with methylepredisciolor. The assessment would have benefitted from a microscopic evaluation.</td>	Retriever		NOBINAC L4 IDXID 5532- IJA/NA/N, 24,2 I Dose Once (09/01/2015-09/01/2015) 	B - Possible	The initial symptoms point at an anaphylactioid reaction considering that this was the second not vaccination within one month. These symptoms was well have triggered underhying disease with worsening of clinical status, also considering that the dog was continuously treated with methylepredisciolor. The assessment would have benefitted from a microscopic evaluation.
NOBIVAC L4	DK-NLINTVINT-2015-DK-00029	Denmark	Animal	Canine/dog	7 Year(s)	19/09/2014	09/03/2015	1	1 0 19/0	9/2014 Not Known,< > <b Not Know</b 	 	Not Known	Supercted Adverse Reaction On 17 Feb 2015 a vet reports that a dog was vaccinated with Noblava DMPR and 14 (inhormous fill made or on 0, 19 Sep 2014. According to the owner the dog was quited when the dog came home after vaccination. The dog did not want to drink and eat. The dog was wobbly and did not want to go outside. The symptoms persisted for 14 days, and then the dog recovered. The dog was not seen by a vet after vaccination. No further information expected [Reason for use for product: Generic: EPTPF LIV Brand KOBIVAC DHPPI VET SXIDS-SXIDS DIL 201 552 Reason: Prophylaxis Generic: DHPPI LIV Brand KOBIVAC DHPPI VET SXIDS-SXIDS DIL 201 Beason: Production (State of health; Good)	Crossbred	29	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/k,N/a,24,1 Dose Once (19/09/2014- 19/09/2014/BR> NOBIVAC L4 10X1DS 552 - 1,N/a,N/a,24,1 Dose Once (19/09/2014- 19/09/2014) 	B - Possible	Association in time. Other causes cannot be excluded, underlying disease.			

NOBIVAC L4	DK-NLINTVINT-2015-DK-00124	Denmark	Animal	Canine/dog	6 Year(s)	17/06/2015	02/07/2015	1 1	0 17/06/201	5 Yes, 	tremor,Epileptic	No Data	Suspected Adverse Reaction On 22 Jun 2015 a vet reports that a dog was treated with Bravecto 1000 mg on 17 Jun 2015. At the same day it was vaccinated with Nobivac L4 and Nobivac BDP. The dog had two generalized pelipselips clearuse the same evening as treatment, and again two generalized epilepsic setures the same evening as treatment, and again two generalized epilepsic setures the same evening as treatment, and again two generalized epilepsic setures the next day, and the last one on 19 Jun 2015. After the last seture the dog had tick, trenor, photosphoia had was sertless. This dog is known epileptic patent but has been stable and without setures for a long time and is treated also for a long time with pherobatrital. The latest seturn 2015 were the dog will be seen by attending vet. 1 to be updated. Update 23 Jun 2015. The vet tell that the dogs temperature was 40 degrees c on 23 Jun 2016, and that an infection is now suspected. It is not however exactly when the hyperthermis started. Lab results regarding (Barge check so) pare pending. Reason for see for product Generic LTIRLA MARC FER VETALEST BAND BAND STATE ALL SHEADING CENTER LAD REASON Prophylasis Generic ER GANNEY (PLIAT) Was made NOBIVA BAND STATE ALL SHEADING STATE ALL SHEADING STATE STATE SHEADING STATE STA		40	BRAVECTO 1000MG IX1TAB EU3 - 1,N/A,N/A, 2-4,1 Tablets Once (11/766/2015 - 11/66/2015)- BRBBF-Fenemai Labelst - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Clear time link and the combination of three potent drugs may have triggered the eplieptic setures. However, other cuses can at this time not be fully excluded, and an infection is also suspected. Awaits possible follow-up data.
NOBIVAC L4	DK-NLINTVINT-2015-DK-00144	Denmark	Animal	Canine/dog	15 Month(s)	07/07/2015	27/07/2015	1 1	0 07/07/201	5 No, <b R> No</b 	Vomiting.Facial swelling (see also 'Skin').Pruritus.Anaphylactic-type reaction,Tiredness	Unauthori sed dosage - dose too low	Sispect Adverse Reaction to Noblace DHPP and Noblace L4: The owner felt that Chibuahus's are especially sensitive to vaccinations and insisted on the vet using only half the volume of the vaccines. The vet accepted this after some discussions. Approximately three quarters of an hour after vaccination at ten of clock the dog three up, was titled and had swellings in the face and tiching. The owner returned with the dog to the vet and it was treated with Desadreson. All ready at tweeke of clock the dog had improved considerably. No more information is expected. [Reason for use for product Generic: DHPD 11 Parain. NOBINAC DHPP UT SYLIDS-SYLIDS ID 120. Reason: "Origination and GENERIC PROPAIR OF THE ARREST AND ARR	Chihuahua k	2.8	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A, 24,1 bose Once 1 Animal [2 Nourley 307/07/2015- 07/07/2015) ~BR>NOBIVAC L4 10X1D5 552 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (07/07/2015- 07/07/2015) ~BR>	A - Probable	Not partly B as the company suggests.
	DK-NLINTVINT-2015-DK-00170	Denmark	Animal	Canine/dog	11 Day(s)	11/07/2015	03/09/2015	3 3	1 22/07/201	S Yes, ABR>Not R>GR>Not Known		Not Known	Supperted Adverser Reaction by secondary exposure to Nobivac BBH* On ID Aug 2015 a vet reports tha a pregnarb lich was vaccinated with Nobiosa BBH and Nobiosa CB on the sander day as she gave birth, 11 Jul 2015. In some of the puppies respiratory signs began on 22 Jul 2015 and shedding of Intransal vaccine from the blind is suspected by the vet and owner as the cause. The blind henself had no symptoms. Two puppies are treated with amosicialinicklavulanic acid with good effect. One puppy is estimated, but not investigated further. Swabs and feces are further investigated from the puppy in this report. Update 21 Aug 2015; Lab results from commercial lab: Bacteriological examination shows infection with heardwork CE. coll. Streptococcuc cans and Salph. Intermedias in the investigated pupp. No Bordetella and no Paranifluenza. No further information expected (Reason for use for product- cements: LB CAUMP, 71 July X area. MORNY CE BBY 2015/2015.015; LOX Resons/Poptylaxia. CE LE FOR CHILLY (CAU), GRIPP, RRAT) NB Brandt NOBWAC L4 10/1015 512 Reasons. Vaccination) State of health:	d	0.7	NOBINCE BRP SXIDS-ISXIDS DIL 200-N/AN/A/N/A/N/A/N/A (11/07/2015- 11/07/2015-RPS8RP-NOBINCE LA 10XIDS 552 - 1N/AN/A/-24,1 Dose Once (11/07/2015- 11/07/2015-BR>-CBR>		
NOBIVAC L4	DK-NLINTVINT-2015-DK-00223	Denmark	Animal	Canine/dog	3 Month(s)	05/10/2015	27/10/2015	1 1	0 05/10/201	5 Yes, <b R> Yes</b 	Vocalisation,Pale mucous membrane,Involuntary defecation,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Suspected Adverse Reaction On 06 Oct 2015 a vet reports that a puppy, Bichon mix, was vaccinated with Nobbac LPH and Nobbac L4 on 05 Oct 2015. 5 minutes after vaccination the dog vocalized, vornited, defeated and was tred and pale. Treated with oxygen and recovered. No further information expected. [Reason for use for product: Generic: DHP LV Brand: NOBIVAC DHP LIVE VET SUD1-SXID DIZ OR Reason: Prophylistic Generic: LEPT VIGATIO, GRIPP, BRAT) KB. Brand: NOBIVAL 14 10XID5 552 Reason: Unknown.] [State of health: Good]	Crossbred	2	NOBIVAC DHP LIVE VET. 5X1D+5X1D DIL 200 - 1,N/A,N/A, 24,1 Dose Once (05/10/2015- 05/10/2015-BR> NOBIVAC L4 10X1D5 552 - 1,N/A,N/A, 24,1 Dose Once (05/10/2015- 05/10/2015-BR> 	A - Probable	Close time link, development of hypersensitivity reactions are well-known.
NOBIVAC L4	DK-NLINTVINT-2015-DK-90230	Denmark	Animal	Canine/dog	10 Week(s)	15/09/2015	27/10/2015	1 1	0 15/09/201	5 Yes, <6 R> Yes	Injection site pain, Vocalisation, Diarrhoea, Lethar gy (see also Central nervous system depression in Weurological'), Apathy, Immediate pain upon injection	No Data	Supercted Adverse Reaction On 14 Oct 2015 a vet reports that a puppy was vaccinated with Nobioc DMPP and Nobioc Le on 15 Sep 2015. The puppy had a severe immediate pain reaction when vaccinated. The vaccines were at room temperature when used. The owner reports that half an hour after vaccination the puppy became apartite, (lethrage and was in pain and screamed when touched in the neck. The emergency et was contacted by phone and prescribed melosicam for the puppy. It had effect after half a not, put a couple of hours later the reaction recurred. The owner suspects an allergic reaction. The next day the puppy recovered but had some loose stool. No further information expected. (Reson for use for products, Generic LIPPRI V STIGMS-NOTIOS DIX 201 Reason Prophylaus Generic LIPPRI V STI	Yorkshire Terrier	1	NOBINAC DHIPP VET SKIDS-SKIDS DIL 201 - 1,N/A.N/A, 24,1 Dose Once 15/09/2015- 15/09/2015-BN-SBN-NOBINAC L4 IDXID5 552 - 1.N/A.N/A, 24,1 Dose Once (15/09/2015- 15/09/2015)-BR>-BR>	A - Probable	Very close time lisk, either of the vaccines or more likely the combination may have caused the adverse reaction.
	DK-NLINTVINT-2015-DK-00248	Denmark	Animal	Canine/dog	8 Year(s)	02/11/2015	17/12/2015	1 1	0 02/11/201	5 Yes, < R> Yes	Pale mucous membrane, Pulmonary oedema, Increased respiratory rate, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Saspected Alverse Reaction On 16 Nov 2015 a vet reports that she vaccinated a dog 2 to 3 weeks ago with holohoc UPIDP and holoback LT Hod og was anaesthenet for derat cleaning and per medicate with a kepromazine, deemedetomidine and methadone. The dog received in fulids while anesthetized. The dog was vaccinated when it was wake and ready to go home. It returned to the clinic less than one hour later, and it was pale, lethangic and had increased respiration rate. Treated for analynlasis and kept hospitalized for I week because of pulmonary edoma. Recovered. No further information expected [Reason for use for product: Generic: UPIPI IV Srand: NDBIVAC DHPP VET SXIDS-SXID DIL 2011. 2018 Rexistor-Prophylasis Generic: LEPT-94(CT_CAN_GRIPP_BRAT) KB Brand: NDBIVAC L4 10XIDS 552 Reason: Prophylasis [State of health: Good]	5	Not Known	NOBIVAC DHPPI VET SXIDS+SXIDS DIL 201 - 1,N/A,N/A, 24,1 bose Once (02/11/2015- 02/11/2015-BR->CBR->NOBIVAC L4 10XID5 552 - 1,N/A,N/A, 24,1 Dose Once (02/11/2015- 02/11/2015-BR>>BR>>	B - Possible	The adverse reaction appears immediately after uscinciation (note), but the digh above under complete anaesthesia earlier that disk complete anaesthesia earlier that disk
NOBIVAC L4	DNK-BIAHPV1P-17DK000048	Denmark	Animal	Canine/dog	4 Year(s)	21/06/2017	19/07/2017	1 1	21/06/201	7 Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR>		Not Known	On the 21-UN-2017 a 4-year old French buildog (gender and weight unknown) was revaccinated with MABISIN NET (bast) 1452655;1 mt Sc and vaccinated with Nobbiac BBN and Nobbiac L4 SC. Approximately 50 minutes after the injections the dog vomited and approx. 90 minutes post vaccination the dogs face swell and it had papules all over its body (mostly on forelegs and in forehead). The dogs was treated with Rapidsown and recovered. (Reason for use for product: Generic RABISIN THIO FREE Brand: RABISIN VET Reason: Add in prevention of disease caused by labeled agent(5) Generic Trand: Nobbiac BBN Reason: Unspecified Generic: Brand: Nobbiac L4 Reason: Unspecified] (State of health: Good)	Other Canine/dog	Not Known	Nobivac BbPi - 4,N/A,N/A, 10,0.4 millilitres 1 Animal (21/06/2017-21/06/2017-8) MeRN-BR-Nobivac L4 - 1,N/A,N/A, 10,1 millilitres 1 Animal (21/06/2017-21/06/2017)-BRN-BR>RABISIN VET - 1,N/A,N/A, 10,1 millilitres 1 Animal (21/06/2017-21/06/2017)-BRN-BR>	B - Possible	Close associative connection in time, well-known adverse event. Concomitant vaccines are given
	DNK-MERCKMSD-2015- 0K-00259	Denmark	Animal			11/12/2015		5 1		S Yes, -BR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-	Injection site pain/Vocalisation_Ataxio_Decreased appetite_Impaired proprioception, Walking difficulty	Not Known	Supercited Adverse Reaction On 15 Dec 2015 a vet reports that a puppy and its 4 stillings were vaccinated with Noblack DRPPI and Noblect Left on 11 Dec 2015. Noe of the pupples Repart to screan later in the evening and became increasingly atactic. The next day it could hardly walk on its own and had markedly decreased appetite. Two days after it was improving a little bit. On 15 Dec it was seen be the vet and she found its one when manipulating the head and next. The puppy itself to walk around but had difficulties olong that caused by a bad coordination. Apparently no proprioception in the front legs and decreased on the hind legs. Appetent aromal, temperature 38.7 degrees. Treated with carprofers. On 15 Dec 2015 the puppy is still improving, it still falls but is getting up again immediate. Update MAH 22 Dec 2015 statending vet tells that the dog is improving, but is not completely recovered yet. No more information expected. [Reason for use for product: Generic: DIPPI LV Branch NOBINAC DEPN VET XCIDS-SYLOS ID 10.21 Reason repolybusic Seneric: LEPTO*QUET,CAM,GRIPP,BRAT) (SB Brand: NOBIVAC L4 10XLDS 552 Reason: Unknown.] [State of health; Gnord!]	Bichon Frise	Not Known	NOBINAC DHEPI VET SXLDS-SXLDS 011.201 - 1.N/A,N/A,2,1 Dose (11/12/2015- 11/12/2015-BRP8RP-NOBIVAC LA 00XIDS 552 - N/A,N/A,N/A,N/A, (11/12/2015-11/12/2015)-BRPBRP-		Agree with MAH explanation. There is a link in time, adverse seactions are pulse offensees with this combination of vaccines, especially in pupples, but the clinical picture does not exactly mimic that typically seen. Other causes cannot be excluded
NOBIVAC L4	DNK-MERCKMSD-2015-DK-00268	Denmark	Animal	Canine/dog	12 Week(s)	17/12/2015	08/01/2016	1 1	0 17/12/201	5 Yes, <b R> >Pes</b 		No Data	Suspected Alverse Reaction on 29 Dec 2015 a ver reports that the vaccinated a puppy on 17 Dec 2015. 2015 a low reports that the vaccinated a puppy on 17 Dec 2015. 2010 30 millions after vaccination the dop find facile doctem and utilization, pale mucrous membranes and increased pulse rate. It was also a little weak and had nausea. Treated with clematin and decamethsaone. Recovered the same day shortly after treatment. No further information expected. [Reason for use for product Genetic IDRP] U Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI] [XB Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI] [XB Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI [XB Brand: NOBIVAC DIPP BRATI] [XB Brand: NOBIVAC DIPP BRATI [XB BRAND: NOBIVAC	Chihuahua	1.2	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A,24,1 Dose (17/12/2015) 17/12/2015) - 18/N-8R>NOBIVAC L4 10X1DS 552 - 1,N/A,N/A,24,1 Dose (17/12/2015-17/12/2015) - 18R> - 8R>	A - Probable	Close time link, well-known adverse reaction, it is most likely the combination of the vaccines that resulted in clinical symptoms

NOBIVAC L4	DNK-MERCKMSD-201				Ta	I ()		20/04/2016					T		1		I		In the second second
NOBIVAC L4	DNK-MERCKMSD-201	16-DK-00053	Denmark	Animal	Canine/dog	7 Year(s)	30/03/2016	20/04/2016	1 1	. 0 01/04	XNOT KNOWN, FR FR FR FR FR FR FR FR FR F	BR> > <b Yes,</b 	No Data	Suspected Adverse Reaction On 04 Apr 2016 a vet reports that a dog was treated with Bravecto 500 mg on 30 May 2016. The dog was also occurated with Noblove F and Mobblex L, and had 3 Superfior implant on the same day. The dog is a known epileptic and is continuously treated with phenobarital, and he had no epileptic setures for the stat half year. The dog that epileptic setures on 01 Apr, and again on 02 and 03 Apr. On 04 Apr 2016 the dog went under ansesthesis to control the setures. After ansesthesis the dog is back to normal: Serum fenemal(1) was measured twice and was within the reference interval both times. No further information expected. [Reason for use for product: Generic: FURDAMERCHEW TABLETS Transic ISBACETS DOMG SUTATE BUTS Reson: Ectoparistic control Generic: CHANTER PRANIFILIENTAL IV Brand KDBEVLAC IV HET. \$XXDS-SSIDS DIL 200 Reasor Prophylasis Generic: ELEPTO-4(ICT, CANGERP PRANIFILIENTAL VIOLETS). STATE OF TROPHYLASS Generic: Brand: Superiorni implant Reason: Medical infertitity [State of health: Good]	Beagle n	18.2	BRAYETO 500MG INTIAB EU3 - 1,1/A/N/A, 24,1 Tablet 18,3(0%),2001 30/08/2016;48R-×68R-×0001WC L4 10X105 552 - 1,N/A/N/A, 24,1 Dose (30/03/2016;48R-×68R-×001WAC PV ET: SXLD5+5XLD5 DI 2.00 - 1,N/A/N,A 24,1 Dose (30/03/2016;48R-×68R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;48R->40/03/2016;4	O1 - Inconclusive	MAH's explanation is accepted. M8 it is known that homomens may alter stature threshold and change the frequency and severity of setures in humans and animals, thus the Supprotoin might be more likely to cause the reaction.
NOBIVAC L4	DNK-MERCKMSD-201	16-DK-00087	Denmark	Animal	Canine/dog	Not Known	01/06/2016	15/06/2016	1 1	0 01/06	'2016 Yes, <b R> <br< td=""><td></td><td>No Data</td><td>Suspected Adverse Reaction 0.00 fb.m. 2016 a vet reports that a dog was vaccinated with Nobixac DHPP and Nobixac L4 on 0.1 Jm. 2016. The dog had a pain reaction and became lethargic within a few minutes. Treated with Hubids and conticotracional and recovered. No further information expected (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI VET SXID5-SXID5 DIL 201 Reason: Prophylaxis Generic: LETPI CHICC,TAM, GRIPP, BRAT) XB Brand: NOBIVAC L4 10XLD5 S52 Reason: Prophylaxis] (Sate of health: Good)</td><td>Coton de Tuléar</td><td>2.4</td><td>NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A,24,1 Dose (01/06/2016- 01/06/2016-BR> NOBIVAC L4 10X1DS 552 - 1,N/A,N/A,24,1 Dose (01/06/2016-01/06/2016) </td><td>B - Possible</td><td>Time link, known reaction to vaccines, two vaccines used concomitantly. Reason for adding "anaphylaxis" is that the dog responded to the treatment with fluids and corticosteroids.</td></br<></b 		No Data	Suspected Adverse Reaction 0.00 fb.m. 2016 a vet reports that a dog was vaccinated with Nobixac DHPP and Nobixac L4 on 0.1 Jm. 2016. The dog had a pain reaction and became lethargic within a few minutes. Treated with Hubids and conticotracional and recovered. No further information expected (Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI VET SXID5-SXID5 DIL 201 Reason: Prophylaxis Generic: LETPI CHICC,TAM, GRIPP, BRAT) XB Brand: NOBIVAC L4 10XLD5 S52 Reason: Prophylaxis] (Sate of health: Good)	Coton de Tuléar	2.4	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A,24,1 Dose (01/06/2016- 01/06/2016-BR> NOBIVAC L4 10X1DS 552 - 1,N/A,N/A,24,1 Dose (01/06/2016-01/06/2016) 	B - Possible	Time link, known reaction to vaccines, two vaccines used concomitantly. Reason for adding "anaphylaxis" is that the dog responded to the treatment with fluids and corticosteroids.
NOBIVAC L4	DNK-MERCKMSD-201		Denmark	Animal	Canine/dog	,	28/10/2016	24/11/2016	1 1	0 29/10	R> <br< td=""><td>Yes swelling.Injection site pain</td><td></td><td>Suppercial Afwerse Reaction On OA Nov 2016 a vet reports that a dog was vaccinated with hobbyac UNPR and Nobbrac L No 18 Oct 2016. The next day the dog develops a swelling in the next. On 03 No 2016 the swelling is 18 cm and pairful and very tense. The aboces is drained for 100 ml purulent material in aneasthesis. Microscopy shows coccold bacteria and neutrophils. No further information expected. (Reason for use for product: Generic LIMPP II V Parant MOSIN/CAP MY TEXTIDIS-STUD III. 2018 Reason. Prophylaxis Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] NB Brand: NOBIN/CL L4 10XLIDS 528 Reason. Prophylaxis (State of health Good)</td><td>Crossbred v</td><td>40</td><td>NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A, 24,1 Dose 1 Animal (28/10/2016- 28/10/2016)-BR>-BR>NOBIVAC L4 10X1D5 552 - 1,N/A,N/A, 24,1 Dose 1 Animal (28/10/2016- 28/10/2016-BR>-BR>-</td><td>B - Possible</td><td>sime-link, reaction at injection site, swelling— occasional firm and painful – is known to occur very commonly for L4</td></br<>	Yes swelling.Injection site pain		Suppercial Afwerse Reaction On OA Nov 2016 a vet reports that a dog was vaccinated with hobbyac UNPR and Nobbrac L No 18 Oct 2016. The next day the dog develops a swelling in the next. On 03 No 2016 the swelling is 18 cm and pairful and very tense. The aboces is drained for 100 ml purulent material in aneasthesis. Microscopy shows coccold bacteria and neutrophils. No further information expected. (Reason for use for product: Generic LIMPP II V Parant MOSIN/CAP MY TEXTIDIS-STUD III. 2018 Reason. Prophylaxis Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] NB Brand: NOBIN/CL L4 10XLIDS 528 Reason. Prophylaxis (State of health Good)	Crossbred v	40	NOBIVAC DHPPI VET 5X1DS+5X1DS DIL 201 - 1,N/A,N/A, 24,1 Dose 1 Animal (28/10/2016- 28/10/2016)-BR>-BR>NOBIVAC L4 10X1D5 552 - 1,N/A,N/A, 24,1 Dose 1 Animal (28/10/2016- 28/10/2016-BR>-BR>-	B - Possible	sime-link, reaction at injection site, swelling— occasional firm and painful – is known to occur very commonly for L4
NOBIVAC L4			Denmark	Animal	Canine/dog		12/10/2016		1 1		2016 Yes, <b R> <bf< td=""><td>Yes membrane,Anaphylaxis,Tachypnoe a,Lethargy (see also Central nervous system depression in 'Neurological')</td><td>No Data</td><td>Suspected Alverse Reaction. On 15 Nov 2016 a ver reports that she vaccinated a 12 weeks old puppy, weeks ago with Nobuco IPHP and Noblace L4 Within 20 minest after vaccination the puppy went pain and lethargic with a fast rate of respiration. Treated with ir fluids. No further information expected (Reason for ruse for product: Generic: IPHP IV Brand: NOBIVAC IPH LIVE VET. SXLD-SXLD DIL 200 Reason: Prophylaxis Generic: IEPTO*4[CT_CAM_GRIPP_BRAT] XB Brand: NOBIVAC L4 10XLDD 552 Reason: Prophylaxis] [State of health: Good]</td><td>e</td><td>Not Known</td><td>NOBIVAC DHP LIVE VET. 5X1D+5X1D DIL 200 - 1,N/A,N/A,24,1 Dose 1 Animal (12/10/2016- 12/10/2016) -8R><8R>NOBIVAC L4 10X1D5 552 - 1,N/A,N/A,24,1 Dose 1 Animal (12/10/2016- 12/10/2016-6R8>6R></td><td>B - Possible</td><td>time-link, concomitant treatment, known reaction to vaccines</td></bf<></b 	Yes membrane,Anaphylaxis,Tachypnoe a,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Suspected Alverse Reaction. On 15 Nov 2016 a ver reports that she vaccinated a 12 weeks old puppy, weeks ago with Nobuco IPHP and Noblace L4 Within 20 minest after vaccination the puppy went pain and lethargic with a fast rate of respiration. Treated with ir fluids. No further information expected (Reason for ruse for product: Generic: IPHP IV Brand: NOBIVAC IPH LIVE VET. SXLD-SXLD DIL 200 Reason: Prophylaxis Generic: IEPTO*4[CT_CAM_GRIPP_BRAT] XB Brand: NOBIVAC L4 10XLDD 552 Reason: Prophylaxis] [State of health: Good]	e	Not Known	NOBIVAC DHP LIVE VET. 5X1D+5X1D DIL 200 - 1,N/A,N/A,24,1 Dose 1 Animal (12/10/2016- 12/10/2016) -8R><8R>NOBIVAC L4 10X1D5 552 - 1,N/A,N/A,24,1 Dose 1 Animal (12/10/2016- 12/10/2016-6R8>6R>	B - Possible	time-link, concomitant treatment, known reaction to vaccines
NOBIVAC L4	DNK-MERCKMSD-201		Denmark	Animal	Canine/dog	8 Year(s)	09/11/2016	30/11/2016	1 1		/2016 Yes, <b< td=""><td>Yes membrane,Drooling,Vomiting,Yello w mucous membranes,Increased respiratory rate,Death by euthanasia,Anorexia,Decreased appetite,Lethargy (see also Central nervous system depression in 'Neurological'),Listless,Blood in urine,Bilirubinuria</td><td>No Data</td><td>Suspected Adverse Reaction. On 17 Nov 2016 a vet reports that a dog was vaccinated with Noblwac PI and Noblwac LO of 90 Nov 2016. In 64 pic suler, has decreased appetite and increased respiratory rate. Conjunctival mucrosi is a bit yellow and pale. On 16 Nov 2016 the due nine is reddish and contains billinguish, and the dog ownits none, Later that day the dog is dorolling and lethange. Treated symptomatic with antibiotics, strends, by fluids, artementics. On 17 Nov 2016 the dog is exthansiced. Audropy will be performed, Vet does not suspects vaccination, but known does 1.4 days ago another dog owned by the same owner cled suddenly after watery distribus. [Reason for use for product: Generic CAMINE PARAINALISEAL VI Branch NOBINAC P VET. SUBSCP-SUSE OIL 200 Reason: Prophylaxis Generic: LEPTO*4[CT.CAM, GRIPP.BRAT] XB. Brand. NOBINAC L4 10XIDS 552 Reason: Prophylaxis (State of health; Good)</td><td>Berger de Brie (Briard)</td><td></td><td>NOBIVAC L4 10X1DS 552 - 1.N/A.N/A, 24,1 Dose 1 Animal (09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016-</td><td>O - Unclassifiable/unassessa ble</td><td>time-link not quite clear (six days after vaccination) but could be, dissent exceptly in another dog (ded) in the household, autopsy-results pending</td></b<>	Yes membrane,Drooling,Vomiting,Yello w mucous membranes,Increased respiratory rate,Death by euthanasia,Anorexia,Decreased appetite,Lethargy (see also Central nervous system depression in 'Neurological'),Listless,Blood in urine,Bilirubinuria	No Data	Suspected Adverse Reaction. On 17 Nov 2016 a vet reports that a dog was vaccinated with Noblwac PI and Noblwac LO of 90 Nov 2016. In 64 pic suler, has decreased appetite and increased respiratory rate. Conjunctival mucrosi is a bit yellow and pale. On 16 Nov 2016 the due nine is reddish and contains billinguish, and the dog ownits none, Later that day the dog is dorolling and lethange. Treated symptomatic with antibiotics, strends, by fluids, artementics. On 17 Nov 2016 the dog is exthansiced. Audropy will be performed, Vet does not suspects vaccination, but known does 1.4 days ago another dog owned by the same owner cled suddenly after watery distribus. [Reason for use for product: Generic CAMINE PARAINALISEAL VI Branch NOBINAC P VET. SUBSCP-SUSE OIL 200 Reason: Prophylaxis Generic: LEPTO*4[CT.CAM, GRIPP.BRAT] XB. Brand. NOBINAC L4 10XIDS 552 Reason: Prophylaxis (State of health; Good)	Berger de Brie (Briard)		NOBIVAC L4 10X1DS 552 - 1.N/A.N/A, 24,1 Dose 1 Animal (09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016- 09/11/2016-	O - Unclassifiable/unassessa ble	time-link not quite clear (six days after vaccination) but could be, dissent exceptly in another dog (ded) in the household, autopsy-results pending
	DNK-MERCKMSD-201		Denmark	Animal	Canine/dog		18/11/2016	30/11/2016	1 1		2016 Yes, <b R> <bf< td=""><td>Yes defecation, Vomiting, Anaphylaxis, A axia, Dyspnoea, Cyanosis</td><td>No Data</td><td>Suspected Adverse Reaction. On 21 Nov 2016 a ver reports that a dog was vaccinated with Nobivac DMPPH and Nobivac L on 18 Nov 2016. Do minutes after vaccination the dog vomente, defected, hid dyspnoea, bluish mucosa, and was atactic. Treated with steroid. No further information expected (Reason for use for product: Generic: DMPPH LV Branch NOBIVAC DMPP VET SXLDS-SXLDS DIL 201 Reason: Prophylaxis Generic: LETO* (IGTC, DM, GMPP) BRATT XB. Brand: NOBIVAC L4 10XLDS 552 Reason: Prophylaxis] (State of health: Good)</td><td>Coton de Tuléar</td><td></td><td>NOBIVAC DHPPI VET SX1DS+SX1DS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Anima (18/11/2016- 18/11/2016) -8R><8R>NOBIVAC L4 10XIDS 552 - 1,N/A,N/A,24,1 Dose 1 Animal (18/11/2016- 18/11/2016-18/11/20</br></td><td>B - Possible</td><td>time-link, known reactions to vaccines, concomitant treatment (2 vaccines)</td></bf<></b 	Yes defecation, Vomiting, Anaphylaxis, A axia, Dyspnoea, Cyanosis	No Data	Suspected Adverse Reaction. On 21 Nov 2016 a ver reports that a dog was vaccinated with Nobivac DMPPH and Nobivac L on 18 Nov 2016. Do minutes after vaccination the dog vomente, defected, hid dyspnoea, bluish mucosa, and was atactic. Treated with steroid. No further information expected (Reason for use for product: Generic: DMPPH LV Branch NOBIVAC DMPP VET SXLDS-SXLDS DIL 201 Reason: Prophylaxis Generic: LETO* (IGTC, DM, GMPP) BRATT XB. Brand: NOBIVAC L4 10XLDS 552 Reason: Prophylaxis] (State of health: Good)	Coton de Tuléar		NOBIVAC DHPPI VET SX1DS+SX1DS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Anima (18/11/2016- 18/11/2016) -8R><8R>NOBIVAC L4 10XIDS 552 - 1,N/A,N/A,24,1 Dose 1 Animal (18/11/2016- 	B - Possible	time-link, known reactions to vaccines, concomitant treatment (2 vaccines)
	DNK-MERCKMSD-201		Denmark	Animal		12 Week(s)	19/12/2016	24/01/2017	1 1	. 0 19/12	R>
 BR> Ye</br 	Yes,	No Data	Suspected Adverse Reaction On 10 Jan 2017 It was reported that a day was vaccinated with Nobious DIP, Robbiec L1 and Nobious BBP on 10 Dec 2015. Within 30 minutes after vaccination the day developed a marked swelling of the face, and generalized pruritus. It was treated with 0.55 mL of flowmethyleredisholon £. No further fiftermation expected. [Reason for use for product: Generic: DIP LV Standt NOBIVAC IDP LIVE VET. SXID-SXID DIL 200 Reason: Prophylosis Generic: EUT-07-0FLC (AMORIF) PAGIT 138 mark NOBIVAC LI BIOLIS 525 Reason: Prophylasis Generic: BCANINE / PI LIJ/LV Srand. NOBIVAC BBPI SXID-SXID SDI. 200 Reason: Prophylasis] (State of health: Good)	German Shepherd Dog		NOBINAC BBPI SXID5-SXID5 DIL 200 - 1.N/A.N/A. 24,1 Dose 1 Animal (19/12/2016- 19/12/2016-BR>-GBR>-NOBINAC DHP LIVE VET. SXID-5XID DIL 200 -1.N/A.N/A. 24,1 Dose 1 Animal (19/12/2016)-GBR>-GBR>-NOBINAC L4 DXID5 552 - 1.N/A.N/A. 24,1 Dose 1 Animal (19/12/2016- 10/12/2016)-GBR>-GBR>-NOBINAC L4	B - Possible	Close link in time, known symptoms of type 1 hypersensibility reaction
	DNK-MERCKMSD-201		Denmark	Animal		2.5 Month(s)		15/02/2017	1 1	0 07/02	R×BR×BF	Yes	No Data	Suspected Alverse Reaction On 08 Feb 20.17 a vet reports that a puppy was varcinated with Nobinc DMPRI and L6 and 7Feb 2017. After vaccination the dop had an anphylactic reaction and was treated with oxygen, dexametasone and Lv. fluids. The dog is not earlier vaccinated with Nobinac, but had earlier reacted with a lump in the neck after vaccination with another vaccine. The dog is recovered. (Reason for use for product: Generic: LEPTO*4[CT.CAM, GRIPP, BRAT] XB Brand: NOBINAC L14 IDXIDS 552 Reason: Prophylaxis Generic: LEPTO*4[CT.CAM, GRIPP, BRAT] XB Brand: NOBINAC L14 IDXIDS 552 Reason: Prophylaxis (State of health Good)	Bichon Frise	1.8	NOBIVAC DHPPI VET SX1DS+5X1DS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Animal (07/02/2017- 07/02/2017) >BR><8R>NOBIVAC L4 10X1DS 552 - 1,N/A,N/A,24,1 Dose 1 Animal (07/02/2017- 	B - Possible	time-link, known reaction to vaccines, two vaccines administered concomitantly
	DNK-MERCKMSD-201		Denmark	Animal	Canine/dog	6 Year(s)	15/03/2017	31/03/2017	1 1	. 0 15/03	R> <br< td=""><td>Yes</td><td>No Data</td><td>Suspected Adverse Reaction On 16 Mar 2017 a vet reports that a dog was vaccinated with Nobivac DMPPI and Nobivac 4 on 15 Mar 2017, the innutes after vaccination the dog began to shive and had ataxia. It had a steroid injection s.c. and was olay again after 5 to 10 minutes. No further information expected (Reason for use for product: Generic: IMPPI I.V Strand: NOBIVAC DHPPI VET SXISDS-SXID UIL 201 Reason: Prophylatis Generic: EPTO*GITC/RAM,GRIPP,BRAT) RB Brand: NOBIVAC L4 10XIDS 552 Reason: Prophylasis [State of health: Good]</td><td></td><td>Not Known</td><td>NOBIVAC DHPPI VET SXIDS+SXIDS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Animal (15/03/2017- 15/03/2017) -BR> NOBIVAC L4 10XIDS 552 - 1,N/A,N/A,24,1 Dose 1 Animal (15/03/2017- 15/03/2017) -BR> </br></td><td>B - Possible</td><td>time-link, known reaction, two vaccines used concomitantly</td></br<>	Yes	No Data	Suspected Adverse Reaction On 16 Mar 2017 a vet reports that a dog was vaccinated with Nobivac DMPPI and Nobivac 4 on 15 Mar 2017, the innutes after vaccination the dog began to shive and had ataxia. It had a steroid injection s.c. and was olay again after 5 to 10 minutes. No further information expected (Reason for use for product: Generic: IMPPI I.V Strand: NOBIVAC DHPPI VET SXISDS-SXID UIL 201 Reason: Prophylatis Generic: EPTO*GITC/RAM,GRIPP,BRAT) RB Brand: NOBIVAC L4 10XIDS 552 Reason: Prophylasis [State of health: Good]		Not Known	NOBIVAC DHPPI VET SXIDS+SXIDS DIL 201 - 1,N/A,N/A,24,1 Dose 1 Animal (15/03/2017- 15/03/2017) -BR> NOBIVAC L4 10XIDS 552 - 1,N/A,N/A,24,1 Dose 	B - Possible	time-link, known reaction, two vaccines used concomitantly
	DNK-MERCKMSD-201		Denmark	Animal	Canine/dog		07/06/2017		6 2		R> <br< td=""><td>thirst, Vocalisation, Vomiting</td><td>No Data</td><td>Suspected Adverse Reaction On 14 Jun 2017 a vet reports that a litter of 6 puppies was vaccinated wit Noblace DHF Use and Noblace L4 on Day 100, 2017. The owner called the vet and not oblit that one puppin not yet sold died on 13 Jun 2017. Before it died it had vomited, had viscous discharge in the nostrik, dyppnea, was very hintys and vocalizate. Symptoms istated a maximum half a 40 before the death. The puppy was not seen by the vet. One male puppy died also, but no detailed information is known about this one as it was already sold. The puppless are not surablishe for autopsy. No further information expected (Reason for use for product: Generic: DHF LV Rarad: NOBIVAC DHF LVT VET. SELD-SXID DIL 200 Reason: Prophylaxis Generic: LEPTO*/HOTC.AK.GRIP/B.RRAT) KB Brand: NOBIVA L4 10XID5552 Reason: Prophylaxis [State of health: Good)</td><td>h Coton de Tuléar</td><td></td><td>NOBIVAC DHP LIVE VET. SXLD-SXLD DIL 200 - 1,NA,NA, 2,4,1 Dose 1 Animal (07/06/2017- 07/06/2017-BR->BR->BR->DBIVAC L4 DXLD5 55.2 - 1,NA,NA, 2,4,1 Dose 1 Animal (07/06/2017- 07/06/2017) >BR></td><td></td><td>No close time-link, other causes possible but no necropsy or other investigations carried out.</td></br<>	thirst, Vocalisation, Vomiting	No Data	Suspected Adverse Reaction On 14 Jun 2017 a vet reports that a litter of 6 puppies was vaccinated wit Noblace DHF Use and Noblace L4 on Day 100, 2017. The owner called the vet and not oblit that one puppin not yet sold died on 13 Jun 2017. Before it died it had vomited, had viscous discharge in the nostrik, dyppnea, was very hintys and vocalizate. Symptoms istated a maximum half a 40 before the death. The puppy was not seen by the vet. One male puppy died also, but no detailed information is known about this one as it was already sold. The puppless are not surablishe for autopsy. No further information expected (Reason for use for product: Generic: DHF LV Rarad: NOBIVAC DHF LVT VET. SELD-SXID DIL 200 Reason: Prophylaxis Generic: LEPTO*/HOTC.AK.GRIP/B.RRAT) KB Brand: NOBIVA L4 10XID5552 Reason: Prophylaxis [State of health: Good)	h Coton de Tuléar		NOBIVAC DHP LIVE VET. SXLD-SXLD DIL 200 - 1,NA,NA, 2,4,1 Dose 1 Animal (07/06/2017- 07/06/2017-BR->BR->BR->DBIVAC L4 DXLD5 55.2 - 1,NA,NA, 2,4,1 Dose 1 Animal (07/06/2017- 07/06/2017) >BR>		No close time-link, other causes possible but no necropsy or other investigations carried out.
NOBIVAC L4	DNK-MERCKMSD-201	17-DK-00220	Denmark	Animal	Canine/dog	14 Month(s)	12/09/2017	22/10/2017	1 1	0 12/09	2017 Yes, <b< td=""><td></td><td>No Data</td><td>Suspected Adverse Reaction On OS Oct 2017 a vet reports that a dog was vaccinated with Noblwac DMPB and Noblwac Lot on 12 Sep 2017. The same evening the dog gets a epileptic seiture, and it had a additional seitures in Sep 2017. A couple of times the owner have seen saliva in the fur and fees on the floor when he came home from work. The dog was previously succinated with Noblwac DPPB and Noblav Let in September and October 2016. No further information expected. [Reason for use for product: Generic: EIPTO*4[CT,CAM,GBIPP,BRAT] NB Brand: NOBIVAC L4.10XID5.532 Reason: Prophylaxis] Issate of health: Gastron Camera C</td><td>Golden 4 Retriever</td><td>27.4</td><td>NOBIVAC DHPPI VET SX1DS+5X1DS DIL 201 - 1,N/A,N/A, 24,1 Dose 1 Animal (12/09/2017- 12/09/2017):BR> NOBIVAC L4 10X1DS 552 - 1,N/A,N/A, 24,1 Dose 1 Animal (12/09/2017- 12/09/2017):BR> </td><td>O1 - Inconclusive</td><td>close time link, but epileptic seizure is not an expected AE-with the vaccine. Furthermore, the dog had basic vaccinations with the same vaccine previous year without reported AE. The causal relationship is considered inconclusive</td></b<>		No Data	Suspected Adverse Reaction On OS Oct 2017 a vet reports that a dog was vaccinated with Noblwac DMPB and Noblwac Lot on 12 Sep 2017. The same evening the dog gets a epileptic seiture, and it had a additional seitures in Sep 2017. A couple of times the owner have seen saliva in the fur and fees on the floor when he came home from work. The dog was previously succinated with Noblwac DPPB and Noblav Let in September and October 2016. No further information expected. [Reason for use for product: Generic: EIPTO*4[CT,CAM,GBIPP,BRAT] NB Brand: NOBIVAC L4.10XID5.532 Reason: Prophylaxis] Issate of health: Gastron Camera C	Golden 4 Retriever	27.4	NOBIVAC DHPPI VET SX1DS+5X1DS DIL 201 - 1,N/A,N/A, 24,1 Dose 1 Animal (12/09/2017- 12/09/2017):BR> NOBIVAC L4 10X1DS 552 - 1,N/A,N/A, 24,1 Dose 1 Animal (12/09/2017- 12/09/2017):BR> 	O1 - Inconclusive	close time link, but epileptic seizure is not an expected AE-with the vaccine. Furthermore, the dog had basic vaccinations with the same vaccine previous year without reported AE. The causal relationship is considered inconclusive

NOBIVAC L4	DNK-MERCKMSD-2017-DK-00224	Denmark	Autoral	Carlos (das	aa saraalda)	09/10/2017	30/10/2017			/10/2017 Y	res, <b< th=""><th>Pale mucous membrane, Allergic</th><th>No Data</th><th>Suspected Adverse Reaction On 11 Oct 2017 a vet reports that a puppy was vaccinated with Nobivac</th><th>In</th><th></th><th>NOBIVAC BBPI 5X1DS+5X1DS DIL</th><th>B - Possible</th><th>Close time link, well-known adverse reaction, but</th></b<>	Pale mucous membrane, Allergic	No Data	Suspected Adverse Reaction On 11 Oct 2017 a vet reports that a puppy was vaccinated with Nobivac	In		NOBIVAC BBPI 5X1DS+5X1DS DIL	B - Possible	Close time link, well-known adverse reaction, but
			Animai	Canine/dog	11 Week(s)					R E	₹> >ER>Yes, *BR> >BR> *BR>Yes	reaction,Respiratory distress,Swelling around eye		DHP Lies, Noblwac L4 and Noblwac BBPI on 09 Oct 2017. Shortly after vaccination the dog had a allegic reaction with utilizaria, swelling around the eyes, pile microsal membrane and a bit distressed respiration. It was treated with steroid and fiv fluid. The treatment was repeated twice that day because of reoccurrence of symptoms in the evening. The dogs is recovered. No Intell information expected (Reason for use for product: Generic IDPF LV Brand: NOBIWAC DHP LIVE VET. SATIO-SATO DUI. 200 Reason. Prophylaios Generic LEPTO-40(CT_AOK_RIPP_RADIT) all Brand: NOBIWAC BBPI SATIOS-51DS DII. 200 Reason. Prophylaios (Deservice BB CARINE/ PILB/LV Brand: NOBIWAC BBPI SATIOS-51DS DII. 200 Reason. Prophylaios (Deservice BB CARINE/ PILB/LV Brand: NOBIWAC BBPI SATIOS-51DS DII. 200 Reason. Prophylaios) [Tatte of health: Good]			200 - 1.N/A,N/A, 24,1 Dose Not applicable 1. Animai (109/10/2017-0		three vaccinations given so the exact contribution of each of these is not clarified.
	DNK-MERCKMSD-2017-DK-00254	Denmark	Animal			06/11/2017		1 2		R	R> Yes	Diarrhoea Jcterus,Death by euthmansia,Decreased appetite,Elevated liver enzymes,Elevated renal parameters,Enlarged kidney(s),Decreased drinking		Suspected Adverse Reaction On 08 Nov 2017 a vet reports that a puppy was vaccinated with Noblosc DMPRI and Noblosc 4.0 on 6 Nov 2017, the evening the same day the dog would only eat and drink very small amounts. On 09 Nov 2017 the dog is seen by a vet, and she finds it Letent. High liver and kidney values, durinker, still decreased appetres. Scanning on 10 Nov 2017 finds both delayer enlarged. Teated with fluids, steroid and antibiotics. The dog has earlier been vaccinated with Noblosc DMP Low without problems. Update 2.2 Nov 2017, the puppy is esthated and congenital kidney disease was diagnosed. Kidneys were enlarged, especially the pelvis, and pupities were absent. (Reason for use Pophylasks General LETPO*4(CT-CAM_CRIPP_BRAT) KB Branck HOBIVAL L4 10x110 532 Reason: Prophylasks General LETPO*4(CT-CAM_CRIPP_BRAT) KB Branck HOBIVAL L4 10x110 532 Reason: Prophylasks General	(Standard) Smooth- haired	6	NOBINAC DHPPI VET SXLDS-SXLDS DIL 201 1.N/AN/A 2.4.1 Dose 1 Animal (06/11/2017-06/11/2017-06/11/2017-08P->0BIVAC L4 10XLDS 552 - 1.N/A.N/A 2.4.1 Dose 1 Animal (06/11/2017-06/11/2017)-BR> 	,	Close time link between vaccination and decreased appetite, but NG agrees with MM that termaining symptoms when seen all together are rather unexpected. Since congenital listing videase was diagnosed, vaccine involvement is considered N- timilely.
NOBIVAC L4	DNK-MERCKMSD-2018-DK-00057	Denmark	Animal	Canine/dog	4 Year(s)	05/03/2018	21/03/2018	1 1	0 05	/03/2018 Y	/es, <br< td=""><td>Pale mucous membrane,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Anaphylaxis</td><td>No Data</td><td>Suspected Adverse Reaction On 08 Mar 2018 a vet reports that a dog was vaccinated with Nobivac DMPR and Nobies (a not SM Arr 2018 The dog collaged 5-7 minutes after excitation. Very pale mucosal membranes. Vac treated with oxygen and dexamethasone and recovered. No further information expected (Reason for use for product. Generic: DMPPI LV Branch. NOBIVAC DMPPI VET SXID5-SXID5 DIQ TREASON: PolyPhylaxis (State of health: Good) NOBIVAC L4 10X1D5 552 Reason: Prophylaxis) (State of health: Good)</td><td>Chihuahua</td><td>5.6</td><td>NOBIVAC DHPPI VET SX1DS+SX1DS DIL 201 - 1,N/A,N/A,24, Dose Not applicable 1 Animal (05/03/2018- 05/03/2018)-BR>-BR>NOBIVAC L4 10XLDS 552 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (05/03/2018-05/03/2018)-BR>-BR></td><td>A - Probable</td><td>close time association, two vaccines given at same time and reactions are known to both the products, no other plausible explanation</td></br<>	Pale mucous membrane,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Anaphylaxis	No Data	Suspected Adverse Reaction On 08 Mar 2018 a vet reports that a dog was vaccinated with Nobivac DMPR and Nobies (a not SM Arr 2018 The dog collaged 5-7 minutes after excitation. Very pale mucosal membranes. Vac treated with oxygen and dexamethasone and recovered. No further information expected (Reason for use for product. Generic: DMPPI LV Branch. NOBIVAC DMPPI VET SXID5-SXID5 DIQ TREASON: PolyPhylaxis (State of health: Good) NOBIVAC L4 10X1D5 552 Reason: Prophylaxis) (State of health: Good)	Chihuahua	5.6	NOBIVAC DHPPI VET SX1DS+SX1DS DIL 201 - 1,N/A,N/A,24, Dose Not applicable 1 Animal (05/03/2018- 05/03/2018)-BR>-BR>NOBIVAC L4 10XLDS 552 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (05/03/2018-05/03/2018)-BR>-BR>	A - Probable	close time association, two vaccines given at same time and reactions are known to both the products, no other plausible explanation
NOBIVAC L4	EE-SAM-VP-09160609	Estonia	Animal	Canine/dog	3.5 Month(s	08/06/2016	09/06/2016	1 1	08	R <	/es, <br R> >BR>BR>Yes, cBR> <</br 	Dullness,Bloody diarrhoea,Vormiting,Reddening of the skin,Facial oedema,Pallor,Cold feeling of extremity,Generalised red spot,Palpitation,Breathlessness	No Data	On 8 June 2016, 3.5 month old American halfests terrier was vaccinated with Noblace DHPP (second time, the previous piection was 24 days ago), Noblace La don Mobiace Rables, About 40 min after vaccination, the dog experienced dullness, breathlessness, cold extremities, mucous membrane pallor, papitations and rudoly spots on the skin. Desamethasone, 4 mg yC, was administered. After the hour, the skin was celler, retremities were warm, the dog was more alley, mucous membrane color recovering. After the hours, acute bloody distributes and acute vomitting occured as well red patches on the skin and facilia coledema. The arininal owner gase V2 Iz balte of 2 yrace (celtificine). After about hall an hour the dog started to recover and after the couple of hours behaved normally.	Not Applicable	e 4.5	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (08/06/2016- 08/06/2016-BNE-8BN-Nobivac L4 - 1,N/A,N/A ,10,N/A (08/06/2016- 08/06/2016-BNE-8BN-Nobivac Rabies - N/A,N/A/A,N/A,N/A (08/06/2016-08/06/2016)-BN>-BR>	B - Possible	According to the SFC acute transient hypersensitivity reaction (anaphylaxis) can occur sometimes.
NOBIVAC L4	ES-AGEMEDV-ADR-0432-2014	Spain	Animal	Canine/dog	5 Year(s)	06/06/2014	24/06/2014	1 1	0 06	> Y	Vot Known,
 > Yes, ><b R> >Yes</b </br 	Hypotension, Vomiting, Anaphylaxis	No Data	SAR: 30 minutes after vaccination the dog suffered hypotension and vomiting. The dog was treated (details unknown) and recovered the same day. No more information available. Follow up 23 in 2014 the dog was treated with adrenaline. No more information expected, Reason for use for product.Generic. DIPPI IL VB rank. NSBWICK DEPPI SIXIST 2023. Reason: ProphylaxisGenetic: LEPTO*4[CT_CAN,GRIPP_BRAT] KB. Brank. NOBIVAC L4 SOXLDS 544Reason: Unknown. Generic: Brand: Etades (Esteve-Rables inactivated vaccine). Reason: Unknown.][State of health: Good]	Pug I:	Not Known	ETADEX - 1,N/A,N/A, 1,D,N/A (106/106/2014- 05(06/2014)-05(06/2014)-05(06/2014)-05(06/2014)-05(06/06/2014)-06/06/2014)-06/06/2014)-06/06/2014)-06/06/2014)-06/06/2014-06/06/06/2014-06/06/06/2014-06/06/06/06/06/06/06/06/06/06/06/06/06/0		
NOBIVAC L4	ES-AGEMEDV-ADR-0547-2014	Spain	Animal	Canine/dog	5 Year(s)	27/05/2014	22/07/2014	1 3	L 0 29	/05/2014 Y	/es, <b R> Yes</b 	Injection site inflammation,Injection site pain,Disseminated intravascular coagulation,Death,Localised pain NOS (see other 'SOCS' for specific pain)	No Data	A les 24 horas de la administración, dolor local leve; a las 48 horas inflamación y dolor en el punto de inoculación. A las 72 horas, Hipoglucemia, Debilidad, Cuadro de CID y Muerte.	Bichon Frise	2.7	NOBI-VAC DHPPI - N/A,N/A,1 Years,N/A,N/A (27/05/2014- 27/05/2014) SUSPENSION INVECTABLE PARA PERROS (1 VIAL) - N/A,N/A,1 Years,N/A,N/A (27/05/2014- 27/05/2014-SRE>SRE>		
NOBIVAC L4	ES-KRIKAV-ES2017K17ISPO	Spain	Animal	Canine/dog	7 Year(s)	28/02/2018	12/03/2018	1 1	0 28	/02/2018 N K > Y	Not Known, <br< td=""><td>Inappropriate defectation, Convulsion, Abnormal movement NOS, Abnormal test result</td><td>No Data</td><td>Sispected adverse reaction:The vet reports that the dog was vaccinated on 28 Feb 2018 with Nobwac L4 and another vaccine from a different company (Eurican Peneum). Around of multises later, the opticity of inches and the properties of the product one tolated consulsive episode, with abnormal movements (pedaling), that lasted less than one minute. The dog didn't receive any retreatment, and fully recovered the same day. No analysis were performed afterwards. The dog had previously received the product, showing no reactions. Further information is repected. Follow up is pending Follow up 10 Mar 2018. The vet reposts that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better. In the dog is the state of the control of the document of the control of the con</td><td>Boxer)</td><td>Not Known</td><td>EURICAN PREUMO - 1.N/AN/A 2.AN/A (28/02/03)-688-688-0808-026/22/03/2039-688-088-00800-026 28/02/2039-688-088-00800-026 28/02/2039-688-088-088-088-088-088-088-088-088-088</td><td>B - Possible</td><td></td></br<>	Inappropriate defectation, Convulsion, Abnormal movement NOS, Abnormal test result	No Data	Sispected adverse reaction:The vet reports that the dog was vaccinated on 28 Feb 2018 with Nobwac L4 and another vaccine from a different company (Eurican Peneum). Around of multises later, the opticity of inches and the properties of the product one tolated consulsive episode, with abnormal movements (pedaling), that lasted less than one minute. The dog didn't receive any retreatment, and fully recovered the same day. No analysis were performed afterwards. The dog had previously received the product, showing no reactions. Further information is repected. Follow up is pending Follow up 10 Mar 2018. The vet reposts that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better, no more episodes have been observed. He exports that the dog is better. In the dog is the state of the control of the document of the control of the con	Boxer)	Not Known	EURICAN PREUMO - 1.N/AN/A 2.AN/A (28/02/03)-688-688-0808-026/22/03/2039-688-088-00800-026 28/02/2039-688-088-00800-026 28/02/2039-688-088-088-088-088-088-088-088-088-088	B - Possible	
NOBIVAC L4	ES-NLINTVINT-2014-ES-00235	Spain	Animal	Canine/dog	1 Year(s)	10/05/2014	13/05/2014	1 1	1 10	/05/2014 Y	/es, R×BR>Yes	Convulsion,Death by euthansais,Stuppr,Hind limb attaxis,Agathy,Abnormal test result	No Data	Superted adverse reaction: The vet reports that on 10 May 2014 the dog was vaccinated with Nobbac DHPFI and Nobbac LLA. A few hour after vaccination, the dog was diaplaying apathy, Next Adv, the dog was then to emergency she was also displaying consultions and at asks of hind limbs. Symptomatic treatment was administered. On 19 May 2014, the vet reports that the dog was still diaplaying the same symptoms and stoyed. Blood samples were collected to be analyzed. Toxoplasma and Neospora will be ruled out. A magnetic resonance will be performed. More information is expected follow up 31 an 2012. The dog was estudraised because it was very lift. We also talked with the neurobly specialist. The inagretic resonance showed menispencephalomyelists that could have to possible causes: infectious or immunemediated (predisposition of this breed-Meninggencephalomyelist of ushrown origin). CSF was analyzed underfactious agents were ruled out by VFC. Follow-up on ZFe 2018. VEORDA code "death by schainsas" has been added. [Reason for use for product: Generic EMPT I V Brank MOBINIZ EMPT IDXIDS 20 Reason: Prophylass Generic EMPT I V Brank MOBINIZ EMPT IDXIDS 20 Reason: Prophylass Generic EMPT I V Brank MOBINIZ EMPT IDXIDS 25 Reason: Involving [State of Text Involving Involvi	Pug 2 2	Not Known	NOBIVAC DHP91 - 1,N/A,N/A, 24,1 DOSE (10/05/2014- 10/05/2014-10/05/2014- 50.5/2014-10/05/2014-58R>- 6RROS - 1,N/A,N/A, 24,N/A (10/05/2014-10/05/2014)-58R>- 6RR>-		
NOBIVAC L4	ES-NLINTVINT-2014-ES-00345	Spain	Animal	Canine/dog	5 Year(s)	06/06/2014	06/06/2014	1 1	0 06	> Y	Not Known,
 >R Yes, >R R> Yes</br 	Hypotension,Vomiting	No Data	headth: Linkonwall MAKE: 30 minutes after vaccination the dog suffered hypotension and vomiting. The dog was treated (details unknown) and recovered the same day. No more information available. (Reason for use for producticement: DePTI U.S. reads. (MaNYCO EMPTI IDIALS). OR Reason: Profyliassicement: LEPTIC 4(LT,CAN,GRIPP BATA) Tot. Branch: NOBINYC. LL SOILIDS 544Reason: Unknown: Generic: Brand: Cluster (Extere-Rables Inactivated vaccine). Reason: Unknown. [State of health: Good]	Pug	Not Known	ETADEX - 1,N/A, N/A , 24,N/A (06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014- 06/06/2014-		

NOBIVAC L4	ES-NLINTVINT-2014-ES-00666	Spain	Animal	Canine/dog	2 Month(s)	07/10/2014	11/10/2014	1 1	0 08/10/2014	Yes, <b< th=""><th>Anaemia</th><th>No Data</th><th>SAR: The vet reports that on 7 Oct 2014, the dog was vaccinated with Nobivac DHP and Nobivac L4.</th><th>Crossbred</th><th>1.2</th><th>NOBIVAC DHP - 1,N/A,N/A ,24,1</th><th></th></b<>	Anaemia	No Data	SAR: The vet reports that on 7 Oct 2014, the dog was vaccinated with Nobivac DHP and Nobivac L4.	Crossbred	1.2	NOBIVAC DHP - 1,N/A,N/A ,24,1	
NORIVAC I.A.	ES-NLINTVINT-2014-ES-00693	Spain	Animal	Canine/dog	4 Year(s)	11/10/2014	26/10/2014	1 1	1 11/10/2014	R> Yes Yes. >BR	NOS,Leucopenia, Diarrhoea, Anorexi a, Apathy, rhypoproteina emia	Not	Next day, the dog was showing apathy, so was treated with anti-inflammatory drugs. The following day, the dog was do splaying dishnows, oil was hospitalised and treated symptomatically. Hemogram showed leukopenia, decreased proteins and slight anaemia. On 12 Oct 2014, disinforea beame lies severe, but was slighalying anonexis. On 15 Oct 2014, Boold and faces samples were collected to be analyzed; parovirus and intestinal parasites were ruled out. On 17 Oct 2014 the dog recovered. Not Hurter information is expected, [Reason for use for product, Generic: UPPLV Plantin, ONDBINAC LA SOXIDS 544 Reason: Prophylask Generic: LEPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBINAC LA SOXIDS 544 Reason: Unknown.) [State of health: Good).	Yorkshire		DOSE (07/10/2014 07/10/2014-BR-SBN-NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS (S VIALES) - 1,N/A,N/A 2,4/N/(07/10/2014)-BR> NOBIVAC DHPPI - 1,N/A,N/A 2,4,1 NOBIVAC DHPPI - 1,N/A,N/A 2,4,1	
										R> No	euthanasia, Hypothermia, Hypoglyca emia, Hypoproteinaemia, Fluid in abdomen NOSAbnormal ultrasound finding, Anaemia NOS, Hypotension, Bloody diarrhoea, Renal failure	Known	with Nobivac DHPPI and Nobivac 14. A few hours after vaccination, the dag was taken to the clinic since was displaying bloody disarchoes (lark color). The vet deministered antibitations. A few hours later, the dag was showing hypothermia (34 degrees) and hypotension. Analysis showed slight anemia, hypoglycemia, decreased proteins and renal failure. Ultrasound finding free fluid in the abdomen. Next day, the day was cultrainted. Nextopy was not performed. No further information is expected. [Reason for use for product. Generic: DHPPI LV Brand. NOBIVAC DHPPI 10X1DS 230 Reason: Pophylasis Generic: EEPTO*4[ICT.CAM,GRIPP.BRAT] KB Brand*. NOBIVAC L4 SOX1DS 544 Reason: Unknown.] [State of health. Good]	Terrier		Dose (11/10/2014- 11/10/2014-BRN-BR-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (5 VIALES) - 1,N/A.N/A 2,4/N/(11/10/2014- 11/10/2014)-BRN-BR>	
	ES-NUNTVINT-2014-ES-00730	Spain	Animal	Canine/dog		15/11/2014		1 1		NO, <b R> NO</b 	Lameness.Localised pain NOS (see other 'SOCs' for specific pain),Hind limb ataxia,Proprioception loss	Not Known	Suspected adverse reaction:The wet reports that on 15 Nov 2014, the dog was simultaneously vaccinated with Nobuco EMPPI and Nobuce L.A. an antihistannie was administered prior to vaccination, since the last year, the dog had reacted to Nobiva Rabla (reported as case 2018 ES 0073]), on 16 Nov 2013, the dog was showing taxias and proprioception loss at the hind limb, and cervical pain. Blood analysis were normal. The dog was treated with Urbason, dexamethasone and polaramine. In the afternoon, the dog also started to show immerses of left front limb. Noticil was added to the treatment. On 18 Nov 2014, the dog started to improve, but ataxia and proprioception loss have not disappeared yet. Avaisiting more information about the health status of the dog follow up 7 Jan 2015: We contacted the vet. he told us that the dog was completely recovered by 15 Dec 2014. (Reason for use for product. Generic: Other) Urbarna (NDBMC CHPH 1200152 20) Reasonic Prophylavis Generic: LEPTO*4(DTC_CAN_CRIPP_BRAT) (XB Brand: NDBNVAC L4 50X105 544 Reason Listowanul 1524 at that his Condition.	Maltese	Not Known	NOBINAC DHPPI - 1.N/A.N/A. 24.1 Dose [15/11/2014-RN-BIPN-OBINAC LS 15/11/2014-RR-6BP-NOBINAC LS SUSPENSION INVECTABLE PARA PERROS (S VALES) - 1.N/A.N/A 2.4/A/L [15/11/2014-LS-6BP-CBR-5]	
	ES-NLINTVINT-2014-ES-00744	Spain	Animal	Canine/dog	5 Month(s)	01/12/2014	02/12/2014	1 1		No, <b R> No</b 	Pinnal oedema, Wheal, Papule, Conjunctival oedema, Swollen face (see also 'Skin'), Swollen lip (see also 'Skin'), Hypersensitivity reaction	Not Known	SAR: The vet reports that on 1 Dec 2014, the dog was vaccinated with Noblava CHPPI and Noblava L1 mixed in the same symple, 2 hours after vaccination, the dog was showing woulden face and lips, conjunctival oedema, oedema of the pinnea, and papiles and wheals at the abdomen. The dog was treated with norticosteroids, and fo hour site had improved a 0.1 The dog recovered fully next day. No further information is expected. [Reason for use for product-Generic: DHPPI U. Brand: NOBINAC DHPPI INCIDES 2018, Beason: Pophylavisolemeric: EEPTO*4(ETC.CAM,GRIPP.BRAT) KIB. Brand: NOBINAC L4 SOXIDS 544Reason: Unknown.] [State of health: Good]	Maltese	Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (01/12/2014- 01/12/2014- 01/12/2014/BR~BR>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS (10 VIALES) - 1,N/A,N/A 24,N/A (01/12/2014- 01/12/2014/-BR~BR>	
	ES-NLINTVINT-2014-ES-00752	Spain	Animal	Canine/dog		09/12/2014	12/12/2014	1 1	0 09/12/2014	No, <b R> >BR>No</b 	Anaphylaxis, Erythema (for urticaria see Immune SOC),Papule, Hives (see also 'Skin'),Swollen face (see also 'Skin')	Not Known	SAR: The vet reports that on 9 Dec 2014, the dog was simultaneously vaccinated with Nobbac CHPFI and Nobbac LA. 10 7 abours after vaccination, the dog was browing lives at the forehead, swellen face, facial enythema and papules at the chest. The dog was treated with Urbason and 90 minutes later had improved a lot. At right, the dog had completely recovered. No further information is expected. [Reason for use for poduct-Generic: DIPPP IL Branch NOBIAC DEPPI 101015 230. Reason: Prophylassisceneric: LEPTO*4[ICT.CAM, GRIPP_BRAT] KB. Branck NOBIAVAC L4 30X1DS 544 Reason: Unknown [IState of health Good]	Chihuahua	5	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (09/12/2014-00) 09/12/2014-(BR-C-BR-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (5 VIALES) - 1,N/A,N/A 24,N/A (09/12/2014- 09/12/2014-BR-C-BR-	
	ES-NLINTVINT-2015-ES-00008	Spain	Animal	Canine/dog		16/12/2014	13/01/2015	1 1		R×BR>BR>No	Angioedema,Swollen face (see also 'Skin')	Not Known	Suspected adverse reaction: The wet reports that on 16 Dec. 2014, the dog was simultaneously accinated with Noison-CHPP91 and Noison-LE 0.0 13 Jan 2014, the owner called the vest saving that the dog had reacted to the vaccine 2 days after administration. The dog had to be taken to an emergency clinic, since was showing nigoedeem with swollen face. Unknown treatment. No further information is expected, Riesson for our for product: Ceener, CHPP1 U. Yalant NOBINIZO CHPP1 IOXIDS 20 Reason. Prophylasis Generic. LEPTO*QLICT_CAN_CRIPP_BRAT] XB Brand: NOBINIZC LA SIGNIDS 544 Reason. Visionom; ISTAR or health: Good!	Crossbred	Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (16/12/2014-1 61/12/2014-18R- BR-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (5 VIALES) - 1,N/A,N/A 24,N/A (16/12/2014-16/12/2014-18R-	
NOBIVAC L4	ES-NLINTVINT-2015-ES-00187	Spain	Animal	Canine/dog	7 Month(s)	11/12/2014	20/04/2015	1 1	0 15/04/2015	Yes, GRX-GRX-Yes	Abdominal pain, Lack of efficacy, Anoresia, Durrhoea, Intussus sception, Vomiting, Abnormal test result	No Data	Superted lick of expected efficacy: The vet reports that the dog was vaccinated with Nobbac Pupp- Do no 22 Oct 2014, with Nobbac DHP9 and Nobbac Leg to no 12 Nov 2014, and with Nobbac Pupp- Do no 22 Oct 2014, with Nobbac DHP9 and Nobbac Leg to 12 Nov 2014, and with Nobbac Pupp- Mobbac Lo n 11 De 2014. On 20 April 2015, the dog was taken to the clinic, since it was showing anoresia and abdominal pain. The vet suspected that there could be a foreign book, but X-Ray was normal. Next day, the dog was showing womiting and diarrhoea. Blood analysis were normal. Rapid test for Parvoivirus. The patient was sometimed to the part of Parvoivirus. The patient was notified and and feaces amples will be collected to analyse. Availing the results for parvoivirus. The patient was not sometimed to the part of the pa	Beagle	12.5	NOBINYC DHP - 1.N/AN/A, 241 Dope (11/12/2014-) 11/12/2014-BR->GB->MODIVAC L4 11/12/2014-BR->GB->MODIVAC L4 SUSPENSION INVECTABLE PARA PERROS (5 VMAES) - 1,N/A,N/A 2A/N/A (11/12/2014)-BR->-GBP->	
NOBIVAC L4	ES-NLINTVINT-2015-ES-00249	Spain	Animal	Canine/dog	9 Year(s)	01/05/2015	05/05/2015	1 1	0 02/05/2015	Yes, Yes	Palpebral oedema,Lip oedema (see also 'Skin'),Hives (see also 'Skin'),Anaphylactic-type reaction	No Data	Suspected adverse reaction: The set reports that on a May 2015 he waccinated the dog with Mobivac LHPPI and Nobivac LL On 2 May 2015 the dog was taken to the emergency clinic showing ip and eye oedema and hives all over the body. It was treated with controsteroids and recovered Note: the dog had previously reacted (same kind of reaction) to other vaccines of other companies (Reason for use for product: Genetic LMPPI LL VIERANT (DMRIVLC DMP) 1021053 20 Reason: Prophysics Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L45 50XLDS 544 Reason: Unknown.] [State of health: Candil	Other Canine/dog	Not Known	NOBIVAC DHPPI - 1,N/A,N/A ,24,1 Dose (01/05/2015- 01/05/2015-bBx>BR>NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (5 VIALES) - 1,N/A,N/A 24,N/A (01/05/2015- 01/05/2015-BR>-BR>	
	ES-NLINTVINT-2015-ES-00258	Spain	Animal	Canine/dog	Not Known	10/04/2015	07/05/2015	4 2	0 10/04/2015	NO, <b R> NO</b 	Facial oedema,Anaphylactic-type reaction	Not Known	Institutional Conference of the Conference of th	Chihuahua	Not Known	MICO/JOINERS-1,N/A,N/A,24,1 Dose 1 Animal (10/04/2015- 10/04/2015-8RR-8RR-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (S VIALES) - 1,N/A,N/A ,24,N/A (10/04/2015- 10/04/2015)<8R~BR>	
NOBIVAC L4	ES-NLINTVINT-2015-ES-00269	Spain	Animal	Canine/dog	3 Month(s)	30/03/2015	11/05/2015	1 1	0 06/05/2015	No, <b R> Yes</b 	Anaemia NOS_Leucopenia,Diarrhoea,Vomitin g,Anorexia,Lack of efficacy,Abnormal test result	No Data	Supersted list of expected efficacy/The vet reports that a Rotweller pau was vascinad with Nobivac DHPPI and Nobivac L4 as follows: -0.18 March 2015 (9 weeks lol) -0.10 Alward. 2015 (11 weeks lol). ELU since last vaccination should be at 12 weeks lol. 6 may 2015 the dog san topstituted. Blood and faces durinose. On 8 may 2015 the dog also obligated vomiting Fine dog was hospitated to diplay liquid durinose. 10 may 2015 the dog also obligated vomiting Fine dog was hospitate blood and faces samples were collected for analyses. On 11 may 2015 the dog was better but still showing anoresia and vomitting fless diamnose). It was dirinish water. On 12 may 2015 hemogram results showed severe lexcoperia and anaemia. On 13 may 2015 FCR results showed parvovins. The dog is getting better day by day. [Reason Green's Dept Pol March MolNIAC JUPP 10 MIDS 230 Reason: Polyphysis Generic. LEPTO*QITC.CAM.CRIPP.BRAT] KB Brand: NDBIVAC L4 50X1DS 544 Reason: Uninvanval. [State of health: Good]	Rottweiler	Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (3)0/3/2015- 30/03/2015- 30/03/2015- \$USPENDION INVECTABLE PARA PERGO (5 VAUAES) - 1,N/A,N/A 2,A/M/A (3)0/3/2015- 30/03/2015-BR> 	

Noncorr	TO ALL DATE OF THE CO.	Irani	Lauterel	Icerta 11	2.00	10/00/00	04/0-/			north	n Abronostana	Inc	Constant and the form and affirm of the decouple	Tout	Tara .	MODIFIED CONTROL	
NOBIVAC L4	ES-NLINTVINT-2015-ES-00375	Spain	Animal	Canine/dog	3 Month(s)	16/05/2015	04/06/2015	1 1	0 31/05,	R>-BR>-BR>-NO-BR->BR->BR->BR->NO-BR->NO-BR->NO-BR->NO-BR->NO-BR->BR->BR->BR->BR->BR->BR->BR->BR->BR-	o result_Dehydration_Lack of efficacy_Diarrhoea_Fever	Not	Suspected lack of expected efficacy: The dag was born on 25 Feb 2015. It was vaccinated as follows: On 18 April 2015 Nobbuse Pupp PQ FP weeks old-P) on 24 May 2015 Nobbuse DHPP and Nobbuse L4 [9] weeks old-P) on 24 May 2015 Nobbuse DHPP and Nobbuse L4 [9] weeks old-P) on 24 May 2015 Hebog started to display districted objective properties of the started objective properties of properties of the started objective properties o	Other Canine/dog	Not Known	NOBINAC DHPP1-1.N/A,N/a,2,1 Dose (£(50%),2015-08-N-08INAC L4 SUSPENSION INVECTABLE PARA PERROS (S VMALES)-1.N/A,N/a 2,4/N/A (£60%),2015-08-08-N-08IN-08-N-08-N-08-N-08-N-08-N-0	
		spain	Animal	Canine/dog	5 Month(s)	04/05/2015		1 1		R> Y	es of efficacy,Abnormal test result,Abnormal necropsy finding	No Data	March 2015: NOBINAC PUPP (PP - 17 April 2015: NOBINAC L4 + NOBINAC DHPP- 4 May 2015: NOBINAC L4 + NOBINAC DHPP (reg to DEI JAMP) no 2019 / 2015; the dog started to show profuse durrhea. Many tests were run where severe leukopenia was diagnosed and a symptomatic treatment was established (even plasm transfusion). The moming of 21 July 2015, the dog had ded. Necropay and CPC results were positive to Parovivins infection. Glands, Chryosoporidium, Salmonella, Coronavivas and Distemper were ruled out. Serology showed protective levels of ligit against Parovivins. Tarin sequencing by pending Follow-up? Juagus 2015: Sequencing results showed that the dog died from a CPV-2 bin fection. No further information is expected. (Reason for use for product: Generic: DHPPI LV Branch NOBINAC DHPPI (1015) 230 Reason: Prophylasis Generic: EPTP "GICT, CAN, GRIPP, BRAT] KB Brand: NOBINAC L4 SOXIDS 544 Resson: Unknown.) [State of health: Good]	Crossbred	4	Dose (DA/05/2015- 04/05/2015-BBN-OBIVAC L4 SUSPENSION INYECTABLE PARA PERNOS (SO VIALES) - 1,1/A,N/A 24,4/A (04/06/2015- 04/05/2015/bBR> 	
NOBIVAC L4		Spain	Animal	Canine/dog	6 Month(s)	07/05/2015	31/08/2015	1 1	0 24/08,	(2015 Yes, < R> Yı		No Data	Suspected Lack of Expected Efficacy, The vet reports that the puppy was succinated as follows: 9 Apr 2015: Nobbace DRPP - Nobbace L4-2 3 and 2015: Nobbace CRPP - Nobbace DRPP - Nobbace L40n 24 August 2015, the dog started to show diarrhea with mucus, vomits, hematochesia and anoresia. A testiment of artibiotics, portion pump inhibitors, fluid therapy and an antiemetic was established. On 28 August 2015, the dog started to recover but was still vomiting. On 31 August 2015, the dog was almost recovered but still and some vomits. Blood and feets samples were collected and the results are being expected Follow-up 2 September 2015: PCK results were positive to CPV. Gardia, Cryptospordium, Simonella, Clostidium, Coronavirus and Destemper verser under U.Sequercing is pending Follow-up 1.2 September 2015: Sequercing results showed CPV. 2s infection. Bio Original September 2015 CR Sequercing results for the CR Sequercing of the CR Sequercing CR Sequercing CR Sequercing CR Sequercing PCR Sequercing CR Sequerci	il Other Canine/dog	Not Known	NOBINAC DHPP1 - 3,NA,NA/A, 2,1 Dose (07/05/2015) 07/05/2015)-6RH-SBN-NOBINAC L4 SUSPENSION INVECTABLE PARA PERROS (5 VIALES) - 1,N/A,N/A 2,8,N/A (07/05/2015- 07/05/2015)-6BN-6BR>	
	ESP-MERCKMSD-2016-ES-00048	Spain	Animal	Canine/dog	11 Month(s)	29/04/2015	22/01/2016	1 1		(2016 Yes, R>6BR> Y <br< br<="" td=""><td>55, 54</td><td>No Data</td><td>Suspected lick of expected efficacy: The dog was vaccinated on 29 Apr 2015 with Nobixa CHP, Nobixa CL and Nobixa C</td><td>Miniature Pinscher</td><td>4.6</td><td>NOBIVAC DHP - 1.NI/AN/A, 24,1 Dsos (29/04/2015-) PSOS (29/04/2015-) P</td><td></td></br<>	55, 54	No Data	Suspected lick of expected efficacy: The dog was vaccinated on 29 Apr 2015 with Nobixa CHP, Nobixa CL and Nobixa C	Miniature Pinscher	4.6	NOBIVAC DHP - 1.NI/AN/A, 24,1 Dsos (29/04/2015-) PSOS (29/04/2015-) P	
NOBIVAC L4	ESP-MERCKMSD-2016-ES-00207	Spain	Animal	Canine/dog	3 Month(s)	29/03/2016	01/04/2016	1 1	1 29/03,	(2016 Yes, >BR> R> Y		No Data e	Suspected adverse reaction: The set reports that on 29 March 2016, the dog was vaccinated with Nobbac DHPH and Nobbac 4.13 Diminist after vaccination, the dog was taken to emergencies displaying fainting and asphysics. The patient was also showing pale mucous membranes, hypotension, reprietorly distress and actue pulmonary ordems. Anaphysics chock was disposed. The dog was treated with Methylpredinisolone, adrenaline, oxygen, dopamine, furosemide and Mannitol. The patients also showed cerebral ordems also mad finally died by hours after the succine administration. No further information is expected. [Reason for use for product: Generic: DHPP I LVB rand: NOBINAC DHPPI INDIXES 2018 Reason: Vaccination Generic: LETPO** 44(TC,TAN,GRIPP,BRAT) KB Brand: NOBINAC L4 SOXIDS 544 Reason: Vaccination] [State of health: Good]	Border Collie	Not Known	NOBINAC DHPPI - 1,N/A,N/A, 24,1 Dose (29/03/2016- 29/03/2016-BR->RR>NOBINAC L4 SUSPENSION INVECTABLE PARA PERROS (S VALES) - 1,N/A,N/A 24,N/A (29/03/2016- 29/03/2016)-BR> 	
NOBIVAC L4	ESP-MERCKMSD-2016-ES-00324	Spain	Animal	Canine/dog	5 Year(s)	29/04/2016	29/04/2016	1 1	0 29/04	2016 No, R> Y		No Data	Supercited alverse reaction: The set reports that on 29 April 2015 the dog was vaccinated with Nobiou DMPP and Nobbox (L finded in the same pringe). I minute after vaccination, the dog was showing severe hypotension, brady-cardia, pale mucous membranes, weak public and hypothermia. The dog was taken home. 40 minutes late, the dog returned showing angioedemia (a face, ears, eyes and valvar area), enthema and genealised prunties, Intravenous methyprodrephyrodisolone and agastir portector were administered. The dog recovered that day, No more information is expected. [Reason for one for product: Genecic DMPP IV J March MONIVC LEMPS LIXIOS 2023 Reason: Vaccination Generic: LEPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 SOXLOS 544 Reason: Vaccination) [State of health; Cond.]	c Chihuahua	2.9	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (2)/04/2016- 29/04/2016/bR>-BR>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS (5 VALES) - 1,N/A,N/A 24,N/A (29/04/2016- 29/04/2016)-BR> 	
	ESP-MERCONSO-2016-ES-00800	Spain	Animal		4 Month(s)	26/05/2016	15/07/2016	1 1		Yes, 	s, euthansia Vomiting, Naemorrhagie ce diarrheae, Pohyration, Lack of efficacy, Fever	No Data	Supperted Lack of Expected Efficacy for Pervioving. The vest reports that the dog born on 27 February 2016 was varicated as follows: 11 Jan (2016. 1 dos no Nobios c Pupy I 7 weeks 0,0), 25 April 2016. 1 dos no Nobios c Pupy I 7 weeks 0,0), 26 April 2016. 1 dos no Nobios c DIPPI and 1 dose Nobios c LIPPI and 2 dose Nobios c LIPPI and 1 dose Nobios c LIPPI	Labrador Retriever	Not Known	NOBINAC DHPM - I,N/A,1 MONTE,34,1 Does I Morths 1 Animal [26/05/2016- 26/05/2016-88-RN-BNOBINAC L4 SUSPENSION INVECTABLE PARA PERGO SS VAILES - 1,N/A,1 MONTE,34,N/A [26/05/2016- 26/05/2016-88-RN-BNOBINAC PUPPY DP - 1,N/A,N/A, 24,N/A (11/04/2016-11/04/2016)*8R>~8R>	
NOBIVAC L4	ESP-MERCKMSD-2016-ES-00910	Spain	Animal	Canine/dog	Not Known	08/07/2016	12/08/2016	1 1	0 10/07,		·B Anorexia,Fever,Apathy is, <	No Data	Suppercial Adverse Reaction: The vet reports that on \$1.0/y 2015 the dog was vaccinated in another ve clinic by other vet with Nobiaca Rabia (2 does because of a vets' error), Nobiaca DHPP (1 does) and Nobiaca (14 does). 2 days later the dog showed anorexia, apathy and Fever (40°FC). The dog was taken to the first vet clinic and the dog was hospitalised with fluidtherapy and treatment (we do not know more details about 1). The dog was recovered 4 days liker: The owner took the dog to the second clinic (where the vet works that reported us this case) to ask a second opinion about the incident. No more information is expected. (Reason for use for product. Generic, RaBLS IN AU. ADJUVANT NO Branch NOBIVIC ARBIA DIXIDS 230 Reason: Vaccination Generic: DHPP I.V Brand: NOBIVAC DHPI DIADS 230 Reason: Vaccination Generic: EPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC LP4 SOXLDS 544 Reason: Vaccination] [State of health: Good]	t Yorkshire Terrier	Not Known	NOBINAC DHPPI - 1,N/A,N/A, 24,N/A (08/07/2016)-BR->BR>NOBINAC L4 SUSPENSION INVECTABLE PARA PERROS (1 VAID) - 1,N/A,N/A, 24,N/A (08/07/2016)-BR>-BR>NOBINAC (RABIA - 2,N/A,N/A, 24, 2 Dose 1 Animal (08/07/2016- (08/07/2016)-BR>-BR>NOBINAC (RABIA - 2,N/A,N/A, 24, 2 Dose 1 Animal (08/07/2016- (08/07/2016)-BR>-SR>	

NOBIVAC L4	ESP-MERCKMSD-2016-ES-00958	Spain	Animal	Canine/dog	2 Month(s)	01/09/2016	05/09/2016	1 1	1 0	01/09/2016		Circulatory shock,Staggering,Death,Abnormal necropsy finding	Not Known	Supected Adverse Reaction: The vet reports that on 1 Sept 2016 the dog was vaccinated with Nobivac DHP and Nobivac L4 at 13:15 hours. That same day at night the dog displayed staggering and few minutes later the dog ded. The vet made an encopsy and district find anything abnormal. Anyway organ- wer sent for analysis. Awaiting the outcome follow up 13 Sept 2016: Hystopathology Report showed the dog ded Research of a Circulatory Dollock to more information is expected. Research for use for LEPTO* 4[CT,CAV,GRIPP,PRAT] bit Beard: CIGNVAC L4 SOIGHS 500 Research Veteriation General: LEPTO* 4[CT,CAV,GRIPP,PRAT] bit Beard: CIGNVAC L4 SOIGHS 544 Research Veteriation Global Publish: Gpord.	German Pinscher	Not Known	NOBIVAC DHP - 1.N/A.N/A,24,1 Dose (01/09/2016- 01/09/2016)-BR>-VBR>-NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS (S WALES) - 1.N/A.N/A 2.A/N/ 01/09/2016- 01/09/2016)-BR> -	
	ESP-MERCKMSD-2016-ES-01010	Spain	Animal		1 Year(s)	22/09/2016	22/09/2016	1 1			R> Yes		No Data	Sispected Adverse Reaction:The wet reports that on 22 Sept 2016 the dog was vaccinated with Noblava CHPPI and Nobivac L4 simultaneously (same syringe), 20-30 minutes after vaccination the dog showed urticani. The dog was treated with corticosteroids and recovered the same day. No more information is expected. [Reason for use for product. Generic. DHPPI LV Branch NOBIVAC DHPPI 100105 230 Reson: Vaccination Generic. LEPTO*4[ICT.CANGIPP.BRAT] KB Branch NOBIVAC L4 5001105 544 Reason: Vaccination] (State of health: Good)	Maltese	Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose (21/09/2016- 22/09/2016/B-BR-SBR-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS (S WALES) - 1,N/A,N/A 24,N/A (22/09/2016- 22/09/2016-BRD-SBR>	
	ESP-MERCKMSD-2016-ES-01048	Spain	Animal			01/08/2016		1 1			No, ≺BR>≺B R>≺BR>KNO	Abdominal apain(.terus,Anorexia,Lethargy (see also Central nervous system depression in "Neurologica"],Weight loss,Elevated liver enxymes,Elevated total bilirubin	Not Known	Sispected Adverse Reaction: The vet reports that on 11 July 2016 the day was primovaccinated with Nobback DIPPP A policies (4) file days at 21 veeks-old). On 14 August 2016 the day was reveniented with Nobback DIPPP A policies (4) file days as 15 weeks-old) (0) as 5 sept 2016 the day was 18 but the owner took it to the vet clinic on 12 Sept 2016. The days showed items, annexis, letheray, severe weight loss and abdominal pain. The vet made a blood test and the result showed here enzymes levels elevation (278 Sc) but (1,2 -174), place 1501. (1) Sc 1561, to 1618 allibush level elevations 3.8 mg/d(1,0) - 10,6.) The remaining was normal, the day was hostpatised with fluidotherapy (55° 100nL-45erovet 32° mlyn), during 11), fluidition 16. File primaria 0.8m; and 14 epist 500 (1) (12 stable to 42° 20° days), on 31 sept 2016 the days clientated fix feet only is it was released and prescribed gastroenteric lives of the second of the sec	English Setter	Not Known	NOBINAC DHPP: -1.NI/A.N/A, 24.1 Out-1 Animal (10/87/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016- 01/08/2016-	
	ESP-MERCIONSD-2016-ES-01053	Spain	Animal	Canine/dog		16/09/2016		3 3				Gall bladder Infilmamation, Pepastitis, Jaundice, Luf, nany retention, Death by euthmassil, nappeter, Acktes, Chr onic renal failure, hypoalbuminaemia, Elevated liver enzymes, Liver disorder NOS, Elevated creatine, Abnormal ultrasound finding, NT - dronoic (floroncho) pneumonia/pleuropneum onia	Not Known	Siapected Adverse Reaction-The wet reports that on 16 Sept 2016 the dog was succinated with Noblovac LPAP and Advorse. A Reaction The wet reports that in 16 Sept 2016 the dog was tracture the displayed plaundice in eyes, mucosea and skin. The vest also resports that the dog was not getting fix although lew was eating well. A blood analysis was ruled showing liver disease. The dog was hospitalized for 24 blows so as it could be treated and stabilized. The treatment consisted on fluidotherapy, Amosicillio with clauvidanic adol and pato 1500 plus. On 11 Oct 2016 the vet reports that the dog was hospitalized apain because he was not improving, he didn't want to eat and had ascites. An abdominal ultrasound was ruled showing a workle pathibade or a purture was other. A sample of galitization and such services and the same of the continued hospitalized reliquid was traken for culture. On 11 Oct 2016 an ew blood analysis was ruled showing albumin low levels so the dog was treated with Abutenia 20%. On 13 Oct 2016 the dog continued hospitalized, didn't want to eat, didn't unites so a unimary catheter was set 2. Ilters of abdominal pure liquid was taken through purture. A new Bood sample was taken to Since 10 play 2016 and with Nobleur Eupor Pon 21 July 2016. No problems were observed in this two last vaccinations, only on 16 Sept one. Pon 21 July 2016 is now this Nobleur Eupor Pon 21 July 2016. No problems were observed in this two last vaccinations, only on 16 Sept one. at all. On 15 Cot 2016 the dog was taken through the Nobleur Eupor Pon 21 July 2016. No problems were observed in this two last vaccinations, only on 16 Sept one. at all. On 15 Cot 2016 the dog was taken how and at the moment has tolerating look office. The vet reports that the dog's general status is getting letter although blood analysis levels are not improving at all. On 15 Cot 2016 for how men and at the moment he is tolerating lood. In a few days at all on 15 Cot 2016 for how the advorse the power of the reported tout that the body did not have ho	Mastiff	Not Known	NOBINAC DHPP - 1 N/N/N/A 241 Dose 1 Animal (15/07/2016- 15/09/2016)-BR>-GR-NOBINAC L4 SUSPENSION INTECTABLE PARA PERROL SC VIALES - 1.11/A/N/A 24.N/A (15/07/2016)-EB-SR>-BR>	
	ESP-MERCKMSD-2016-ES-01091	Spain	Animal		Not Known	01/01/2016	25/10/2016	2 2		01/01/2016	Known,
 Not Known,
 Not Known</br </br 	Hypotension, Vomilting, Anaphylactic type reaction	Not Known	Suspected Adverse Reaction: The vet reports that in 2016 (approx) 6 dags were vaccinated with Noblobac DHPR). Noblack Land Noblobac Rablas. Wed not not how more details about if the product were mixed in same syringe or were administrated individually. In all the cases, 5 minutes post daministration, dogs showed vomiting and hypotension. They were hospitalized with fluidstherapy and they were recovered completely after that. We are awaiting more details about the dogs. Follow up 7 Nov. 2016: the vet sent more information about 4 of the 6 dags affected. We created a case for each dog, and this case (2016 ES 1019) 1 styred for the 2 unidentified dogs. This case are linked with cases: 2016 ES 10112, 2016 ES 10112, 2016 ES 10112, Reason for use for product: Generic: CHPPI LY Brand: NOBINAC DHPPI 100.105 230 Reason: Vaccination Generic: EREPTI 44(ET.CAR, MPR) BRATI XIB Brand: NOBINAC LY SONG 254 Reason: Vaccination Generic: RABILS IN ALU ADULVANT KY Brand: NOBINAC RABIA 10X1DS 230 Resson: Vaccination [State of health: Coold!	Other Canine/dog	Known	NOBINAC DHPP: -1N/A,N/A, 241 Dose 1 Animal (10/17/2016- 25/10/2016-) BR-NOBINAC L4 SUSPENSION INTECTABLE PARA PERROS (5 VIALES) - 1.N/A,N/A 24.N/A (0/10/10/106-) 0/10/2016-) BR-NOBINAC RABIAL -1.N/A,N/A, 24.N/A (0/10/12016-) BR-NOBINAC RABIAL -1.N/A,N/A, 24.N/A (0/10/12016-01/01/2016)-BR-SBR-NOBINAC	
NOBIVAC L4	ESP-MERCKMSD-2016-ES-01126	Spain	Animal	Canine/dog	4 Year(s)	21/07/2016	07/11/2016	1 1	0 2	21/07/2016	Not Known, Not Known, >BR XBR> Not Known, <br< td=""><td>Wheal Anaphylactic - type reaction, Allergic pruritus</td><td>Not Known</td><td>Suspected Adverse Reaction: The vet reports that on 21 July 2016 the day was vaccinated with Noblobac DHPP, Noblack L Jan Noblobac Rabla. Wed no not how more details about if the products were mixed in same syringe or were administrated individually. 5 minutes post administration, the day showed wheals in the face and severan portunist. It was hospitalised with fluidotherapy and Urbasion and it was recovered completely after 4 hours. No more information is expected. This case is linked with cases: 2016 E 50091, 2016 E 501127, 2016 E 501127, 2016 S 501127 [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC DHPPI IDXIDS 230 Reason: Vaccination Generic: PERTO*4 (ETC. AMG PROBRAT) RIS Brand: NOBINAC S 4000 S 44 Reason: Vaccination Generic: RABIES IN AUL JADULYANT KV Brand: NOBINAC S 4001 E 2018 REASON: Vaccination Generic:</td><td>Miniature Pinscher</td><td></td><td>NOBINICA DHPP: -1N/A,N/A, 24,1 DOSE 1 Animal (12/07/2016- 21/07/2016-)BN-OBBN-OBBNAC L4 SUSPENSION INTECTABLE PARA PERROL SS (SMAES) - 1.N/A,N/A 24.N/A (21/07/2016-)BN-OBBNAC BRIAN -1.N/A,N/A, 24.N/A (21/07/2016-21/07/2016)-BRN-OBBNAC RABIAL-1.N/A,N/A, 24.N/A</td><td></td></br<>	Wheal Anaphylactic - type reaction, Allergic pruritus	Not Known	Suspected Adverse Reaction: The vet reports that on 21 July 2016 the day was vaccinated with Noblobac DHPP, Noblack L Jan Noblobac Rabla. Wed no not how more details about if the products were mixed in same syringe or were administrated individually. 5 minutes post administration, the day showed wheals in the face and severan portunist. It was hospitalised with fluidotherapy and Urbasion and it was recovered completely after 4 hours. No more information is expected. This case is linked with cases: 2016 E 50091, 2016 E 501127, 2016 E 501127, 2016 S 501127 [Reason for use for product: Generic: DHPPI LV Brand: NOBINAC DHPPI IDXIDS 230 Reason: Vaccination Generic: PERTO*4 (ETC. AMG PROBRAT) RIS Brand: NOBINAC S 4000 S 44 Reason: Vaccination Generic: RABIES IN AUL JADULYANT KV Brand: NOBINAC S 4001 E 2018 REASON: Vaccination Generic:	Miniature Pinscher		NOBINICA DHPP: -1N/A,N/A, 24,1 DOSE 1 Animal (12/07/2016- 21/07/2016-)BN-OBBN-OBBNAC L4 SUSPENSION INTECTABLE PARA PERROL SS (SMAES) - 1.N/A,N/A 24.N/A (21/07/2016-)BN-OBBNAC BRIAN -1.N/A,N/A, 24.N/A (21/07/2016-21/07/2016)-BRN-OBBNAC RABIAL-1.N/A,N/A, 24.N/A	
NOBIVAC L4	ESP-MERCKMSD-2016-ES-01128	Spain	Animal	Canine/dog	4 Year(s)	05/10/2016	07/11/2016	1 1	o c	05/10/2016	Not Known,
 Not Known,
 Not Known</br </br 	Anaphylactic-type reaction, Vomiting	Not Known	Sequenced Adverse Reactions The vet reports that on 5 Oct 2016 the dog was vaccinated with Notive: DIPPR, Noblavic Ld and Noblave Rabia. We do not know more relatal sabout if the product were mused in same syringe or were administrated individually. Smitustes post administration, the dog showed vomiting. It was hospitalised with fullicotherapy, desametasion, emargipant and rantifiers and it was recovered completely after 7 hours. No more information is expected. This case is linked with cases: 2016 ES 2019(3), 2016 ES 101126, 2016 ES 10127, 2016 ES 101129, Reason for use for product. Generic: DIPPR LY Brand: NOBINAC DIPPR 100.105 230 Reason: Vaccination Generic: RABIES IN AUX JORIU/ANT KV Brand: NOBINAC IS 5000 SAR Reason: Vaccination of Generic: RABIES IN AUX JORIU/ANT KV Brand: NOBINAC IS 5000 SAR Reason: Vaccination of Series.	Miniature Poodle	3.5	NOBWAC DHPP: 1,N/A,N/A, 241 DODE 1 Animal (05/10/2016- 05/10/2016-	

NOBIVAC L4	ESP-MERCKMSD-2016-ES-01129	Spain	Animal	Canine/dog	3 Year(s)	24/10/2016	07/11/2016	1 1	0 24/10/201		Shock,Bloody	Not	Suspected Adverse Reaction: The vet reports that on 24 Oct 2016 the dog was vaccinated with Nobiva	c Yorkshire	2	NOBIVAC DHPPI - 1,N/A,N/A ,24,1
										Known, <r> <r> <br< br=""> <</br<></r></r>	reaction, Vorniting	Known	DIPPI, Nobbac L4 and Nobbac Rabia. We do not know more details about if the product were mixed in same syringe or never administrated individually. 5 miles to post administration, the dog showed vomitting, bloody distriboes and shock. It was hospitalized with fluidotherapy, desamethasion, manoplant, Angolini, vegatarill and prosenter. It was recovered completely after 7 days. No more information is expected. This case is linked with cases: 2016 S 10193, 2016 S 101126, 2016 S 101127, 2016 S 101126, 2016 S 101126	Terrier		Dose 1. Animal (24/10/2016-24/10/2016-24/10/2016-88-26-NORIVAC L4 SUSPENSION INVECTABLE PABA PERROS IS VAILES-1, NJANA/A 2.8.N/A 24/10/2016-24/
	ESP-MERCKMSD-2017-ES-00001	Spain	Animal		11 Week(s)			1 1		.6 Yes,-BR>-GR>-F R>-GR>-Yes	necrosis.Application site oedema.Injection site abscess.Injection site abscess.Injection site pain.Anoresis.Perv.Apathyl.ccalis ed oedema (not application site)	No Data	Suspected Adverse Reaction: The vet reports that the puppy was from a breeder's house and it was vaccinated there previously (unknown more details). It was sowned after that (unknown details), 10 30 Dec 2016 it was vaccinated with Nobivac DHPP) and Nobivac L4 (mixed in same syringe), the injection point was intereacqual rares 0 31 Dec 2016 for owners called to the bet because it showed pain in injection site, apathy and it showed fewer (§3 ArC). The owners called to the test again. The fever had disappeared (§8PC) but pain still was present. The dog showed anorexia as well. The owners did not want to take the dog to the vet clinic. It was not treated. Only, the dog was taken to the vet. It showed apathy, anorexis, severe pain in injection site and an injection site aboses with resonaguinous weadst and filbrin. It also showed 3 necrosis points near the backess and subcutaneous cedema in chest area and in left upper limb. A blood test was practically ox (lony) mid elacycrosis, It was hospitalized and treated with fluidotherapy and antibiotics intravenous. The affected subcutaneous area was washed with physiological serum and antiseptics. On 2 Jan 2017 at naffet two stakes home with antibiotics or can. On 3 Jannary 2017 It was improving, awaiting the outcome. Fu pl 11 ain 2017: The vet reports that the dog was improving and it was still in treatment with amoscilline-civalnic each 12 box on cally and an olitherine. No more information is expected. (Reason for use for product: Generic: DHPPI I. V Branch NOBINAC DHPPI IDXIDS 230 Reason: Primovaccination [State of health: Good]	Other Canine/dog	Not Known	NOBBINAC DHPP: -1,N/AN/A_34,1 Dose 1. Animal (2017/27)016- 30/12/2016-BN-08BN-08BN-00BN/AC 4 SUSPENSION INTECTABLE PARA PERBOG SG UNALES) -1,N/A,N/A 2,A/A/A (3017/2016- 30/12/2016)-BR>-8BR-
	ESP-MERCKM/SD-2017-ES-00098	Spain	Animal	Canine/dog	2 Year(s)	02/02/2017	07/02/2017	1 1		> Not Known,
 >BR Not Known</br 	membrane.hypotension.Anaphylact.et c: shock_tethany(see also Central nervous system depression in "Neurological"),Vomiting	No Data t	Sospected Aleyerse Reaction: The vet reports that on 2 Feb 2017 the day was vaccinated with Nobious Rabia, Nobious CR Pan Aloxbious L. The same day the vet administrated profined F-13 bg (12 Tabled) and Porfender 1-3 bg (12 Tabled). This same days the vet administrated profined F-13 bg (12 Tabled) and Porfender 1-3 bg (11 tabled). The translation of the proposition of the	Crossbred t) y		NOBINAC DIPP - IN/AN/A 241 DODE A Animal (10/20/2017 - 20/20/2017)-BBGB-RHOGINAC L4 SUSPENSION INVESTIGATE PARA PERROS S VALES - 1.1/A/AN/A 2.4/A/A (20/20/2017 - 20/20/2017)-BBGB-RHOGINAC RABIA - 1.1/A/AN/A AZAI/A 10/20/2017 - 20/20/2017-BBGB-RHOFENDER 15 mg/3 mg COMPRIMIDOS DE URBEACION MODIFICADA PARA PERROS FEULBÁS - 1.1/A/AN/A 2.4/A/A (20/20/2017 - 20/20/2017-BBGB-RHOFENDER 10 mg/3 mg COMPRIMIDOS DE URBEACION MODIFICADA PARA PERROS MEDIADAS - 1.1/AN/A 2.4/A/A (20/20/2017 - 20/20/2017-BBGB-RHOFENDER 10 mg/3 mg COMPRIMIDOS DE URBEACION MODIFICADA PARA PERROS MEDIADAS - 5.N/AA/A/A 2.4/A/A (20/20/2017 - 2.0/20/2017-BBGB-RHOFENDER 10 mg/3 mg COMPRIMIDOS DE URBEACION MODIFICADA PARA PERROS MEDIADAS - 5.N/AA/A/A 2.4/A/A (20/20/2017 - 2.0/20/2017-BBGB-RHOFENDER 10 mg/3 mg COMPRIMIDOS DE 10 mg/3 mg COMPRIMIDOS DE 10 mg/3 mg COMPRIMIDOS DE 10 mg/3 mg/3 mg/3 mg/3 mg/3 mg/3 mg/3 mg/3
	ESP-MERCKMSD-2017-ES-00128	Spain	Animal		3 - 4 Year(s)		14/02/2017	1 1		R×BR>Yes KBR> BR> Yes	Anaphylaxis, Hypotension	No Data	Suspected Adverse Reaction: The vet reports that on 13 Feb 2017 the dog was vaccinated with Nobiva DIPPRI and Nobiva. Cli fu one syringle 3 and Nobiva. Rabia for other siryngel. It was not the first time. Invalid the stress of the size of the s			NOBBIACA CHPPR - 1,N/A.N/A, 24,1 Obose 1. Animal (1,207/2017) - 13/02/2017/188-c88-NOBBIACA (1,407/2017) - 13/0
	ESP-MERCKMSD-2017-ES-00157	Spain	Animal	Canine/dog		16/02/2017	17/02/2017	1 1		R×BR>Yes KBR>KBR> BR>KBR>Yes	Anaphylaxis, Eyelid oedema, Wheal, Angloedema		Suspected Adverse Reaction: The vet reports that on 16 Feb 2017 (a 117-30h) the dog was succinated with holibux Lel Inco syringely, Nobbus Rabia (nanother syringel) and hobbus Cx. 3 hours later the dog showed angloedema, eyeld oedema and wheals. The vet administrated mellipredisciolore 30mg intravenous and 30 minutes later administrated 10 mg intravmous Land 20 mg/L200h) the dog showed swollen pens that was resolved in one hour without more treatment. On 17 Feb 2017, the dog was recovered but her vet administrated Urbason 20mg intravenous and 1mg/lg/24h orally for 3 days more. No more information is expected. This case is linked to case 2017 50 5018 different 00gs, same vet, different products.] Reason for use for product: Generic: LEPTO*4[CT_CAM_GRIPP_BRAT) kB Brandt. NOBIVAC L4 SXXIDS 544 Reason: Vaccination Generic. RABIES IN ALL JAUVANT NS Planct. NOBIVAC ADMINIA 2015 230 Reason: Vaccination Generic. BRAEST NALL JAUVANT NS Planct. NOBIVAC KC IXIDS+0ILUENT 230 Reason: Vaccination Generic. BBCANINE / PLBI/N Plandt. NOBIVAC KC IXIDS+0ILUENT 230 Reason:	26 m		NOBRIVAK KC. 1.1/N.A/N. 2.3/N. B - Possible [[6](02/2017-16](02/2017)-88-089-NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS [50 VIALES] - 1.3/N.A/N.A 2.4.1 Dose 1.4 nainal [16](02/2017- 16](02/2017)-88-089-NOBIVAC RABBAL- 1.1/N.A/N.A. 2.4/N.A [16](02/2017-16/02/2017)-8R-089-NOBIVAC RABBAL- 1.1/N.A/N.A. 2.4/N.A
	ESP-MERCKMSD-2017-ES-00158	Spain	Animal	Canine/dog	3 Month(s)	14/02/2017	17/02/2017	1 1	0 14/02/201	R×BR×BR>Yes	a Angioedema,Anaphylaxis	No Data	Suspected Adverse Reaction: The vet reports that on 14 Feb 2017 the pup was vaccinated with Nobiva L4 and Nobivac DHP (indeed In one yringe). 3 hours later (pappond L4 pus pa howed angloedems. The vet administrated methylpredinsolone Impliga Intramuscular and It was completely recovered the same day. No more information is expected. This case is linked to case 2017: SOIST) because they an different dogs, same vet, different products. [Reason for use for product: Generic: LEPTO-4 (IFC, CAM, GENER) PAST) IS BRONK NOBIVAC L4 SOISTO-54 HERSIDE. PRIVING VALIDATION OF A SOISTON OF A S	c Chihuahua e	01-Jan	NOBINIZA CHIPP: 1,1/I/A/N/A 2,4/I/A B - Possible [1,4/02/2017] - 14/02/2017-1887-0887-NOBINIZA L4 SSSPENSION INTECTABLE PARA PERROS (50 VIALES) - 1,N/I/A/N/A 2,4.1 Dose 1 / 1,0/i/a 1,4/02/2017-14/02/2017 -887-0887-
NOBIVAC L4	ESP-MERCKMSD-2017-ES-00207	Spain	Animal	Canine/dog	2 Year(s)	24/02/2017	01/03/2017	1 1	0 24/02/20:	.7 Yes, <e R>BR> Yes </e 	Angioedema,Anaphylaxis	No Data	Suspected Adverse Reaction: The vet reports that on 24 Feb 2017 the dog was vaccinated with Nobiwa DIPPR and Nobiwa. Clin one-syringed and with Nobiwa Clinic (an other syringe). 5 minutes later (approx) the dog thowed angioedema. The vet administrated Urbason and gastric protectors. The dog was recovered the following day (approx). No more information is expected. Reson for use for product: Generic: DHPPI L V Branch NOBIVAC DHPPI IDXIDS 230 Reason: Vaccination Generic: LEPTO*4[IDX.CAM.GRIPB-BAT] XB BRANCH NOBIVAC DHPPI IDXIDS 240 Reason: Vaccination Generic: RABIES IM ALU ADJUVANT KV Brand: NOBIVAC ARBIA 10XIDS 230 Reason: Vaccination) [State of health: Good]	c Crossbred	Not Known	NOBENAC DHPP: - I.N/A.N/A, 24,1 Dose 1 Animal (24/07/2017: 24/02/2017): 24/02/2017): 887-887-8087-8040 24/02/2017): 888-987-8087-8040 2595PSION INVESTCEALE PARA PERROS GO VIALES) - I.N/A.N/A 24A/N/A.24/07/2017 24/02/2017/1887-887-887-8087-8087-8087-8087-8087-80

	ESP-MERCONGO-2017-ES-00227	Spain	Animal	Canine/dog	4 Month(s)	02/03/2017	07/03/2017	1	1 0	03/03/2017	Yes, Yes	Polyarthritis, Joint papin/Feve, Flewated temperature, Partial annorexia, Swolen lymph node, Hypoalbuminaemia, Jaw pain, Apathy	No Data	Suspected Adverse Reaction. The vert reports that on 2 March 2017 the dog was vaccinated with Ministure Mobible L.T. He following day the dog was apaths and partial moreisa. On 6 March 2017 the dog showed fever, jave pain and officially to open the mouth. It was taken to the vet and she administrated an antiful mammor, On 7 March 2017, by pain was severe, It was impossible to open the mouth. It was taken to the vet and she administrated an antiful mammor, On 7 March 2017, by pain was severe, It was impossible to open the mouth. It also showed fever, prescapidar lymph nodes were swollen and elevated to open the mouth. It also showed fever, prescapidar lymph nodes were swollen and elevated the control of
		Spain	Aumina	Cannie, dog	2 (6)	04/04/2017			1 0	04/04/2017	R×BR×BR×BR× <br×br×br× BR×BR>Yes</br×br×br× 	impoterisation/involunterity defection/staggering.Vomiting	NO Data	Rabba, Nobleac CHPPI and Nobleac L4. 5 minutes post vaccination, the dog vomited and showed Targeting hypothesis and minutes replectation. The patient was treated with filled therapy and Urbason (IV) and recovered within 2 or 3 hours. The vet also reports 2 similar cases at the same time (case 2017-E5-00356 and 2017-E5-00366). No further information is expected. (Reason for use for product Generic: RABIS IN ALU ADJUVANT VS Branch (RISNIC RABIA IDUITS 230 Reason: Prophylaxis Generic: URPPI LV Brand: NOBIVAC UFPI IDUITS 230 Reason: Prophylaxis Generic: URPPI LV Brand: NOBIVAC US 50XIDS 544 Reason: Prophylaxis Generic: URPPI LV Brand: NOBIVAC US 50XIDS 544 Reason: Prophylaxis (Sate of health: Good) (My/J.2017-04/04/2017)-8RR-8B-5)
NOBIVAC L4	ESP-MERCKMSD-2017-ES-00589	Spain	Animal	Canine/dog	12 Month(s)	27/06/2016	17/05/2017	1	1 0	23/04/2017	No, RR BR> BR> BR> BR> BR>	Lack of efficacy (parvovirus)	No Data	Suspected all facy of expected of flacy. The vert reports that on 16 Jun 2016 the day was vaccinated with Notkaline Notkobac LPH and Nothbox L
	ESP-MERCKMSD-2017-ES-00668	Spain	Animal	Canine/dog	7 Year(s)	30/05/2017	30/05/2017	1	1 0	30/05/2017	Yes, BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Anaphylactic-type reaction, Vulvar oedema, Welt	No Data	Suspected afterser rescrition. The west reports that on 30 May 2017 the day saw vaccinated with holhock. Chilhushus DIPPR, Nobbac (A. Bohokon Rabba and Nobbac Rc LS minutes after the administration of the vaccination the day displayed wells all over the body and vulner oedema. The day days treated with corticoreoids and recovered in 6 ero Nour Js. Original (Reason for use for product. Genetic: DIPP) I. V Branch NOBINAC DIPPR I 100.105.230 Reason: Vaccination Genetic: BB CANINE / PI ILI/V Branch NOBINAC KC 100.5-DILUENT 230 Reason: Vaccination Genetic: RableS IN RECOVERY OF THE PROPERTY OF THE PROPER
	SSS-MERCONSO-2017-ES-00673	Spain	Animal	Canine/dog	11 Week(s)	30/05/2017	31/05/2017	1			Yes, <k< td=""><td>Neutrophilia, Ocular discharge, Teming, Avisal discharge, Limping, Anorexia, Depress ion, Urticarial rash, Skin lesion NOS</td><td>No Data</td><td>Siapected adverse reaction. The vet reports that on 30 May 2017 the pup was vaccinated with Mobiuse Of Deer and Mobiuse. Lot 0.31 May 2017 the dip dy showed depression, anversal, hind limits treatining and public and state of the analyses. Lab results do not show who profile and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analysis of the state of the document of the document of the state of the document of the document of the state of the document of the document of the state of the state of the document of the state of the state</td></k<>	Neutrophilia, Ocular discharge, Teming, Avisal discharge, Limping, Anorexia, Depress ion, Urticarial rash, Skin lesion NOS	No Data	Siapected adverse reaction. The vet reports that on 30 May 2017 the pup was vaccinated with Mobiuse Of Deer and Mobiuse. Lot 0.31 May 2017 the dip dy showed depression, anversal, hind limits treatining and public and state of the analyses. Lab results do not show who profile and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analyses. Lab results do not show who profiled areas in Blood samples collected and submitted for analysis of the state of the document of the document of the state of the document of the document of the state of the document of the document of the state of the state of the document of the state
	SS9-MERCKMSO-2017-ES-01091	Spain	Animal	Canine/dog	4 Month(s)			1	1 0		Yes, Yes	Leucocytosis, Frofuse bleeding, Capagopathy, increased coagulation time, injection site lump, Anaemia NoS, Mon-regenerative anaemia, Thrombocytopenia	No Data	Siapected adverse reaction. The vet reports that approximately on 11 Au 2017, the puppy was varicated with Nobusc DFP9 and Nobbus C 14. The following wet, the quest so showing an injection site lump. Local cold and Thombodd were applied, but the next day the lump had not decreased. The vet made an incision and the lump started to Beed a lock. Blood analysis was performed: anemia and thromboctyopenia. Coagulation tests showed an elevation in a fewtored partial thromboptsint time. (APTT). The vet sutured the incision and K vitamin was administered. Blood analysis were repeated on 2 spet and showed an enemia, leucopycois and elevation of APTT (12) x ec.). Anaplasma and Ethickis were ruled out. A probable coagulation tests showed an elevation in a fewtored part all thromboctypenia. Name and elevation of APTT (12) x ec.). Anaplasma and Ethickis were ruled out. A probable coagulation storder is suspected. Further analysis will be carried out in order to confirm this DRIVEN CAPITAL (10) and the complex of the complex
NOBIVAC L4	ESP-MERCKMSD-2017-ES-01285	Spain	Animal	Canine/dog	5 Month(s)	18/08/2017	18/10/2017	1	1 0	14/10/2017	Yes, <b R> Yes</b 	Lack of efficacy (parvovirus)	No Data	Sixpected lask of expected efficacy-The vet reports that the dog was vaccinated as follows on 8 July 2017 with Noblaw CDIPPI - 1,14/A,14/A, 24,1 To 2017 with Noblaw CDIPPI and Noblave L. 10. 18 August 2017 with Noblaw CDIPPI and Noblave L. 10. 18 August 2017 with Noblaw CDIPPI and Noblave L. 10. 18 CDI 2017 with Noblaw CDIPPI and Noblave L. 10. 18 CDI 2017 with Noblaw CDIPPI and Noblave L. 10. 18 CDI 2017 with Noblaw CDIPPI and Noblave L. 10. 18 CDI 2017 with dog was discharged. Blood and faces samples were collected for analysis. FCR was postbler for parov. Awalting ruther analyses results Follow-up 28 COL 2017 Gardia, Cryptosporidum, Salmonela, Clostfalium, Campolybecter, Cornovalvia and Dislenger were mode dout. Sequencing of parovivus strain is pending Follow-up 17 Nov 2017. Parovivus 2-c was confirmed. No further information is expected. [Reason in vaccination Generic LEPTO*4(CT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 SOXLDS 544 Reason: Vaccination Selected Communication of the Product

NOBIVAC L4		Spain	Animal	Canine/dog	2 Year(s)	19/10/2017	24/10/2017	1 1		8/10/2017		Leucocytosis, Neutrophila-Feeria, Park Jahry Nposlabimanemia, Urne abornamilia: NOS-Proteinuria, Decreased urine concentration, Elevated concentration, Elevated Japan, Elevated any Pahromal utrasound finding, Elevated Japan, Elevated any Japan, Elevated Japan, Elevated any Japan, Elevated And State of the Control of the Control Control of the Control of the Control Japan, Elevated and Japan, Elevated Oston, Control of the Control of the Control Japan, Elevated and Japan, Elevated Oston, Control of the Control of the Control of the Control Japan, Elevated and Japan, Elevated Oston, Control of the C	No Data	Sispected adverse reaction:The wet reports that the dog was vaccinated with Noblava DIPPP and Noblava CI August 2017. The health status of the dog was pool, but kidney shones had been found in the early morning of 23 Oct 2017 the dog started to show apathy and fever (41,2 %C). Noticil and metazam were administred. The following day, fever had decreased a little (33,5 – 40 °C). Blood analysis showed leucocytosis, neutrophila and hypoalbuminsemia. The patient was treated with fluid therapy, metazam and Noticil and the following day fever had discopped. Blood analyses had been performed 2 months port to vaccination and all parameters were normal. Blood and urine samples have been collected to analyses. And length is evalual. Following 30 Oct 2017: Blood analyses had been performed 2 months port to vaccination and all parameters were normal. Blood and urine samples have been collected to analyses. Analysis late sould read the second of the state of the second analyses and the performed and the second of the second parameters are committed. The samples is our size density for the second of the second parameters are committed. The samples is our size density in the second of the second of the second parameters are committed. The samples is our size density in the second of the second parameters are committed. The samples is our size density in the second of the second of the second parameters are committed. The samples is bord of the second density in the second of the second parameters are committed. The samples is not sense to second of the second parameters are committed. The samples is the presence of proteins and crusters in explant the second parameters are committed. The second parameters are committed to the second parameters are committed. The second parameters are committed to the second parameters are committed. The samples is the presence of proteins and crusters in second parameters are committed. The second parameters are committed and the samples are second parameters are committed. The second paramete	Yorkshire Terrier f f she	Not	NOBINAC DIPPP - 1.N/A,N/A, 2-4,1 Dose Not applicable 1.n/mail (19/10/2017 - 19/10/2017) 19/10/2017-	
	ESP-MERCIMASD-2017-ES-01337	Spain	Animal	Canine/dog	7 Month(s)	09/06/2017		2 2			R>GBX>GBXYES, GBX>GBX>GBX BBX>GBX>NOT KNOWN	Lack of efficacy (panovirus)	No Data	Suspected lisk of expected efficacy/The vet reports that on 9 Jun 2017 2 dogs of the same litter were varichated with Nobusc DEPPO and Nobusc Leptor. They were 10 weeks of age (EUL) Both dogs received the same vaccines previously on 25 May 2017, with 8 weeks of age. Dogs were vaccinated of 11 May 2017 with 8 Nobusc Pupp DP of and were decorrend (unknown details), 6,017 5 days passed among vaccinations (EUL) Around the 25 Oct 2017 one of the dogs showed gastroenteritis. On 27 Oct the dog was taken to the vet clinic. The vet suspects of Inegrison of a foreign body. It received Domperidone and soft dief. The dog did not improve so It was taken to another vet hospital where it was diagnosed with a digestited foreign body (cord.). The dog was operated but did on improve. On 25 Oct 2017 the other dog displayed digestive symptoms. On 30 Oct both dogs were tested for CPV (quit test) with positive results. Dogs were hospitalized. They recovered and were discharged on 5 Nov 2017. Smighes have been collected to carry out further analyses. The vet reports a similar case a few days later (2017-25-3317, follow up is pending Follow up 10 Nov 2017-ER of the other puppy also gave positive results for CPV and Campylobacter joint. PCR was negative for other digestive infectious gave positive results for CPV and Campylobacter joint. PCR was negative for other digestive infectious gave positive results for CPV and Campylobacter joint. PCR was negative for other digestive infectious gave positive results for CPV and Campylobacter joint. PCR was negative for other digestive infectious gave. Assisting sequencing of the other one. 2012 Sequencing of one of the puppies revealed CPV-XC. Awaiting sequencing of the other one. 2010 2017 Sequencing for General LEPTO 47 CLT AWAITING PARA N. Barrand. NOBRING L4 SOUIDS 544 Reason: Vaccination) (State of health: Good)	Crossbred n :	Not Known	NOBINAC DHIPPI - I.N/A,2 Weeks,24,1 Dose 2 Weeks I Animal (wg)(xg/0,1017- 00)(xg/0,1017- 00)(xg/	
NOBIVAC L4	ESP-MERCIMISD-2017-ES-01347	Spain	Animal	Canine/dog	7 Month(s)	09/06/2017	08/11/2017	1 1	0 0	8/11/2017	No, eBR> Yes	Lack of efficacy (parvovirus)	No Data	Supercised lack of expected efficacy. The vert reports that on 9 Jun 2017 the dag was vaccinated with Noubbac DPPR and Nobbac Lepton. It was 10 weeks of age, IEU,11 he dag revent with same vaccine previously on 25 May 2017, with 8 weeks of age. The dag was vaccinated on 11 May 2017 with a Nobbac Puppy De and was devormed inchrown details). Only 15 days passed mong vaccinations (EUI) on 8 Nov 2017 the dag was hospitalized in a vert hospital showing parvovirus signs (unknown details), It is unknown if diagnostic testive were performed. Samples have been collected to carry out analyses. The vert reported a similar case regarding other puppies of the same litter (D017-E-01337). Follow up is pending foliow up 15 Nov 2017: the days was discharged on 12 Nov 2017. It is fully recovered. PCR gave positive results for CPV and Giardia. Other infectious digestive agents were ruled out. Awalting sequencing, Foliow up 15 needing on 100 Nov 2017. It is fully carried to 100 Nov 100 Nov 2017. It is fully recovered. PCR gave positive, Foliow up 15 needing on 100 Nov 2017. It is fully recovered. PCR gave positive, Foliow up 15 needing on 100 Nov 2017. It is fully recovered. PCR gave positive, Foliow up 15 needing on 100 Nov 2017. It is fully recovered. PCR gave positive, Foliow up 15 needing on 100 Nov 2017. It is fully recovered to 100 Nov	Crossbred	Not Known	NOBWAC DIPPR - I_N/A_2 Weeks_24_1 Dose 2 Weeks 1 Animal (90)06/2017- 90)06/2017- 90)06/2017-BRN-SRN-OBIVAC L4 SUSPENSION INVECTABLE PARA PERROS- 1_N/A_2 Weeks_24_N/A (90)06/2017-09/06/2017)-BRN-BRN-	
	ESP-MERCKMSD-2017-ES-01358	Spain	Animal		3 Year(s)	10/11/2017	,	1 1			Yes, Fes	membrane,Fainting,Hypotension,An aphylactic-type reaction	No Data	Siapected adverse reaction:The wet reports that on 10 Nov 2017 the dog was vaccinated with Nobxo DPHPR and Nobius cl. A Around 4 minutes after the administration the dog displayed an anaphysicist type reaction showing hypotension. Fainting and pale mucous membrane. The dog was treated with fluid therapy, controsteroids (Zing/kg) and antithistaminic. It also received condensed mills. 45 minute later it got better. 6 hours after the vaccination a new dose of corticosteroids (Ing/kg) was administered as it was still showing pale mucous membrane. The dog was fully recovered on the next days, No further information is expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC LHP 3 DIOIDS 250 Reason: Vaccination Generic: LEPTO*4(ICT,AN, GRIPP,BRAT) xtl Brand: NOBIVAC L4 SOXIDS 544 Reason: Vaccination] [State of health: Good]	s Schnauzer	Not Known	NOBIVAC DHPPI - 1.N/A,N/A, 24,1 DOSE Unknown 1 Animal (10/11/2017- 10/11/2017-BR>-BR>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS - 1.N/A,N/A, 24,N/A (10/11/2017-10/11/2017)-BR>-BR>	
	ESP-MERCIMASD-2017-ES-01418	Spain	Animal			24/09/2017		1 1			R×BR×BR>Yes	Death,Lack of efficacy (parvovirus)		SIEE: On 23 Nov 2017 a German wet reported that he had vaccinated a dog with Noblows SHPP and Noblows L4 (German products) simultaneously on 25 sp 20 17 or the first time. At that time the pup was still living at the breeder's home, but was sold to a new owner in Spain a few days later. The new owner missed out the booster vaccination and reported on 16 Nov that the dog was leithargic. He brought the dog to a Spanish net, where Parnovivois was diagnosed with a quick test. Additionally to that, a Glarida test was positive and the dog had endopparatise (wormal) in Sec. The dog was treated symptomatically but ded on 20 Nov 2017. It is unknown if the dog was enthanized or not. Since the alsense end recorned in Spain the set wort be able to get more information. No pathologism the second of the second of the second of the second of the vaccine is No-stalledy of the vaccine is No-stalledy. Case closed. [Reason for use for product. Genetic IPIPPI LV Brand. NOBIVAC L43 DXIDS 540 Reason: Vaccination [State of health: Good]	Wire-haired	3	NOBINAC DHPP - 1N/A,N/A, 24,1 Dose Not applied I- Animal (24/09/2017 - 24/09/2017 -	
	ESP-MERCKINSD-2017-ES-01464	Spain	Animal	Canine/dog	3 Year(s)	13/12/2017	14/12/2017	1 1	0 1	3/12/2017	Yes, <br< td=""><td>Anaphylactic-type reaction,Pale mucous mucous membrane,Fainting,Hypotension,Vo miting</td><td>No Data</td><td>Supected adverse reaction:The wet reports that on 13 Dec 2017 the dog was vaccinated with Nobixo DIVPR and Nobixo. L.The dog was significant prior vaccination. 10 minutes after the vaccination the dog displayed severe hypotension, fainting, pale mucous membrane and vomiting. The dog was treat with intravenous corticosteroids, rankidine, arthibitationalic and fluid therapy. It also received with intravenous corticosteroids, rankidine, arthibitationalic and fluid therapy. It also received similar case at the same time (2017-ES-01465). No further information is expected. [Reason for use for product: Generic-DIPPI U.Y Branch (SOINICA COPPI DIVIS 230 Reasons Vaccination Generic: LEPTO*4(ICT_CAN_CRIPP_BRAT) KB Brand: NOBIVAC L45 SOXLDS 544 Reason: Vaccination [State of health: Good!</td><td>c Maltese</td><td>Not Known</td><td>NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal [13/12/2017-13/12/2017) 13/12/2017-BR> BR>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERGOS - 1,N/A,N/A, 24,N/A (13/12/2017-13/12/2017) BR><8R></td><td></td></br<>	Anaphylactic-type reaction,Pale mucous mucous membrane,Fainting,Hypotension,Vo miting	No Data	Supected adverse reaction:The wet reports that on 13 Dec 2017 the dog was vaccinated with Nobixo DIVPR and Nobixo. L.The dog was significant prior vaccination. 10 minutes after the vaccination the dog displayed severe hypotension, fainting, pale mucous membrane and vomiting. The dog was treat with intravenous corticosteroids, rankidine, arthibitationalic and fluid therapy. It also received with intravenous corticosteroids, rankidine, arthibitationalic and fluid therapy. It also received similar case at the same time (2017-ES-01465). No further information is expected. [Reason for use for product: Generic-DIPPI U.Y Branch (SOINICA COPPI DIVIS 230 Reasons Vaccination Generic: LEPTO*4(ICT_CAN_CRIPP_BRAT) KB Brand: NOBIVAC L45 SOXLDS 544 Reason: Vaccination [State of health: Good!	c Maltese	Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal [13/12/2017-13/12/2017) 13/12/2017-BR> BR>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERGOS - 1,N/A,N/A, 24,N/A (13/12/2017-13/12/2017) BR><8R>	
NOBIVAC L4	ESP-MERCKMSD-2017-ES-01465	Spain	Animal	Canine/dog	1 Year(s)	14/12/2017	15/12/2017	1 1	0 1	4/12/2017	Yes, <br< td=""><td>Hypotension,Vomiting,Anaphylactic type reaction,Vagal Shock</td><td>No Data</td><td>Supected adverse reaction:The set reports that on 14 Dec 2017 the dog was vaccinated with Nobixo DNPP and Nobixo. L. The dog was vary aglited aprior vaccination. S mitures after the vaccination the dog displayed hypotension and vomited twice. The dog was treated with corticosteroids and artifishataminic. It also received condensed milk. The dog recovered 20 minutes after the treatment. The vet suspects of an anaphylatic-type reaction or a vegal policy. Other veri the foliar ports a similar case at the same time [2017-E5-01464]. No further information is expected. [Reason for use for product: Generic. DMPT L. V Branch (DMINIC DMPP) EUROS 2018 Reasons: Vaccination Generic: LEPTO*4(ITC,CAN,CRIPP, BRAT) KB Brand: NOBIVAC L4 50XLDS 544 Reason: Vaccination] [State of health: Good!</td><td>c German Spitz Pomeranian</td><td>- Not Known</td><td>NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose Urknown 1 Animal (4/12/2017-14/12/2017)-BR>-RB>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS - 1,N/A,N/A, 24,N/A (14/12/2017-14/12/2017)-BR>-BR></td><td></td></br<>	Hypotension,Vomiting,Anaphylactic type reaction,Vagal Shock	No Data	Supected adverse reaction:The set reports that on 14 Dec 2017 the dog was vaccinated with Nobixo DNPP and Nobixo. L. The dog was vary aglited aprior vaccination. S mitures after the vaccination the dog displayed hypotension and vomited twice. The dog was treated with corticosteroids and artifishataminic. It also received condensed milk. The dog recovered 20 minutes after the treatment. The vet suspects of an anaphylatic-type reaction or a vegal policy. Other veri the foliar ports a similar case at the same time [2017-E5-01464]. No further information is expected. [Reason for use for product: Generic. DMPT L. V Branch (DMINIC DMPP) EUROS 2018 Reasons: Vaccination Generic: LEPTO*4(ITC,CAN,CRIPP, BRAT) KB Brand: NOBIVAC L4 50XLDS 544 Reason: Vaccination] [State of health: Good!	c German Spitz Pomeranian	- Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose Urknown 1 Animal (4/12/2017-14/12/2017)-BR>-RB>NOBIVAC L4 SUSPENSION INVECTABLE PARA PERROS - 1,N/A,N/A, 24,N/A (14/12/2017-14/12/2017)-BR>-BR>	

NOBIVAC L4	ESP-MERCKIMSD-2018-ES-00056	Spain	Animal	Canine/dog	2 Year(s)	26/01/2018	26/01/2018	1 1	0 26	5/01/2018	Yes, <b R> >Yes</b 	Pale mucous membrane, Hypotension, Vorniting, A naphylaxis, Anaphylactic-type reaction	No Data	Supected adverse reaction: The vet reports that on 26 Jan 2018 the dog was vaccinated with Nobbac DHPP and Nobbac L4. Around 5 minutes after vaccination the dog displayed hypotension, vomiting and pale mutous innerhane. It was treated with corticostroids, ratelidine, antilistancinic and fluid therapy. It also received condensed milk. The dog got better hall an hour after the treatment. As hom the dog womited another time. It was treated with Manoptian. The following day the dog was fully recovered. No further information is expected. [Reason for use for product: Generic: DHPP1 LV Branch NOBWAC DHPP 10XID 5230 Reason: Vaccination Generic: LEPTO*4(CT,CAU,CRIPP,BAAT) NB Brandt NOBWAC DAS AR Reason: Wascinstoin [State of health: Good]	Crossbred	12	NOBIVAC DHPPI - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (26/01/2018- 26/01/2018)-BR>-BR>-NOBIVAC L4 SUSPENSION INYECTABLE PARA PERROS - 1,N/A,N/A ,24,N/A (26/01/2018-26/01/2018)-BR>-BR>-BR>		
	ESP-MERCKMSD-2018-ES-00189	Spain	Animal	Canine/dog	7 Year(s)	28/02/2018	12/03/2018	1 1		1	Yes, <b R> >BR>Not Known</b 	Convulsion	Not Known	Supersta Adverse Evert. As reported by the attending vit. 4.7 year old Sour male dag (Noticon) received a doso of EURCAN PRIMISM Diston malner unincome) by 5 crost an advanced to a dose of NORIVAC (MSD) administered by the attending vet on 28/EBJDUS. 40 minutes after product administration the animal experienced convulsion at home for about 1 minute. The animal recoverage spontaneously and without sequelae. The animal had already received both vaccines on the same day in previous years. (Reason for use for product. Generic: PERUMDOOG Brand EURCAN PRIMISM Reason: Routine vaccination Generic: Brand: Noblwac L4 (MSD) Reason: Routine vaccination (State of health: Unknown)	Boxer 4 (German Boxer)	Not Known	EURICAN PNEUMO - 1,N/AN/A ,24,1 Dose 1 Animal (28/02/2018- 28/02/2018)-GBR->BR->NOBIVAC L4 SUSPENSION NYECTABLE PARA PERROS - 1,N/A,N/A, 24,N/A (28/02/2018-28/02/2018)-GBR->BR->		
NOBIVAC L4	FI-Fimea-20170370	Finland	Animal	Canine/dog	1 Year(s)		09/09/2017	1 1	30	0/08/2017	Not Known,
 Not Known,
 Not Known</br </br 	Vomiting	Not Known	The dog started to vomit about 15 minutes after vaccination. However, no signs of anaphylaxis. The dog is a young male and it was very excited about a blitch in heat brought to the clinic by the same owner.	Boston Terrier	9.6	NOBIVAC L4 - 1,N/A,N/A,10,N/A (N/A-N/A) -RABDOMUN VET 1,N/A,N/A, 10,N/A (N/A- N/A) >VERSICAN PLUS DHPPI - 1,N/A,N/A, 10,N/A (N/A- N/A) 	B - Possible	Vomiting is a known possible adverse sign (hypersensitivity) following vaccination.
	FI-Fimea-20180080	Finland	Animal	Canine/dog		21/03/2018	22/03/2018	1 1		- - - - - - - - - - -	Not Known, >Rot Known, Not Known, 	skin, Vomiting. Restlessness, Swollen tongue	Known	Suspected AE: 2 years old thasia apsor, male, vaccinated with Nobinez La and Nobinez DHIPI and treated with Cazitel Plus for echinococcus treatment. About 5 minutes after medications an allergic reaction was observed: cheeks and ligs started to litch, also skin around eyes and ligs turned red. Also front paws were litch yand red. Tongue got swollen a little bit. Treatment at the clinic: hydrocortisone injection, oxigen by mask and iv. "Alled Response to teratment good, storing printix cortinued at home for another two hours. Next morning (about 12 hours later) the dog vomited and was restless and skin was still reddish. Not yet recovered	Lhasa Apso		CAZITEL PLUS - 1,N/A,N/A, 24,N/A (21/03/2018- 21/03/2018)+GR>BR>-NOBIVAC DHPPI VET - 1,N/A,N/A, 1,0,N/A (21/03/2018- 21/03/2018)+GR>BR>-NOBIVAC L4 1,N/A,N/A, 1,0,N/A (21/03/2018- 21/03/2018)+GRPSBR>-NOBIVAC L4 1,N/A,N/A, 1,0,N/A (21/03/2018- 21/03/2018)+GRPSBR>	B - Possible	Time association for acute allergic reaction present for vaccinations and for later onset of an allergic reaction for Cataltel product. Observed signs typical for a hypersensitivity reaction. Three different VMP given at the same time and because signs observed later on the next morning, causality assessment is for all used products possible (8).
NOBIVAC L4	FR-ANMV-14 ANMV 01304	France	Animal	Canine/dog	2.5 Month(s)	13/10/2014	07/11/2014	1 1	0 15		Not Known, Not Known, <known, <known< td=""><td>Papule,Anaphylactic - type reaction, Facial oedema</td><td>Not Known</td><td>13/10/2014 at 3 to 0 pm: vaccination (2nd injection of primary vaccination) with NOBINAC (1.4, NOBINAC (1.4) CHPPI and NOBINAC (1.4, NOBINAC (1.4) CHPPI and NOBINAC (1.4) Cast of a lergic cedema located on right eye. Then papules (1.c m) on the back and limbs, and then lip oedema. The do, was seen by a vet on emergency service on 15/10 eye early in the morning who administered corticoids (injectable abd then orally). On 15/10 the dog was seen by the attending wet, who noticed in residual facial oedema, and only rare residual small papules. General healthstate was good.</td><td>Boxer (German Boxer)</td><td>7.6</td><td>NOBIVAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,O,NAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,</td><td>O1 - Inconclusive</td><td>CA comments: The reported signs are compatible with an anaphylactic type reaction. Many allegens wan trigers such reactions, including vaccines. However, the time to onset after vaccination is a bit long and suggests another cause (aeroallergen, food allergen, insect bite) Therefore, the roles of the three vaccines are O1 (inconclusive) assessed.</td></known<></known, 	Papule,Anaphylactic - type reaction, Facial oedema	Not Known	13/10/2014 at 3 to 0 pm: vaccination (2nd injection of primary vaccination) with NOBINAC (1.4, NOBINAC (1.4) CHPPI and NOBINAC (1.4, NOBINAC (1.4) CHPPI and NOBINAC (1.4) Cast of a lergic cedema located on right eye. Then papules (1.c m) on the back and limbs, and then lip oedema. The do, was seen by a vet on emergency service on 15/10 eye early in the morning who administered corticoids (injectable abd then orally). On 15/10 the dog was seen by the attending wet, who noticed in residual facial oedema, and only rare residual small papules. General healthstate was good.	Boxer (German Boxer)	7.6	NOBIVAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,O,NAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	O1 - Inconclusive	CA comments: The reported signs are compatible with an anaphylactic type reaction. Many allegens wan trigers such reactions, including vaccines. However, the time to onset after vaccination is a bit long and suggests another cause (aeroallergen, food allergen, insect bite) Therefore, the roles of the three vaccines are O1 (inconclusive) assessed.
NOBIVAC L4	FR-ANNV-14 CPVL 01581	France	Animal	Canine/dog	14 Year(s)	14/10/2014	15/10/2014	1 1	1 14		Yes, FR> Yes, CBR>Yes, CBR> >FR> 	Falling Paresis, Death	No Data	That elderly cardiac dog (Maltese crossbergl) was injected with NOBINVIC EHPP, NOBINVIC L4 and RABISIN (boosted special ±11.00 AM. According to owner (perpendial text to vel.) to m omedical examination), the dog began to display posterior paresis at 21.00 PM, followed by falling and death. No necropsy.	Not Applicable	Not Known	NOBINAC CHPPI-N/AN/AN/AN/A N/A.1 dose, duration cnece, onest time: 10 hours (14/10/2014.14 N/A)=BR-SR-NOBINACIA: 1 N/A)=RN-AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/A	O1 - Inconclusive	CA comments: Vet (and owner) had concern about role of the new NOBIVAC L4 vaccine. Chronology is compatible with the hypothesis of an effect of vaccination, analyshix for example, in such case, onset of cardiac troubles would be compatible and could explain failing then death, especially in that cardiac elderly dog. However, no medical examination was achieved during last moments before fatal outcome, and no necropsy to allow better details on the cause of death. Considering the lack of datas concerning the exact details of death, the role of the three vaccines remains C3-inconclusive evaluated.
	FR-ANNIV-15 ANNIV 00037	France	Animal	Canine/dog	2 Year(s)	02/01/2015	19/01/2015	1 1	0 02	2/01/2015	Yes, <b R> >BR>Yes</b 	Syncope,Trembling,Polypnoea,Facia I oedema,Amaphylactic-type reaction,Swollen lip (see also 'Skin')	No Data	On DQ, a 2-year old digy seccinated with NOBINVAC (CIP and NOBINVAC Id by the vet. Ten minutes later, the dog displayed syncope, trembling and polysnea, and 5 hours later it displayed facial oedema with swollen and indurated lips. It recovered in the same day after dexamethazone injection.	Pug		NOBINAC CHP- N/A.N/A.N/A.N/A.1 ml; duration: once; onset time: 10 min (02/01/2015- N/A!>BR-SER>NOBINAC L4 - N/A.N/A.N/A.N/A./A.1 ml; onset time: 10 min (02/01/2015-N/A)>BR> 	B - Possible	Ox comments: The reported time to onset and clinical signs, as well as the good recovery after decamethazone injection, are highly evocative of an anaphylactic-type reaction to the vaccination. Such reactions are a well-known possible idse-effect of vaccines, and several similar cases are documented in the French pharmacoviglance database. Therefore, as both products were administered concomitantly, their respective role is assessed if (Possible). Follow-up 13/01/2015: The assessment remains unchanged.
	FR-ANMV-15 ANMV 00265	France	Animal		8.5 Year(s)	18/02/2015	18/02/2015	1 1		; ; ;	Not Known, Not Known, <nown< td=""><td>Quincke's oedema</td><td>Not Known</td><td>Within 2 hours following injection, the animal displayed Quincle's oedema (thi ad previously been vaccinated on 1902/2014). It was treated with Solumedro JO VII and recovered within a few hours. Vet's comment: Allergic reaction. Duration of reaction: a few hours</td><td>French Bulldog</td><td>10.6</td><td>NOBIVAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D</td><td>B - Possible</td><td>CA comments: The reported time to onset and clinical signs, as well as it be good recovery after treatment with conticoids, are highly exocative of an anaphylactic type rection to the vaccination. Such reactions are a well-known possible side-effect of vaccines, and several similar cases are documented in the French pharmacoviglance database. Therefore, as three products were administered concomitantly, their respective role is assessed: 8 (Possible).</td></nown<>	Quincke's oedema	Not Known	Within 2 hours following injection, the animal displayed Quincle's oedema (thi ad previously been vaccinated on 1902/2014). It was treated with Solumedro JO VII and recovered within a few hours. Vet's comment: Allergic reaction. Duration of reaction: a few hours	French Bulldog	10.6	NOBIVAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D	B - Possible	CA comments: The reported time to onset and clinical signs, as well as it be good recovery after treatment with conticoids, are highly exocative of an anaphylactic type rection to the vaccination. Such reactions are a well-known possible side-effect of vaccines, and several similar cases are documented in the French pharmacoviglance database. Therefore, as three products were administered concomitantly, their respective role is assessed: 8 (Possible).
	FR-ANMV-15 ANMV 00331	France	Animal		.3 Year(s)	26/02/2015	20/03/2015	1 1		6/02/2015	Not Known,
 Not Known</br 	reaction,Swollen face (see also 'Skin')	Not Known	26(02)2015: vaccination of a dog (I.3 year citil with EURICAN CHPPI and MORIVAC (4 by the wet. 1-201: the dog displayed quinche cedems, swollen muzle and portifus. Treatment with corticols and recovery within 6 hours Duration of reaction: 6 hours. Reason for treatment: Vaccination Outcome of SAR: Favorable	Not Applicable	4	EURICAN CHPPI2 - N/A,N/A,N/A ,N/A,duration: once; onset time: 2 hours (26/02/2015- N/A) ~BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,duration: once; onset time: 2 hours (26/02/2015- N/A) ~BR>	B - Possible	CA comments: The reported signs and time to onset are compatible with an anaphylactic-type reaction, which is a well known possible adverse effect of vaccines. As both vaccines were injected simultaneously, it is not possible to distinguish their respective roles: each one is B (possible) assessed. Follow-up on 20/03/2015: The assessment remains unchanged.
NOBIVAC L4	FR-ANMV-15 ANMV 00663	France	Animal	Canine/dog	9 Year(s)	15/04/2015	28/04/2015	1 1	0 17	7/04/2015	Not Known,
 Not Known</br 	Abnormal posture NOS.Apathy.Walking difficulty	Not Known	15/04/2015: vaccination of the dog (Labrador) 9- p. 32 kg) with NOBINAC RAGE and NOBINAC L4 mixed in the same gyinge, Scroute. 27/00/2015: the dog (palyader) apply, witing (ifficulties, low head. 18/04/2015: complete and sportaneous recovery. Duration of reaction: 1 day. Reason for treatment: Vaccination. Outcome of SAR: Favorable	Labrador Retriever	32	NOBIVAC L4 - N/A,N/A,N/A ,N/A,onset time: 2 days (15/04/2015 N/A) NOBIVAC RAGE - N/A,N/A,N/A,N/A,onset time: 2 days (15/04/2015-N/A) 	B - Possible	CA comments: The reported signs and chronology are compatible with a post-vaccinal reaction. These are however poorly specific signs, and no hyperthermia is described: each vaccine is B (possible) assessed.

NOBIVAC L4	FR-ANMY-15 ANMY 00961	France	Animal	Canine/dog	10 Week(s)	01/06/2015	13/07/2015	1	1	08/06/2015		Anaemia NOS, Triombocytopenia, Diarrhoea, Melaena, Vomtling, Anorexia, Pipert hermia, Lethang Yee ea lao Central nervous system depression in Neurological JMucrous stool, Dehydration, Abnormal test result. Abnormal radiograph finding	Not . Known	OL/06/2015: vaccination of a puppy (Leonberg, 10 weeks-old, 10.5 kg) with NOBINAC CHP and NOBINAC LANG-QUASTLES the puppy displeyed annorsia and letahary 00/96/2015: so morexia, vomiting and profuse, frequent diarrhoes containing mucus and melaena, hyperthermia 39.7°C. Abdominal X-ray lot of air in the mail and largin eliterisi. Heamtology red cells and white cells counts are normal slight anemia and slight thrombocytopenia. Urea, creatinine, ALEP, AST and glycaemia were normal. Sang test IDEX was quickly and strongly positive on 11/96/2015 (not specified for which pathogen an on which material). PCR analysis ongoing at Vetagrosup Laboratory for potential detection of an owhich material. PCR analysis ongoing at Vetagrosup Laboratory for potential detection of proviorius/coronavirus/glardia. The dog was administered surprignosatic treatment (enrofloxacine, Estocelan, Prilinii, Canikur, initiscin). Condition improved on 14/06 and relapse on 15/06/2015. The reporting vet suspect a return to virulence of the attenuated virulen virulence and the vaccine. Follow up 03/07/2015 by the NAH: Case linked to 15 ANNO 00940 (low number IR-NLINTVINT-2015-IR-00647) Paroviorius infection was confirmed by unaphis. Follow up 13/07/2015. The reporting vet Strongly positive for paroviorius and weakly positive for Giardia. Negative for coronavirus. Conclusion paradvisorius. Duration of reaction: 8 days. Resson for treatment: primo-vaccination Outcome of SARI: Unknown	Leonberger	10.5	NOBINAC ENP - NANIANAN, ANA,1 dose; duration: NORC; onset time: 7 DAYS (01/06/2015 - NA)-RBSBR-NOBINAC L4 - NANIANIAN ANIAL dose; duration: ONCC; onset time: 7 DAYS (01/06/2015 - N/A)-BR>-GR>	N - Unlikely	CA comments: Digestive signs, hyperthemins, anoresia and apathy are compatible with a post-vaccinal reaction, but the time to onest (lone week) is not. Resuggence of vicinities is a possible cause, but ponly probable given the attenuation techniques. Infection by a wild strain of parovirus or more likely given the clinical picture and the absence of leucoperais by a coronavirus or the given given the explanation. Waiting for the PCR results, the report is assolited as a safety size and the role on NOBINAC CHP and NOBINAC CLP and NOBINAC CLP and CONDINA CHP and NOBINAC CLP are compared to the continued of the co
NOBIVAC L4	FR-ANMV-15 ANMV 01217	France	Animal	Canine/dog	3 Year(s)	31/07/2015	03/08/2015	1	1	31/07/2015	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR> Not Known	Vomiting Anaphylaxis, Apathy	Not Known	Within a few hours post-vaccination, the animal displayed vomiting (lasting for 24 hours) and lethargy (lasting for 3 days).	Boxer (German Boxer)	35	EURICAN CIEPP2 - N/A N/AN/A N/A,1 Dose; duration: Once; onset time: 24 Hours (31/07/2015- N/A)+8BR-8BR-NOBINAC L4 - N/AN/AN/A N/A,1 Dose; duration: once; onset time: 24 Hours (31/07/2015-N/A)+8BR-8BR-8ABISIN - N/A,N/AN/A N/A 1 Dose; duration: Once; onset time: 24 Hours (31/07/2015-N/A)+BR-8BR-9BR-9BR-9BR-9BR-9BR-9BR-9BR-9BR-9BR-9	B - Possible	CA comments: The time to onset and the reported (shirical signs are very suggestive of an anaphylactic- stype reaction, which is a known side effect of vaccine as drug class. As the three products were and ministered concommitantly, it not possible to distinguish their respective effects. Therefore, the role of NOBMACIA, EURICIA CHEPY2 and RABISIN is assessed B (Possible).
NOBIVAC L4	FR-ANMV-15 ANMV 01223	France	Animal	Canine/dog	2 Year(s)	30/06/2015	04/08/2015	1	1 (30/06/2015	Not Known,
 >BR Not Known</br 	Lethargy (see also Central nervous system depression in 'Neurological'). Drinking a lot. Application site inflammation	Not Known	Within a few hours post-vaccination, the animal displayed lethargy (listing for 3-4 days) and increase of owater intake after a week, along with development of a localized injection site reaction (resolved within a week).	Not Applicable	6.5	EURICAN CHP - N/A.N/A,N/A ,N/A,duration: once; (30/06/2015- N/A)-BRBR-NOBINAC 14 - N/A.N/A,N/A,M/A,duration: once; (30/06/2015-N/A)-BR>-CBR>	B - Possible	CA comments: The Chronology and raturur of the reported signs are suggested of a post-vaccinal reaction. Both transient lethrary and and rijection is inflammation are well-known side-effects of vaccines as a drug class. Polydopia is more uncommon but could be related to lethrile reaction. Still, as two products were administered concomitantly, it is not possible to categorically distinguish their respective effect. Therefore, the role of both vaccines is assessed 8 (Possible).
NOBIVAC L4	FR-ANMY-15 ANMY 01344	France	Animal	Canine/dog	10 Week(s)	27/07/2015	03/09/2015	5	1 (31/07/2015	Not Known,
 Not Known</br 	Injection site swelling	Not Known	Four days after vaccination, the dog displayed injection site swelling which evolved in an abcess. Treatment with clindamycine and firocoxib + debridement of the abscess.	Not Applicable	5.4	NOBINAC CHPPI - NI/AN/AN/A N/AI, Jobe, duration-once, onest time: 4 days (27/07/2015- VA)/AI-BRSRR-NOBINAC L4 - NI/AN/AN/A NI/AI dose; duration: once; onest time: 4 days (27/07/2015-N/A)-BR>-BR>	B - Possible	CA comments: The nature and location of the signs and the time to note are compatible with a reaction to the vaccines. Adjuvanted vaccines can cause local inflammation which may favour bacterial profileration (complete sterility is almost impossible and here the consequence of the statement of the consequence of the statement of the consequence of the c
NOBIVAC L4	FR-ANMV-15 ANMV 01598	France	Animal	Canine/dog	5 Year(s)	29/07/2015	05/10/2015	1	1 (10/08/2015	Not Known	Erythema (for urticaria see Immune SOC),Pruritus,Pyoderma	Not Known	Few days after primary vaccination, the dog displayed proderms (that was generalized within 12 days after vaccination). Treatment with antibiotics, sharing and abmopoling. Recurdiscence of purifus and erythems after booster vaccination (batche A832A01) on 24/08/2015 despite treatment still ongoing. Reason for treatment: Vaccination Outcome of SAR: Unknown	Crossbred	15	NOBIVAC L4 - N/A,N/A,N/A ,N/A,onset time: 12 days (29/07/2015-N/A) 	B - Possible	CA comments: Time to onset is suggestive of an effect of the vaccination and skin disorder are possible in case of hypesreshibity reaction. The recruence after booster vaccination comforted this hypothesis. However such clinical signs are poorly specific and another cause such as FAD cannot be totally ruled out. Thus the role of NOBIVAC L4 is assessed B foocoidabal.
NOBIVAC L4	FR-ANMV-15 ANMV 01762	France	Animal	Canine/dog	5 Year(s)	02/11/2015	02/11/2015	1	1 (02/11/2015	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Ptyalism	Not Known	02/11/2015: 7 hours after vaccination with NOBINAC CIPPR, NOBINAC List and PREUMCDOC6, the dog displayed intense pysikm, without Oxious explanation. It was treated with 30 mg methylgredsisolone Duration of reaction: 2 hours Reason for treatment: Vaccination Outcome of SAR: Unknown	Jack Russell Terrier	5	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 mi; duration: once; onset time: 7 h (02/11/2015- N/A)-BRBR-NOBIVAC L4 N/A,N/AN/A,N/A,1 mi; duration: once; onset time: 7 h (02/11/2015- N/A)-BRBRPREUMODOG - N/A,N/AN/A,N/A,1 mi; duration: once; onset time: 7 h (02/11/2015- N/A)-BRBRBR N/A,N/AN/A,N/A,1 mi; duration: once; onset time: 7 h (02/11/2015- N/A)-BRBRBR N/A,BRBRBR NAM-BRBRBR NAM-BRBR NAM-BRBRBR NAM-BRBR NAM-BRBR NAM-BRBRBR NAM-BRBR NAM-BRBRBR NAM-BRBRBRBR NAM-BRBRBR NAM-BRBRBRBR NAM-BRBRBR NAM-BRBRBRBR NAM-BRBRBR NAM-BRBRBR NAM-BRBRBR NAM-BRBRBR NAM-BRBRBRBR NAM-BRBRBR NAM-BRBRBRBR NAM-BRBRBR NAM-BRBRBR NAM-BRBR NAM-BRBR NAM-BRBR NAM-BRBR NAM-BR NAM-BRBR NAM-BRBR NAM-BR NA	O1 - Inconclusive	CA comments: Physitism can be part of an anaphylactic per exection, although it is usually associated with other signs, and the time to onset is rather long here (7 houst). Therefore, the roles of the vaccines are O1 (incorclusive) assessed.
NOBIVAC L4	FR-ANMY-15 ANMY 01969	France	Animal	Canine/dog	8 Year(s)	15/10/2015	04/12/2015	1	1	18/10/2015	Not Known	Peeling skin, tching, Pyoderma	Not Known	In the frame of a revaccination protocol, NOBINACL I was a diministered to an 8-years-old female log Three days after the vaccination, prurities at dog's back was observed along with kids preling. Additionally, superficial proderma was diagnosed. Although treated with shampoos, those signs worsened: thus oral treatment by cephalexin was started. Reason for treatment: Vaccination	Cavalier King Charles Spaniel	11	NOBIVAC L4 - N/A,N/A,N/A ,N/A,orset time: 3 days (15/10/2015- N/A/-BR>-BR>	O1 - Inconclusive	A comments: Prutitus is a well-known AE relevant to the injection of a vocice and other similar reports referred that to NOBIVAC LA Moreover, skin peeling could have been due to a local hypersensitivity reaction to the injection or to the scratching of that exacting area. The susperical prodems could have been caused by unexpected infection and/or triggered by the scratching. Finally, given the three of the time to onest of those signs, other possible causes: cannot registly excluded. Thus there loed NOBIVAC L4 is assessed O1 (ABON-system: inconclusive).
NOBIVAC L4	FR-ANMV-15 ANMV 02027	France	Animal	Canine/dog	11 Year(s)	16/11/2015	15/12/2015	1	1 (17/11/2015		Injection site hair loss/Prostration,Scale,Apathy,Inject on site infection	Not ii Known	16/11/2015: vaccination of the dog with NOBIVAC CHP (annual booster), and NOBIVAC Lift (First enjection). 24 hours later, the dog displayed a systemic reaction (spathy, prostration during 24th), and a local reaction pursured discharge at lepticon site (biarred by the owner and the evit hos saw the dis memergency), injection site hair loss with scalar. 3 days after vaccrustion, the dog was administered armbiotics (amount/indevalue) and call of an artiparastrictice (forcolater), to 19/17/2015 the dog had recovered, except for injection site hair loss and scales, still present. Reason for treatment: Vaccination Outcome of SAR: Favorable	Not Applicable	5.7	NOBIVAC CHP - N/A,N/A,N/A,N/A,1 dose; onset time: 24h [16/11/2015- N/A)GBRBRR-NOBIVAC L4 - N/A,N/A,N/A,1 dose; onset time: 24h (16/11/2015- N/A)-BR~-BR>	B - Possible	CA comments: Systemic signs and their time to oncet are compatible with a post-vaccinal reaction, injection site infection is a possible complication of vaccination: a sterile abscess (smally due to a reaction to the adjuvant) or a septic abscession (accidental introduction of germs during injection) may develop. As two vaccines were injection any develop, as two vaccines were injection any develop. As two vaccines were injection to remove the reliance and the or to the investment of the control of the investment of the control of the investment of the investment of the investment of the investment of the investment of investment of investm

NOBIVAC L4	FR-ANMV-15 CPVL 00048	France	Animal	Canine/dog	5.5 Year(s)	12/01/2015	12/01/2015	1	1 0	12/01/2015	Yes, <br R> Yes</br 	Diarrhoea,Bloody diarrhoea,Muscle tremor,Hypothermia,Apathy,Pallor	No Data	TO: Birchon dog vaccinated with NOBIVAC L4 and NOBI-VAC RAGE (separate injections), T+10 minutes: it displayed muscle tremor, apathy, pallor (of pinnes), diarrhora (fincted with blood), slight hypothermia. Normal cardiac rightm, no evidence of hypothermia. Normal cardiac rightm, no evidence of hypothermia. Normal cardiac voters vaccination with NOBIVAC L4 occured without incident. Duration of reaction: ? Reason for treatment: annual booster Outcome of SARI: Unknown		Not Known	NOBI-VAC RAGE - N/A,N/A,N/A, N/A,1 dose; duration: Once; onset time: 10 minutes (12/01/2015- N/A)+GRGR-NOBIVAC 14 N/A,N/A,N/A, N/A,1 dose; duration: Once; onset time: 10 minutes (12/01/2015-N/A)+GR->GR>	B - Possible	CA comments: Clinical signs are consistent with type I hypersensitivity reaction to the vaccine, and time to owned is suggestive. Yagin inables is also to consider (but blood in stools is uncommon with respect to the stater mechanism of neaction). Respective role of each vaccine is difficult to determine. NORVAC Lid and follow-Vic DRG are each in positive classified, and follow-Vic DRG are each in positive classified, cardiocirculatory disturbance).
NOBIVAC L4	FR-ANMV-15 CPVL 01338	France	Animal	Canine/dog	6 Month(s)	31/08/2015	24/09/2015	1 1	1	31/08/2015	Yes, BR>BR>K BR>KBR>KBR>Yes, KBR>KBR>K BR>KBR>KBR>KBR>KBR>K BR>KBR>Yes	Facial oedema, Apathy	No Data	DO: Chihashua dog vaccinated with EURICAN CHP and NOBINAC. LA. Also administrated with NEXGARD IN MCCOMPRINE A CROQUER POLICE HISS 2 - 4.8 (N. Deci as I previous injection of YCHP vaccine (different vaccine, but not reported on dog vaccination leafler), associated with DOI.THENE administration, "allegric signs" (NOS) had been displayed. Within less than 1 hour, it displayed apathy, associated with facial oedema. Follow-up: With rare (soli-medrol 20mg - fluid therapy) signs recovered within Bours. 2D: aiminal Ox Duration of reactions: Rosurs Reson for treatment. Preventive Treatment of SAR: methylpredissolone 20mg fluid therapy Investigations: none Outcome of SAR: Favorable	Chihuahua	2.2	EURICAN CHP - N/A,N/A,N/A,N/A,1 dose, daration - once, onset time: < 1 hour (31/08/2015- N/A)-RBP-GRN-NEXGARD 11 MG COMPRIMES A GROQUER POUR CHERNS 2 - 4 KG - N/A,N/A,N/A N/A,1 tablet; duration: once; onset time: < 1 hour (31/08/2015- N/A)-RBP-GRN-NGBN/CL 14- N/A/N/A/N,A/N/A,1/A,1 dose; duration: once; onset time: < 1 hour 1,1 //RB/D/11-K,N/A,RBP-RBP-	B - Possible	CA comments: Clinical signs are consistent with hypersensibility reaction, quickly after vaccination, and time to onset is in line with reported cases (according to literature, 1915 occurs within a few minutes to one hour, but most reported cases are within 6 hours). Both vacciers are B-possible evaluated, Eyelid cedema has been also reported with MCXARD in odgs and may indicate hypersensibility spocess, and there is a time association. The groduct contains the alramas accepient: adverse reaction to excipent is stop plausible. NEXGARD is B-possible reactions to a scape as exception: adverse reaction to excipent is also plausible. NEXGARD is B-possible
	FR-ANMV-15 CPVL 01550		Animal	Canine/dog		15/10/2015	21/10/2015	1 1			R> Yes	Injection site necrosis, injection site serosanguinous discharge, Injection site mass		Do. dog (Chhuahua) vaccinated first injection of primary course) with PREUNODOG (left shoulder) and NOBINUE L. (left files). De morning: displayed injection site mass, on left shoulder D4 evening: necrosis on the top on the mass, with sero-haemorrhagic discharged. Reason for treatment. Preventive Treatment of SAR: Local treatment. Outcome of SAR: Unknown	Chihuahua	1.5	NOBINAC L4 - N/A,N/A,N/A,N/A 1 inject; duration: Once; onset time: 4 days (15/10/2015- N/A) <brbr-pneumodog (15="" -="" 10="" 2015-n="" 4="" a)<br="" a,="" a,1="" a,n="" days="" duration:="" inject.;="" n="" once;="" onset="" time:="">></brbr-pneumodog>	O - Unclassifiable/unassessa ble	CA comments: There is strong time and anatomical connection with PNUMDODGs injection. Local reaction is consistent with inflammatory reaction to adjuvanted inactivated component of the vaccine. Similar cases are registered with various vaccines, including PNEUMODGS. PNEUMODGS is A probable classified. Insplict of compatible chronology, site of reaction makes poorly probable the role of NOBIVAC 14.6 (I-suchassified.)
NOBIVAC L4	FR-ANMV-15 CPVL 01616	France	Animal	Canine/dog	4 Month(s)	31/10/2015	02/11/2015	1 1	1 0	01/11/2015	Yes	Diarrhoea, Hyperthermia, Apathy	No Data	DO. Australian Shepherd Dog vaccinated with NOBIVAC L4. No concurrent medication or vaccine. D1: disapleed hyperframa [38-3*C], diarrhoea, apathy Investigations: blood work-up (not otherwise specified): no anomaly	t Australian Shepherd Dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: < 24 hours (31/10/2015- N/A) 	B - Possible	CA comments: Hyperthermia and apathy are consistent with a systemic reaction to a vaccine, and there is plausible time association. Diarrhoea is uncommon and may have multiple causes in a young dog (e.g food, parasitism). Relationship with NOBIVAC Ld is B-possible classified.
NOBIVAC L4	FR-ANNY-15 CPVL 01769	France	Animal	Canine/dog	Not Known	17/11/2015	18/01/2016	1 :	1 1	17/11/2015	Yes	Epileptic fft,Impaired consciousness,Weight loss,Inappropriate defectation,Ataxia,Death by euthanasia Jinappropriate urination	No Data	To a French Bulldog was vaccinated with NOBINAC L4 (first injection with this vaccine): T-30 min: it displayed one convolusive fil. Three other fils were observed over a few hours. Symptomatic therapy (phenobathtal, bromide): T-481: complete recovery, no more fits had occured Written follow up: Det. After progressive Phenobathtal/bromide, decread dose, escalationS; new crisis. Retratement. 27: in spite of increased dose of Phenobathtal/bromide, daily crisis, ataxia, inappropriate defectation and unination, weight loss. D2: Hospitalization because increasingly frequent crises and taxis, inappropriate defectation and unination, weight loss. Inefficacy of PEXDIX, then PEXDIX and DECMERSION. D1X: wonering with imagenet decreasing and multiple epiletic fils. Newtows Complementary exams refused by owner. Decision of exultansias. No necropic examination Duration of reaction: 438 filses floated for texture results are foreign for executive. 438 filses from the control of existing and provided for executive. 438 filses from the control of existing and provided for executive. 438 filses floated demandary normal glucioss, 8UM, creatifile, total particle, albumin, globalis, A17, 50° Outcome of SAI: Unfavorable	French Bulldog	13.6	NOBINZC 14 - N/A/NA/N/A/N/A dose, duration / noce, priest time: - 30 min (17/11/2015-N/A)-BR>-dBR>	O.I Inconclusive	La comments: There is apparent time connection. In such a short time frame, hypenensitivity reaction could be suspected. Severe type I hypenensitivity reaction may include seturuse. However, no evidence of more hypical signs in this day (e.g. coedems, dyapprose, vomiting.). Fellappies of sign over the day is also unusual in human, cohort studies have failed to show a relationship between vacaritorisms and sentures—except febrile sectores (Epilepy) and assistances—except febrile sectores (Epilepy) and assistances—except febrile sectores (Epilepy) and assistances—except febrile sectores (Epilepy) and sectores (Epil
	FR-ANMV-16 ANMV 00060		Animal	Canine/dog	.25 Year(s)	28/12/2015	08/02/2016	1		28/12/2015		Anaphylaxis, Wheal Erythema (for urticaria see Immune SOC),Quincke's oedema	Not Known	On 28/12/2015, a dog (3 m-o French Bulldog) waccinated with NOBINVL E.4. Within 3 hours, the dog diaphyee Quincis codema, wheals and entythema on the head and on the belty. Treatment with SOLUMEDROL, Desamethasone and Infusion of Naci O.9%, Recovery within 8-9 hours. Duration of reaction: 8-9 hours. Reason for treatment: Vaccination Outcome of SAR: Favorable	French Bulldog	5.75	NoBINZA (1 - N/A,N/A,N/A) ,N/A,duration: once; onset time: 3 hours (28/12/2015-N/A)	B - Possible	CA comments: Troubles are compatible with an anaphylatic: bye reaction to succination. Other similar cases are registered, as with other vaccines. Usually, such type reactions occur within a few minutes to one hour after injection, but time to onset minutes to one hour after injection, but time to onset the animal was vaccinated with NOBIVAC CHPPI/LB with An ADSBAOL, but his batch matches with NOBIVAC LB Tenefore, considering the doubt concerning the true vaccine, the role of NOBIVAC Ls assessed is (possible) F-up: 08 Feb 2016.
NOBIVAC L4	FR-ANMV-16 ANMV 00239	France	Animal	Canine/dog	4 Month(s)	02/02/2016	04/03/2016	1	1 0	02/02/2016	R> Not	Anaphylaxis, Pruritus, Eyelid oedema, Quincke's oedema, Anal oedema, Oral oedema	Not Known	On 02/07/2016, a dog (4 m- o blar pel) vaccinated with RABIGEN MOND, CANIGEN CHPP in and NOBWAC L4. About 8 bruss tate, the animal displayed Quince's oderina, facile oderina, eyelid oedema, anal oedema and facile prurtus. Treatment with DEXADRESON and HISTACALANINE. Recovery within 2 hours. Follow up 04/03/2016: case reclaimed as a non-serious by the MCA following Virbac's comment. Duration of reaction: 2 Hours Reason for treatment: Vaccination Outcome of SAR: Favorable	Shar Pei	12.75	CANICER CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,Dose, duration: 2nd injection; onest time: 8 Hours (02/02/2016-N/A)-RBB-CRR-NOBINAC L4 - N/A,N/A,N/A,N/A,1 Dose, duration: 2nd injection; onset time: 8 Hours (02/02/2016-N/A)-CRR-ARBICEN MONO - N/A,N/A,N/A,N/A,1 Dose; duration: once; onset time: 8 hours (02/02/2016-N/A)-CRR-ARBICEN MONO - N/A,N/A,N/A,N/A,Dose; duration: once; onset time: 8 hours (02/02/2016-N/A)-CBR-CBR>	B - Possible	CA comments: Time to onset and reported clinical spins are compatible with an anaphysic tic-ty-tye reaction. Such hypersensitivity are well-known possible side effect of all vaccines. As all three products were administered concomitantly, it is not possible to distinguish their respective effect. Therefore, the role of RABIGEN MONO, CANIGEN CHIPPI and NOBIVAC L4 is assessed: 8 (Possible).
NOBIVAC L4	FR-ANMV-16 ANMV 00301	France	Animal	Canine/dog	Not Known	08/02/2016	10/02/2016	1	1 0	08/02/2016	Not Known, BR > BR>BR> Not Known	Quincke's oedema	Not Known	On 08/03/2015, a dog (bleris in husly) vaccinated with NOBINAC L4 and NOBINAC CHPPI second injection of primary vaccination. (First injections performed on 08/03/2016 with VERSICAR PLUS L4 and VERSICAR PLUS L4 the animal displayed Quanche's obediens. Treatment with SOLUMETROL and infusion of Ringer lactate, Recovery within 8 hours. Reason for treatment: Vaccination Outcome of SMR: Pavorable	Siberian Husky	7.5	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 2nd injection; onset time: 1 hour (08/02/2016- N/A) <8R>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 2nd injection; onset time: 1 hour (08/02/2016-N/A) <8R>	B - Possible	CA comments: The reported signs and time to onset are compatible with an anaphylactic-type reaction, which is a well-known possible adverse effect of vaccines. As both vaccines were injected simultaneously, it is not possible to distinguish their simultaneously, it is not possible to distinguish their respective roles: each one is 8 (possible) assessed.

NOBIVAC L4	FR-ANMV-16 ANMV 00511	France	Animal	Canine/dog	Not Known	08/03/2016	08/03/2016	1 1	0	08/03/2016	Not Known, Not Known, Not Known, Not Known	Hypotension.Loss of consciousness.Anaphylotic shock.Anaphylactic-type reaction.Urine leakage	Not Known	An Australian shepherd dag was vaccinated with EuRICAN CHP92, PNEUIMODOG and NOBINAC LE-5 minutes after the injection the dog experienced phypotension, loss of urine, loss of consciousness and anaphylactic shock. The treatment consisted of NaCl solution perfusion, GS, and Solumedrol 120mg.	Australian Shepherd Dog	7.5	EURICAN CHP92 - N/A,N/A/N/A N/A,1 dose; duration: Once; onset time: 5 Minutes (08/03/2016- N/A)-RBP-CBR-NOBINAC L4 - N/AN,N/A/N,A/1 A/1,1 dose; duration: Once; onset time: 5 Minutes (08/03/2016- N/A)-RBP-CBR-PNEUMODOG - N/A)-RBP-CBR-PNEUMODOG - N/A/NA/N/A,1 dose; duration: once; onset time: 5 Minutes (08/03/2016-N/A)-GBR-CBR>	B - Possible	CA comments: Time to onset and reported clinical sings are compatible with an anaphylicit-chype reaction. Such hypersensithinky are well-known possible side effect of all vaccines. As all three products were administered concomitantly, it is not considered to the concomitantly, it is not possible to distinguish their respective effect. Therefore, the roles of EURICAN CHPPI2, PREUMODGO and NOBIVAC L4 are assessed: B (Possible).
	FR-ANMV-16 ANMV 00551	France	Animal	,,,,		04/03/2016	04/04/2016	1 1		04/03/2016	Not Known	Diarrhoea, Vomiting, Inappetence, Pr ostration, Apathy	Not Known	On 04/03/2016, a dog (pixtly succinated with NOBINAC L4. The same day (precise time to onset unknown as the owner has been absert after vaccination, if he animal was found way quasthect. It displayed prostration, womiting and diarrhose. The apathy and anorexis lasted some days before complete recovery. The vet reported that it is the first time that he noticed such reaction after having used this vaccine more than 100 times within the last 6 montls. Follow-up 4 apr 2016: case upgraded to serious. Duration of reaction: 2 weeks Reason for treatment: Vaccination Outcome of SAR: Paparable	Not Applicable	4.8	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 dose; duration: once; (04/03/2016- N/A) BR> 	A - Probable	CA comments: The clinical signs are consistent with a post-vaccinal reaction, and there is plausible time association. Vomiting and diarrhoea may have multiple cause, but the animal was in good health before vaccination. Similar cases are already reported with this product. Therefore, the role of NOBIVAC L4 is assessed A forobabile!
NOBIVAC L4	FR-ANMV-16 ANMV 00698	France	Animal	Canine/dog	Not Known	01/04/2016	06/04/2016	1 1	0	01/04/2016	Not Known, Known, Known, SRX-GR> Not Known, Known, SRS-SR> Not Known	Oedema of the extremities (see also other SOC for most applicable oedema), Swollen face (see also 'Skin')	Not Known	01/04/2016: one hour after vaccination with NOBINAC CHPP), NOBINAC L4 (3rd injection of primary vaccination) and administration of Effizity TSL2, 8M/Q/20 Mb, the puppy displayed swollen face (eyes, cheeks, lap) and extremities. Teatment with methylprednisolone 15 mg MA and monitoring during 3 hours, then discharged. The next morning, the owner told the vet the swelling had disappeared. Duration of reaction: Few hours Reason for treatment: Primo vaccination Outcome of SAR: Favorabl	Coton de Tuléar	2.4	EFFITIX 28, MG/240 MG SOLUTION POUR SPOT-ON FOUR TRES-FEITS CHEENS-N/AN/AN/A, N/A, 1 dose; duration: once; onset time: 1 flour (0.1/04/2016-N/A), 8B7-8BR-ND8IVAC CHPPI-N/AN/AN/AN/A, 1 dose; duration: once; onset time: 1 flour (0.1/04/2016-N/A), 8B7-8BR-ND8IVAC L4PI-N/AN/AN/AN/A, 1 dose; duration: once; onset time: 1 flour (0.1/04/2016-N/A), 8B7-8BR-ND8IVAC L4-N/AN/AN/AN/A, 1 dose; duration: once; onset time: 1 flour (0.1/04/2016-N/A)	B - Possible	CA comments: Facial swelling and its short time to onset are compatible with an anaphylactic-type reaction. The oedema of the extremities is unusual for such reaction. Succines are well income possible causes of anaphylactic-type reactions, whereas figural is nor as sociated with local intolerance/allergy, which is not reported here. Therefore, the note of NGIUNC CIPPS, NGIUNC L4 are B (possible) assessed, and the role of EFRTIX 26,8 MG/240 MG is O1 (inconclusive) assessed
	FR-ANMV-16 ANMV 00735	France	Animal	Canine/dog	10 Year(s)	09/04/2016	12/04/2016	1 1	0	10/04/2016	Not Known	Injection site swelling	Not Known	On 09(94/2016, a dog (Argenthian Mastiff) vaccinated with NOBIVAC L4. The day after, the animal displayed a large swelling (around 30 cm) at the neck. Rectal temperature : 39°C Recovery on 12/04/2016 Reason for treatment: Vaccination	Dogo Argentino	49.3	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 m; duration: once; onset time: <= 24 Hours (90/d/2016- N/A) 	A - Probable	CA comments: The nature and location of the sign and the time to onset are compatible with a reaction to the vaccine. Transient oedema at injection site is a well-known side effect of NOBIVAC L4, documented in the SPC. In this case the large size of the swelling is a bit unexpected but could be linked with a particular sensitivity of the dog. The role of NOBIVAC L4 is assessed: A (probable)
NOBIVAC L4	FR-ANMV-16 ANMV 00774	France	Animal	Canine/dog	Not Known	13/04/2016	19/04/2016	2 1	0	13/04/2016		Bradycardia, Pale mucous membrane, Dyspnoea, Malaise, Anap hylactic shock	Not Known	On 13 April 2016, a female pregnant dog was vaccinated with EURICAN CHPP2 and NOBINAC L4. Ther 30 minutes later the dog experienced malaise, dypnes, severe bradycardia, garylysh mucous membranes and anaphylactic shock. Such reaction was treated with fluid therapy and injection (IV) of Solumedroi AD. The AE lasted for 2 hours. No more information available. Reason for treatment: Annual vaccination	n, Miniature Poodle	Not Known	EURICAN CHPPI2-L - N/A,N/A,N/A, N/A,1 dose; duration: once; onset time: 30 minutes (13/04/2016- N/A)-BRBR-NOBIVAC L4 - N/A,N/A,N/A, N/A,1 dose; duration: once; onset time: 30 minutes (13/04/2016-N/A) >BR>	B - Possible	CA comments: Signs described, time to onset, therapy provided are fully compatible with the vaccination. Case among other likely other ones. At the two products were administered simultaneously, it is not possible to straight identify their respective role: thus EURICAN CHPP2L and NOBIVAC L4 are both assessed B (possible).
	FR-ANMV-16 ANMV 00910	France	Animal	Canine/dog	8 Year(s)	17/12/2015	15/05/2016	1 1	o	18/12/2015	Not Known, >BR >BR >BR Not Known	Injection site sarcoma, injection site mass	Not Known	On 17/12/2015, a fog (§ y- o French Bulliogi vaccinated with NOBIVAC L4 and CANICEN CIPP. One day later the animal englosphed tump between the shoulder at injection size. On 900/12/015, at the timp of booster vaccination with NOBIVAC L4, the lump was still present. Despite treatment with PREVICO) the lump size increase up to 12 cm on 27/02/02/05. Surgical removal. Histologic analysis revealed myworlde sarcome (grade III) On 15/05/2016, the cicatrization is still ongoing.	French Bulldog e K,	3 19.5	CANICEN CHEPT - NA,AN,AN,AN,AN,AN,AN,AN,AN,AN,AN,AN,AN,A	O - Unclassifiable/unassessa ble	CA comments: Injection site associated Phocosaroms is well described in cits, and has been reported with vaccines and various injectable frangs fee Jong acting parriods]. This condition has also been described in dops, albeit rarely ("Tibrosarcoms at presumed sites of injection in dogs, characteristics and ecomparison with non-vaccinations site fibrosarcoms and feline obst-vaccinal fibrosarcoms." Journal of Veterinary Medicine Series A. 2003;50(6) 286-291, in the present case, time to oner flow months after fibr injections) is short but compatible for induction of a tumoural process in comparison with fibrosarcoms in cast (3 months to 10 years). No similar case reported with these products. Chem the available data, no clear conclusion can be drawn. Therefore the role of both product is assessed () (Inclassified)
	FR-ANMV-16 ANMV 01299	France	Animal	Canine/dog		04/07/2016	11/07/2016	1 1	0	07/07/2016	Not Known, BR>BR Not Known, >BR > Not Known	Emesis (multiple)	Not Known	07/07/2016: 3 hours after administration of DOLPAC 10, the dog started vomiting (flood first, then blible) He womited a found 7 times during the evening. On the next day at noon no symptoms anymore during consultation, and no anomaly during examination (thus, no conglementary examination was considered today). The veterinarian prescribed a phytothereby ryugo and antiackios, Note : The owners noticed no lethargy or fatigue in the days following the vaccination with NOBIVAC CHP and NOBIVAC 14 which occurred on 04/07/2016.	Crossbred	6	DOIDRA CID - NI/ANI/ANI/A NI/AL tablet - evening duration: once; onset time: Within 3 Hours (D7/07/2016 - NI/ANI/ANI/AL NI/A)RBN-BRN-BORIVAC CHP - NI/ANI/ANI/ANI/AL dose; duration: once; onset time: 4 Days (04/07/2016-NI/ANI/AL NI/ANI/ANI/ANI/AL dose; duration: once; onset time: 4 Days (04/07/2016-NI/ANI/AL Once; onset time: 4 Days (04/07/2016-NI/ANI/AL Once; onset time: 4 Days (04/07/2016-NI/ANI/AL ONCE; onset time: 4 Days (04/07/2016-NI/ANI)	N - Unlikely	CA comments: The reported signs and chronology are compatible with a role of ORUPAE, D. and poorly compatible with a role of DRI-PAE, D. and poorly compatible with a role of the succines. therefore, beyond reasonable dout, the role of ORUPAE OID IA (probable) assessed, and the roles of MOBIVAC CIP and NOBIVAC L4 are N (unlikely) assessed.
NOBIVAC L4	FR-ANMV-16 ANMV 01382	France	Animal	Canine/dog	12 Year(s)	05/07/2016	22/07/2016	1 1	0	12/07/2016	Not Known,
 Not Known</br 	Injection site abscess,Injection site mass	Not Known	12/07/2016: one week after uscination with NOBINGL II and EURICAN CHPPI2 [ligicated separate), not mixed in the same syringe], the dog developped an inortant inflammatory mass at injection site, which quickly evolved into a large abscess, necessitating a surgical procedure and oral antibiotherapy. The vet thinks NOBINAC L4 is responsible for this reaction, since "L4 vaccines have the reputation to cause important inflammatory reactions".	Other Canine/dog	8.5	EURICAN CHPPI2 - N/A,N/A,N/A N/A,1 dose; duration: once; onset time: 1 week (05/07/2016- N/A)cBR>-BR>NOBIVAC L4 - N/A,N/A,N/A, N/A,1 dose; duration: once; onset time: 1 Week (05/07/2016-N/A)cBR>-BR>	B - Possible	CA comments: Vaccination may cause local inflammation which may evolve towards abscess, either septic absecess in case of contamination during injection, or sterile abscess mainly due to adjuvants. As the vaccines were injected simultaneously in the same area, each one is B (possible) assessed.
NOBIVAC L4	FR-ANIMV-16 ANIMV 01506	France	Animal	Canine/dog	3 Month(s)	11/08/2016	11/08/2016	1 1	0	11/08/2016	Not Known, SR> Not Known, >BR > >KBR>	Facial oedema, Anaphylactic type reaction	Not Known	On 11.082/2016, a puppy (3 m- o Boston Terrier) was succinated with NOBIVAC L4, NOBIVAC CHPP an NOBIVAC KE, Dan Injections of primovaccination, the first injection was made with versican Plus Phypip/L4 a month ago). About 1 hour later, the animal displayed a facial oedema probably due to an anaphylactic-type reaction, Treatment with corticoids.	d Boston Terrier	3.4	NOBIVAC CHPP1 - N/A,N/A,N/A ,N/A,duration: once; ornest time: 1 h [11/08/2016 ,N/A)=BB>=BR-NOBIVAC KC - N/A,N/A,N/A,N/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,N/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M/A,M	B - Possible	CA comments: Clinical signs are consistent with type: hyperesultably reaction to the vaccine, and there is reasonable time association. Such reactions are commonly reported with various succine. To our knowledge, hyperentialityly reaction has been very rarely reported with intransal vaccine (between used alone). However, as a sail three products were administered concentrality, it is not possible to distinguish their respective effect. Therefore, the role of NOBIVAC CERPS. NOBIVAC L4 and NOBIVAC Kc is assessed: B (Possible).

NOBIVAC L4	FR-ANMV-16 ANMV 01550	France	Animal	Canine/dog	3 Month(s)	11/03/2016	29/08/2010	5 1	1 0	11/03/2016	Not Known, BR >BR>BR>BR> Not Known	Diarrhoea, Apathy	Not Known	11/03/2016: vaccination with NOBIVAC L4 and NOBIVAC CHPPI. On the same day (exact time to orse not specifelly, the puppy displayed liquid diarrhoea and apathy. Symptomatic treatment and recovery within 48 hours. Duration of reaction: 48 Hours Reason for treatment: Vaccination Outcome of SAR Unknown	t Shiba Inu	5.2	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: once; (11/03/2016- N/A)k-BR>-BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; onset time: <12h (11/03/2016- N/A)k-BR>-BR>	B - Possible	CA comments: The reported signs and time to onset are compatible with a post vaccinal reaction. As two vaccines were administered simultaneously, it is not possible to distinguish their respective roles: each one is B (possible) assessed.
	FR-ANMV-16 ANMV 01603	France	Animal	Canine/dog	2.5 Month(s)	05/09/2016	05/09/2010	1	1 0	05/09/2016	Not Known,
 Not Known</br 	Eye redness, Itching, Facial oedema, Quincke's oedema	Not Known	A 25-month-old Australian Stephend dog was injected 5C one dose EURICAN CHPP2 (powder L43106 esp. 11/2017 and solvant L431272 esp. 12/2017) in the left tigh and one does NOBINAC is in the right tigh on OS/09/2016 (second injection of primary course). Thirty minutes later the odg displayed Quincke's codema, facial codema, redness of eyes, mouth and body with fixty patches. Treatment with methylgeredisolone IM. The reaction lated 1 hour and 5-minutes. Outcome is ongoing. The veterinarian thinks that the dog has had an allergic reaction to the vaccines.	7 Australian Shepherd Dog	7.7	EURICAN CHPPI2 - N/A,N/A,N/A ,N/A,1 dose; duration: once; onset time: 30 min (05/09/2016- N/A)cBR>-CBR>NOBIVAC L4 - N/A,N/A,N/A,1 dose; duration: once; onset time: 30 min (05/09/2016-N/A)cBR>-CBR>	B - Possible	CA comments: The reported clinical signs are well known possible adverse effects of vaccines and their time to onset are compatible with an anaphylactic- type reaction. As both vaccines have been administered simultaneously, it is not possible to distinguish their respective roles. The role of each one is considered B-possible.
	FR-ANMV-16 ANMV 02115	France	Animal	Canine/dog	4 Month(s)	11/10/2016	21/11/2010	1	1 0	11/10/2016	Not Known,
 >CBR Not Known</br 	Injection site pain,Injection site mass	Not Known	A 4 month-old Chihuahua dog was vaccinated with EURICAN CHPPIZ (second injection, primovaccination old, PPIG) and NOBIVAC, If light injection, primovaccination old, and 13/10/2016. A few hours later, the puppy displayed hot and painful mass at the injection site. Recovery within 3 days without treatment. Duration of reaction: 3 days	Chihuahua	1	N/A,1 dose; duration: once; onset time: a few hours (11/10/2016-N/A)RBN-2BR-NOBIVAC L4 - N/A,N/A,N/A,1 dose; duration: once; onset time: a few hours (11/10/2016-N/A)RBN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-	B - Possible	CA comments: The time to onset and nature of the reported signs as trongly suggestive of post vaccinal reactions. Injection site reactions are very common effects of the vaccines EURICAM CHPPI2 and NOBINACLA, as documented in their SPC. As both vaccines have been administered simultaneously, it is not possible to distinguish their respective roles. The role of each one is considered 8-possible.
	FR-ANMV-16 ANMV 02169	France	Animal	Canine/dog	1 Year(s)	04/11/2016	24/11/2010	5 1	1 0	16/11/2016	Not Known, BR >BR>BR>BR> Not Known	Thrombocytopenia	Not Known	On 04/11/2016, a dog (1,5 y o 5 kh) Tzu) vaccinated with NOBIVAC (1Pt and NOBIVAC L4. Twelve days after vaccination, the animal displayed severe thromobocyonesi. The attending vet supected autoimmune reaction as following the primovaccination with the same vaccine on 30/09/2015 and 07/11/2015, the animal already displayed the same disorder on 30/09/2015 when she was in heat . Th serologies for elvrlichia and anaplasma were negative. The animal recovered.	Shih Tzu	Not Known	NOBINAC CHP - N/A,N/A,N/A, N/A,Onset time: 12 days (04/11/2016- N/A)-BRBR-NOBINAC L4 - N/A,N/A,N/A,N/A,Onset time: 12 days (04/11/2016-N/A)-BR> 	B - Possible	CA comments: Time to onset, although a little bit long for the first reaction, and recurrence of thrombocytopenia are suggestive of a possible role of MORBIVAC CHI and MORBIVAC LA. Thrombocytopenia may be the result of immure mediated disease as a consequence of the vaccination. Newere, many other causes exist that camnot be ruled out in absence of further investigation. Therefore the role of MORBIVAC CHI and MORBIVAC L4 is assessed 8 (mossible)
NOBIVAC L4	FR-ANNIV-16 ANNIV 02218	France	Animal	Canine/dog	10 Year(s)	24/11/2016	01/12/201	1	1 0	28/11/2016	Not Known, BR>SB >SBR>SBR>BR>Not Known, SBR >CBR>SR>SBR NOT KNOWN, SBR>SBR NOT KNOWN	Injection site abscess, Elevated renal parameters, Septicaemia, Leucocyto sis	Not Known	On 24-NOV-2016, a 10 years old dog was vaccinated with RABISIN, NOBIVAC CHPIR, NOBIVAC L4. After 4 days, the dog displayed aboxes at injection site and septicamen like 1 house later. Increase of urea and creatine, and leucocytosis. At the time of reporting (on 01-DEC-2018), the outcome is ongoing.	Crossbred	15	NOBINZC EHPPI - NI/AN/AN/A NI/Anomet time : days (24/11/2015- NI/A)=BB-GB-NOBINZC L4 - days (24/11/2015- NI/A)=BB-GB-RABISIN - NI/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/	B - Possible	CA comments: Local reaction casining absess at the injection site is an eith-inown adverse effect of vaccines that may appear. The vaccines may have caused a local information, which could have flavored the proliferation of bacteria introduced during the injection. Septicemia and associated symptoms observed (increase of urea, creatinine and laccoptosis) are the confination of the absess development. Since the 3 vaccines were used at the same time, it is not possible to determine which one is at the origin of the neaction, For this reason, the residenchips between each vaccine and the symptoms observed is assessed 8 (possible).
	FR-ANMV-16 ANMV 02251	France	Animal		4 Month(s)	03/12/2016	06/12/2010	5 1	1 0	03/12/2016	Not Known,
 Not Known</br 	Emesis (multiple),Facial oedema	Not Known	For booster of primovaccination a 4-month-old Beauce Sheep dog was vaccinated with NOBIVAC List and NOBINAC List and NOBIVAC List books last the pupuly ownlinds several times and displayed fact oedema without affecting the general condition. Absence of hypotension or associated cardiovascula disorders. Treatment with deaamethasone injection, hazariac (ranitidini) and Emeprid (metoclopramid Recovery one hour later. Duration of reaction: 1 hour	al Dog ir (Beauceron)).		NOBIVAC CHP - N/A,N/A,N/A,N/A,1 dose; duration: once; onset time: 2 hours (03/12/2016- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; onset time: 2 hours (03/12/2016-N/ALBR>-BR>		CA comments: Well known possible adverse reaction with vaccines and compatible chronology. As both vaccines have been administered simultaneously, it is not possible to distinguish their respective roles. The role of each one is considered B-possible.
	FR-ANMV-16 ANMV 02367	France	Animal	Canine/dog	1 - 5 Year(s)		16/12/2010	5 2	1 0	16/12/2016	Known,
 Not Known,
 Not Known</br </br 	Facial swelling (see also 'Skin'),Local swelling (not application site)	Not Known	On 16/12/15, two dogs were vaccinated with NOBIVAC FAGE, NOBIVAC 14 and NOBIVAC CHPFI. Three hours tater, one animal displayed sone of swelling on the face and on the threst. Treatment with SOLUMEDROL. Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Chihuahua	3.5 - 19	NOBINAC CHPPI - N/A,N/A,N/A, N/A,1 dose; onset time: 3 h (16/12/2016 - N/B) (18 - OR - O	B - Possible	CA comments: Well known possible adverse reaction with vaccines and compatible chronology. As three vaccines have been administered simultaneously, it is no possible to distinguish their respective roles. The role of each one is considered 8-possible.
	FR-ANMV-16 CPVL 00218	France	Animal	Canine/dog	1.5 Year(s)	19/01/2016	19/02/2010	1	1 0		Yes, <b R> Yes</b 	Diarrhoea, Vomiting		DC. Australian Shepherd Dog administered with EURICAN CHEPT2 and NOBIVAC L4. Within 30 minutes it displayed infamere, 280, o, sturing the might after, once of vomiting. Compiler encovery at D. Noe the dog was re-administered with NOBIVAC L4: no information on onset of possible adverse effects.	: Australian : Shepherd Dog	26	N/A,1 dose; duration: Once, onset time: 30 minutes (19/01/2016-N/A)<8R>-BR>NOBIVAC L4 - N/A,N/A,N/A, M/A, dose; duration: Once; onset time: 30 minutes (19/01/2016-N/A)<8R> 	O1 - Inconclusive	CA comments: Vomitting and distribees may be parts of hypersensitivity reaction to a vaccine bitmulation of smooth muscles of digestive tract, associated with sucodilatation) and time to onnet is compatible with immediate hypersensitivity. However, provided no other sign indicative of hypersensitivity for facial oedens, no dyparone), pade recovery without use of glacocortical or antihistamine and the non-specificity of signs, relationship with EURICAN CEPP2-IR and NOBHYAC 14 is unclear: O1-inconclusive juestifier.
	FR-ANMV-16 CPVL 00294	France	Animal	Canine/dog		09/03/2016	21/03/2010	1	1 0		R> Yes, BR> Yes	Agitation,Facial oedema,Quincke's oedema		Labrador Retriever dig vaccinated with NOBI-VAC (CHPP), NOBINAC L4, NOBI-VAC RAGE, Note: previously vaccinated with NOBI-VAC (PPP) and NOBI-VAC RAGE from 2009 to 2015, and with NOBINAC L4 from 2014 to 2015 (hird year of vaccination in 2016). Within 2 hours, it displayed "Quincke's orders" (marked facial deelms, bit on respiratory gips), Vet also mentioned circling/agitation. Injected with dezamethasione. Next morning, still slight swelling, Uneventful recovery during daytime. Duration of reaction: 18 hours Reason for treatment: vaccination (annual booster) Treatment of SAR: DEXADRESON (Desamethasione) Investigations: none: Outcome of SAR: Favorable	Labrador Retriever	37	N/A,1 dose; duration: once; onset time: < 2 hours (90/03/2016-N/A-RAGE - N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-	B - Possible	CA comments: Clinical signs are consistent with hypersenatibility section to the vaccine. There is plausible time association (such signs usually occur within 1-2 hours; Clinicg an he linked with agitation/anxiety due to facial oedema, more than direct nervous trouble. Respective role of each component of the vaccine combination is difficult to determine. YOBI-VAC CHIPPI, YOBI VAC L4 and YOBI- VAC RAGE are each 8-possible classified.
NOBIVAC L4	FR-ANMV-16 CPVL 00295	France	Animal	Canine/dog	5 Year(s)	05/02/2016	04/07/201	5 1	1	05/02/2016	Yes, BR> Yes	Fatigue	No Data	DR. Rottweller blich vaccinated with NOBINAC CHPP and NOBINAC I.A. Same day, onset of fatigue DZ7: second injection of primary boots of NOBINAC I.A. Rotterding to owner, fatigue increased after this injection. D42: as intact female (last heat 2 months before), yet suspected metritis, but normal investigation (echopraphy, CBC, vagisal amen.) Written follow—up vet also metrinored fever beginning a D29 (treated with Amoustillin) and pseudopregnancy (treated with Cabergoline). Troubles still nogoing, Update Od/97/2016 (MMI formation): The both number corresponds to NOBINAC CH and not NOBI-VAC CHPPI. Duration of reaction: > 1 month Reason for treatment, vaccination Treatment of SAR: none Outcome of SAR: Urisnown	Rottweller	35	NOBINIZ CHP - NJANJANA, NJA.1 dose, duration noce, ornet time - 12 hours (05/02/2016- NJA)-RB-SIR-NOBINIZ L4 - NJANBAN-SIR-NOBINIZ L4 - NJANJANJAN ANAL dose, duration: once, orset time: - 12 hours (05/02/2016- NJA)-BR-SBR-	O1 - Inconclusive	CA comments: Fatigue within hours after vaccination can be indicative of a systemic reaction to the vaccine. Increase after second injection seems to focus on t valency. Proweers, such restorators are usually associated with hyperthermia or muscle pain and are of transient nature. Persistence of signs is unexpected. Such unspectfic signs may have multiple causes, which have not been investigated (except metritis). Considering poor specificity of signs and appeal cultration, here old poth vaccines (INGII-VAC CIPPT*) and NOBVAC LiPT* and NOBVAC LiPT* and NOBVAC LiPT* and NOBVAC LiPT*.

	FR-ANMV-16 CPVL 00394	France	Animal	Canine/dog	3 Year(s)	30/03/2016	04/04/2016	1	1 0	30/03/2016	R> Yes, BR> Yes	Facial swelling (see also "Skin"),Hyperthermia	No Data	Crossbeed ministure Piruscher dog administered with NOBIVAC RAGE, NOBIVAC CHPPI and NOBIVAC L.A. The same day, Unspecified exact Chronology: It displayed hyperthermia (GVC), facial swelling. Treatment with dexamethasone and chlorphenamine/hydroxysine (3 days).	Miniature Pinscher	2	NOBIVAC CHPPI - N/AN/AN/A N/A,1 dose; duration: Once; onset time: A few hours (30/03/2016- N/A\sBR8BR-NOBIVAC L4 - N/AN/AN/A, N/A,1 dose; duration: Once; onset time: A few hours (30/03/2016- N/A)+BBRBBR-NOBIVAC RAGE N/AN/AN/A, N/A,1 dose; duration: Once; onset time: A few hours (30/03/2016-NOBIVAC RAGE N/BN/BR-BBR-NOBIVAC RAGE (30/03/2016-NOBIVAC RAGE (30/03/2016-NOBIVAC RAGE)	B - Possible	CA comments: Clinical sigms occurring after injection are consistent with persensativity rescion to the vaccine. Respective role of each component of the vaccine combination is difficult to determine. YOBI- VAC CHEM, YOBI VAL L4 and NOBI-VAC RACE are each B-possible classified.
	FR-ANMV-16 CPVL 00676	France	Animal	Canine/dog	4 Year(s)	18/05/2016	02/06/2016	1	1 0	21/05/2016	Yes, BR>BR>Yes	Trachelts, Cough		DD: English Cocker Spaniel dog vaccinated with NOBINAC. L4 and NOBINAC CHPPI D3: It displayed cough, indicative of trachelits according to vet. Normal cardiorespiratory assutiation and body temperature. Prescribed with glucocorticoid. Treatment of SAR: OROMEDROL (prednisolone) 0.5 mg/kg/d	English Cocker Spaniel	17	NOBINAC CHPPI - NI/AN/AN/A N/AL dose, darbano (once, onset time: <a (18="" 05="" 2016-<br="" days="">NA/ARIS-ARR-NOBINAC La - NI/ARIS-ARR-NOBINAC La - NI/AN/AN/A M/AL dose; duration: Once, onset time: <a days<br="">(18/05/2016-N/AI-BR>-GR>-	O - Unclassifiable/unassessa a de la de la de la dela dela dela del	CA comments: According to Revalue (EPAR of another modified-fee) herainfluence avective: Version PRus Pil), shedding of parainfluence views can occur from 22 to 5 after vaccination: temporal association is plausible. In experimental challenge with CPV (for the cited vaccine), no cough was observed. In infections trachetis complex, most clinical signs observed in the field are attributed to secondary bacterial infection. No similar case was reported with DPPV vaccines. Other cause (e.g. trached collapse, or contact with infected dogs) is not ruled out. In absence of outcome info, relationship with NBDVAC CHPP is surclear, despite temporal association: OI controlled values (and object only only only only only only only only
	PR-ANMY-16 CPVL 00733	France	Animal			07/06/2016	15/06/2016	1	1 0	07/06/2016		Tachyardia, Hypotension, Vomiting, Hyporthermia, Anaphylactic-type reaction. Apathy		TO. Labrador Retriever dag was vaccinated with NOBIVAC L4 (first injection), EURICAN DAPP (VPPILISAT ET SOLVAN) POOR SUSPESSION NICECTABLE and RASIBN (nama booster dose), T-15 mir. B (displayed vomilitg, Earlycarda, hyporthermia (temperature not specified), hypothersion and apathy. Recovery within a few hours after injection of glucocordicold and antihistamine Treatment of SAR: Dexadreson (dexamethasone) Promethazine	Labrador Retriever		EURICAN DAPPI VOPHILISAT ET SOLVANT POUR SUSPENSION INICETABLE - N/AN/AN/A, N/A1 doose, duration. Fonce, moset time: 15 min (07/06/2016- N/A)-RN-GR-NOBIVAC L4 - N/AN/AN/A, N/A 1 doose, duration: Once, conset time: 15 min (07/06/2016- N/A)-RB-CBR-RABISIN - N/AN/AN/A, N/A1 doose, duration: Once, conset time: 15 min (07/06/2016- N/A)-RBN-CBR-RABISIN - N/AN/AN/AN, N/A1 doose; duration: Once onset time: 15 min (07/06/2016- N/A)-RBN-SB-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SB	B - Possible	A comments: Clinical signs and timing are consistent with anaphylactic like naction to the vaccinie. Previous injection of EURICAN CHPP2 and RABESIN may have sensible the dog, and response to supportive care (including glucocorticold and promethain) is in time with such mechanism of reaction. A vagal reaction could also cause similar sings, but is usually associated with bradycardia (although hypotension mostly results from peripheral collection). The provious control of the part of each vaccine is difficult to evaluate and NOBINICAL EURICAN CHPP2 and RABINIA resistant provious control of the provio
	PR-ANMV-16 CPVL 00782	France	Animal		1.5 Year(s)	03/02/2016	21/06/2016		1 0	11/03/2016	Not Known_BB>dBP>dBP>dBP>dBP>dBP>dBP>dBP>dBP>dBP>d	Amaurosis (see also PT impaired vision).Encephalitis, Ataxia		February 26t. Yorkshire Terrier dog vaccinated with NGBIVAC L4 and NGBIVAC C19PP. March 7th: do vaccinated with NGBIVAC L5T. the dog use lame, diagnosis of apeptin excess of reference has a few parts of the second of the secon	Terrier	1.95	N/AN/A/N/A/A/, duracion: 3 days, oract time: taylyast adm (07/03/2016 N/A)-BR-SBR-NOBINAC CHPPI-N/AN/A-N/A)-BR-SBR-NOBINAC CHPPI-N/AN/A-N/A)-A dose, duration: Once, onset time: Approx. 1 month (03/02/2016 N/A)-BR-SBR-NOBINAC L4 -N/AN/A-N/A M/A! dose, duration: 07/03/2016; onset time: 4 days/second in; (03/02/2016 N/A)-BR-SBR-NOBINAC RAGE -N/AN/A-N/A M/A! dose, duration: 07/03/2016 N/A)-BR-SBR-NOBINAC RAGE -N/AN/A-N/A M/A! dose, duration: Once, onset time: 4 days/second in; (03/02/2016 N/A)-BR-SBR-NOBINAC RAGE -N/AN/A-N/A M/A! dose, duration: Once, onset time: 4 days (07/03/2016 N/A)-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	ble	A comments: Posts-vaccinal encephalitis has been supercleaf with been Volvaccines in dogs, 1.04 weeks after vaccination: temporal association is reasonably compatible with NOB-VAC CHPP. However, improvement after glucocorticolis is not consistent with distemper-associated encephalitis. The ophthamologist vet had presumed diagnosis of nencrosting encephalitis. Improvement after glucocorticol is consistent with this condition, which has been reported in window presets flyer glucotroit oils is consistent with this condition, which has been reported in window presets flyer Vorkinite terrier, Mattee]. Aetiology of this condition is unknown, aberard minumor response to various environmental triggers is suspected ("Idopathic granulomatous and encrotising inflammatory disorders of the canine central nervous system: a veriew and future perspectives". Journal of Small Animal Practice. 2005;13(1):138-149). It is worth noting that in published cases, there is usually no history of recent vaccination. In absence of further details/ investigation, no conclusion and brawn on exact nature of encephalitis and roles of all vaccines remain O-Undostaled. Clinical signs are usually no history of recent vaccination. In absence of further demoluciam, and timing is not in line with pharmacological properties of mediculcam, and timing is not in line with pharmacological properties of mediculcam, and timing is not in line with pharmacological properties of mediculcam of signs; the role of MELODOSAC can be raised out beyond reasonable double. Note: there is no raise of the received of the control of the cont
NOBIVAC L4	FR-ANNV-16 CPVL 00855	France	Animal	Canine/dog	2 Month(s)	01/07/2016	07/07/2016	4	2 0	05/07/2016	Yes, KBR>KBR>Yes	Injection site abscess,Hyperthermia	No Data	DD: litter of 4 Siberian Husky puppies injected with NOBIVAC CHPPI and NOBIVAC L4 (by another vet). 04: 2 puppies presented with abscess at injection site (7-8 cm diameter, approximately 300 mL pus), hyperthermia (42°C).	Siberian Husky	Not Known	NOBIVAC CHPPI - N/A/N/A/N/A N/A: dose; duration: Once; onset time: < 4 days (10/7/2016- N/A/SBR>-GBR-NOBIVAC L4 N/A/A/N/A/N/A/A/A/A/A/A (01/A/A/A/A/A/A/A/A) (01/07/2016-N/A)-BBS-GBR> (01/07/2016-N/A)-BBS-GBR>	B - Possible	CA comments: There is strong time and anatomical connection with injection. Local swelling is mentioned in SPC of NOBINAC CHEPR and NOBINAC U.A, not abacess. A few similar cases have been reported with NOBINAC vacacies. Wisempresence of put and hyperthermia, septic complication is to consider (e.g. and windownship and the previous mental bacterial introduced during legisction -aseptic injection of vaccine is difficult to reach in doogs, Inflammantory reaction caused by have clavated vaccine may favour bacterial proliferation. Respective of elither vaccine is difficult to derermine: NOBINAC CHPP and NOBINAC L4 are each 8-possible classified.

	FR-ANMV-16 CPVL 00962	France	Animal	Canine/dog	2 Month(s)	22/07/2016	19/10/2016	1	1 0	23/07/2016	R> Yes	Vocalisation_Jav disorder_Disorientation_Spasm_Epile ptic fill_Reduced level of consciousness	No Data	Dot: a Yorkshire Terrier puppy was vaccinated with NOBIVAC CHPPI and NOBIVAC L4 (first Injection of primary course) D1: it displayed 2 short crisis of jav spasm, disorientation, with reduced level of consciousness. D2: One similar crisis. Son por examinated by vet during crisis but with owner description, the concluded to partial epileptic crisis. D5: no crisis since D2 Written report: Also mentioned voicalization during crisis. One month later: administration of NOBIVAC CHPPI without adverse effect 4 days after, injection of NOBIVAC L4: slight fatigue within 24 h.	Yorkshire Terrier		NOBIVAC CHPPI- N/A.N/A.N/A. N/A.1 dose; duration: Once; noset time: <a (220="" 24="" 72016-n="" 77016-="" <="" a)-bb="" a.="" a.j.="" a.n="" a:bbs-db-nobivac="" dose;="" duration:="" h="" h?="" l4-="" n="" once;="" onset="" time:="">-dBN-VBN-VBN-VBN-VBN-VBN-VBN-VBN-VBN-VBN-V	O1 - Inconclusive	CA comments: Epilegisc fit may be part of anaphylastic in dogs, but time to onset is longer than usual, and no other signs of anaphylastis et glical locetime, respiratory signs), in humans, febrile seizures have been reported in children after mesets vaccines (Paramycovins, as distemped but 7-10 days post vaccination. In dost, there is very limited data regarding post vaccinal seizures only mentioned by Dodds WI. ("Vaccinal seizures colly mentioned by Dodds WI. ("Vaccinalist portools for dogs predisposed to vaccine reactions". J Am Anim Hosp Assoc. 2001;37(3):121-121, but whotted details or references except her own previous work. In this case, partial epileptic fit may reflect metabolic disorder, (e.g. hypoglycaemia) or be first manifestation of idiopathic epileptic fit may reflect metabolic visional data of the details of the detail
	FR-ANMV-16 CPVL 00963	France	Animal	Canine/dog	Not Known	22/07/2016	27/10/2016	1	1 0		R≻⊲BR≻√BR≻Yes	Tarry or black stool (see also haemorrhagic diarrhoea). Anorexia, Weight lossy, Fatigue, Adominal discomfort, General illness, Diarrhoea	No Data	Do. a Jack Russell Terrier dog was administered with NOBIVAC CHPPI and NOBIVAC L4 Same day, it displayed fatigue, D1-D2: general lines, D3-D4: darknose Jos vet examination for popertup, slight improvement but still diarrhoea, weight loss; 6:000 gl Written report: D0: vaccination in another veerinary clinic D1: fatigue, wandering in the house. D3: had addomen, ancreas, blackish diarrhae. Blood work without anomaly. Symptomatic treatment and fluid therapy. D4: recovery, Booster dose of 14 once month later without adverse effect. Duration of reaction: 4 days. Reason for treatment. Preventive	Jack Russell Terrier		NOBINAC CHPPI - N/AN/AN/A N/A Labes, daration Once, onset time: A few hours (2/)07/2016- N/A-BRBR-NOBINAC L4 - N/AN/AN/A M/A dose; duration: Once, onset time: A few hours (22/)07/2016-N/A\-BR->BR-	O1 - Inconclusive	CA comments: General illness and depression within 24 hours following vaccination is consistent with a systemic reaction to a vaccine, but associated of digestive signs are not in line with systemic repression of a latent infection (parovivus or other virus). With available data, relationship with NOBIVAC CHPPI and NOBIVAC L4 is unclear: O1-inconclusive classified. Conclusion after withen report Rapid recovery permit to consider as poorly probable a viral infection but numerous other causes are not incled out. No similar case registered. Assessment unchanged
	FR-ANMV-16 CPVL 00965	France	Animal	Canine/dog	Not Known	27/07/2016	01/09/2016	1	1	27/07/2016	Yes, SR> Yes	Syncope, Vontiting, Swollen whap, Prostration, Eyeld oedema, Anaphylactic-type reaction, Eruption, Cutaneous oedema	No Data	To: a Jack Russell Terrier puppy was administered with NGBIVAC CHPP, NGBIVAC L4 1*5 mir. adaptived synopo, or Corticold hyjection and improvement, but progressive cutanous eruption and oedema. Still prostration. Written report : Also reported: vomiting, eyeld oedema, vulva swelling during second plasor of troubles. Complete recovery within Johns. Duration of reaction: 2 Hours Reason for treatment: Preventive Treatment of SAR: Corticoid Outcome of SAR: Unknown	Jack Russell Terrier	3.8	NOBINAC CHPPI - NI/AN/A NI/A N/A,1 dose, duration Chnec, onest time: 5 min (27/07/2016 - NI/A-IBS-GB-NOBINAC L4 - NI/A-IBS-GB-NOBINAC L4 - NI/AN/A/A) A M/A,1 dose; duration: Once; onset time: 5 min (27/07/2016-N/A)-GBR>-GBR>	B - Possible	CA comments: Clinical signs and timing are consistent with anaphylactic-like reaction to the vaccine. Response to supportive care (glucocorticoid) is in line with such mechanism of reaction. Again reaction could also cause syncopet. but cutaneous enuption and oedema are not spectocid. Regardless mechanism of reaction, the part of each vaccine is difficult to reaction, the part of each vaccine is difficult to evaluate and NOBIVAC LEPP and NOBIVAC LEP and SONBAVAC LEP are Boosbile classified. Note: as per Guidance on the use of VeDDRA terminology, the term Anaphylactic-type reaction has been added (seaction starting within a few minutes) after comissional mad accompanied by the reminutes after commissional mad accompanied by the reminutes after commissional mad accompanied by a disastenier of cultilating disturbance). No change of a laseisment after written report.
NOBIVAC L4	FR-ANMV-16 CPVL 00995	France	Animal	Canine/dog	3 Month(s)	19/07/2016	01/08/2016	1	1 0	22/07/2016	Yes	Injection site abscess, Hyperthermia, Apathy, Injection site mass	No Data t	00: Shift hzu dog-vaccinated with NOBIVAC L4. D3: If displayed injection is the mass (33 x 3 z x 2 z cm), apathy and moderate hyperthemical 30(7); D7: injection is de abscess. Note: odgs was also treated with amouscilline/clavulanic acid for rhinitis. Treatment of SAR: Amouscilline / clavulanic acid.	Shih Tzu	3	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 dose, duration; Once; onset time: 4 days (19/07/2016-N/A) - RR> BR>	A - Probable	CA comments: There is strong time and anatomical connection with hijection. Local swelling is mentioned in SPC of NOBINAC L4, not abscess. A few similar cases have been reported with NOBIAC vaccines. Septic complication is to consider (e.g. environmental bacteria introduced during injection - aspect injection of vaccine is difficult to reach in dogs). Inflammatory reaction caused by inactivated vaccine may favour bacterial proliferation. Role of NOBINAC L4 is A-probable classified.
	FR-ANMV-16 CPVL 00997	France	Animal	Canine/dog	10 Year(s)	01/07/2016	01/08/2016	1	1	12/07/2016		mass	No Data	DD. Bonder Collie dog administered with NOBIVAC LA. D.L.T. displayed injection site mass (More than A cm of diameter). Cytopunction revealed suppurative inflammation without microgranism. D.S: sign still present (second bootier was performed). Duration of eaction: > 14 days. Reason for treatment. Preventive Treatment of SAR: None. Investigations: Cytopunction: suppurative inflammation without microorganism. Outcome of SAR: Unknown	Border Collie		NOBINAC L4 - N/A,N/A,N/A, N/A,1 dose; duration: Once; onset time: 11 days (01/07/2016-N/A) - N/A-BR>- GR>	A - Probable	A comments: There is strong time and anatomical connection with hijection. Local swelling is mentioned in SPC of NOBIVAC L4, not abscess. A few similar cases have been reported with NOBINAC vaccines. Septic complication is to consider leg environmental bacteria introduced during injection – aseptic injection of vaccine is difficult to reach in dogs). Inflammatory reaction caused by inactivated vaccine may favour bacterial proliferation. Role of NOBIVAC L4 is A-probable classified.
NOBIVAC L4	FR-ANMV-16 CPVL 01128	France	Animal	Canine/dog	10 Week(s)	23/08/2016	25/08/2016	4	1	23/08/2016	Yes,GB>-GB-GB-Yes	Pale mucous membrane, Weakness, Vagal Shock	No Data	Four dogs, administered with EURICAN CIPP and NOBINAC. L4 (two separate injection sites), within 2 minutes, one shift vito odg displayed severe weakness and playe mucous membrane. Complete recovery in a few minutes after methylprednisolone injection. Duration of reaction: A few minutes. Reason for treatment: Preventive Treatment of SAR: SOLU-MEDROL IV. Investigations: None. Outcome of SAR: Favorable	Shih Tzu	2.1	EURICAN CHP - NJANJANA, NJA,1 dose, duration. Tonce, ornet time: 2 minutes (23/08/2016- NJA)-RBRB-NOSIMCA 1a - NJANJANJA Mork, di dose, duration: Once, oriset time: 2 minutes (23/08/2016-N/A)-BR>-BR>	B - Possible	CA comments: There is strong time association with vaccine injections. Clinical pattern is strongly indicative of a vagal reaction (provided very short onset and transient duration). Analyhylatic-like reaction is also to consider, but recovery time is usually longer (and on mention of other common signs such as angioedema or enythema); therefore, the veddra term anaphylasis was not added. Regardless mechanism of reaction, there is so required to the common signs such as angioedema or enythema); therefore, the veddra term anaphylasis was not added. Regardless mechanism of reaction, there is no recommendation of the common signs such as a common signs such as common signs such as common signs. A secretary of the veddra term anaphylasis was not added. Therefore, the and NOBIVAC L4 are each 8-possible classified. Note: as per Guidance on the use of VeDDRA terminology, the term Vagal shock has been added. Therefore, this case has been classified as serious even if this classification is questionable (reaction lasting only 2 minutes). Note 2 the vet mentioned having used EURICAN CHP, but batch number L450000 matches with EURICAN CHP, loof steel by MERALIA. 32 separate injection sites, NOBIVAC L4 was not used as solvener of EURICAN (Phylophylasta. Units suce of water dilutent (not specified here), it is supposed that batch that the control of the control o

NOBIVAC L4	FR-ANMV-16 CPVL 01404	France	Animal	Canine/dog	4.5 Month(s)	17/10/2016	17/10/2016	1 1	0 17/10/.	016 Yes	Vomiting Dyspnoea, Cyanosis, Hypoi hermia, Ptyalism, Abnormal menace reflex test, Anaphylactic-type reaction, Apathy, Head bobbing, Groaning	t No Data	Morring: Cavaller Bing Charles Spaniel dog Injected with NOIIVAC L4 by attending vet. Around noon: onset of signs. Early afternoon (2 pm): presented to emergency vet unit with marked apathy, groaning vontifies, hypothemis, phyllam, slight opponee, aproasis. The aid sho head belong (plearely) and absent menace reflex text (but normal pupil light reflex). Vet suspected anaphylactic reaction to the vaccine. Treatment of SAR: fluid therapy, glucocorticoid Outcome of SAR: Urknown	Cavaller King Charles Spaniel	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: < 4 hours (17/10/2016-N/A)-BR>-BR>	B - Possible	CA comments: There is reasonably strong time association with vaccination. Most of clinical signs are consistent with anaphylatic-like reaction. However, visual disturbance is uncommon. Other cause or risk factor have not been ruled out (e.g. in this dog breed congenital disorder such as hydrocephalus or ayringomyella, or cardiopathy). Relationship with NOBIVAC List is a-possible classified.
	FR-ANMV-16 CPVL 01429	France	Animal	,,,,	3 Month(s)	21/10/2016	21/11/2016	1 1		Pes, BR>R>BR>Yes	s eye	No Data	Tio. a Chinahau puppy received the second isjection of primary course of NOBIVAC CHPP and NOBIVAC L4 (first injections with vaccine of another lab). T-1 h15: owner observed that the puppy displayed red eye and eyelf odedma. At vet examination, facial orderma. Desione injection. T-41: Recovery Duration of reaction: Duration of reaction (precision): 4 h Reson for treatment: Preventive Treatment of SAR: Devalone. Outcome of SAR: Favorable	Chihuahua		NOBIVAC CHPPI - N/A,N/A,N/A N/A,I dose; duration: Once; onset time: < 1h15 (21/10/2016- N/A) -CBR>NOBIVAC L4 - N/A,N/A,N/A,I dose; duration: Once; onset time: < 1h15 [21/10/2016-N/Al >GR>	B - Possible	CA comments: Although clinical signs are consistent with type 1 hypersensitivity reaction that is a well- known possible adverse effect with vaccination, it is not possible to attribute the effect to one vaccine in particular. For this reason, both products are assessed B-Possible.
NOBIVAC L4	FR-ANMV-17 ANMV 00131	France	Animal	Canine/dog	3 Month(s)	13/01/2017	13/01/2017	50 1	0 13/01/:	017 Not Known, BR>BR>BR>BR>Not Known		Not Known	On 13(01/17, 50) Jack nassel terrier pupples were vaccinated with NOBINAC CHPPI and NOBINAC L 1.8 minutes later, one pupply displayed facila obedema with eyhplams, leghalfist, facilist (coded as lip oedema) and pruritus. Duration of reaction: Duration of reaction (precision): 3 hours Reason for treatment: vaccination) Jack Russell Terrier	2.2	NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,M/A,duration: once; onset time: 30 minutes (13/01/2017-N/A)-RRGR-NOBINAC L4 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,M-A; once time: 30 minutes (13/01/2017-N/A)-BR>-GR>	B - Possible	CA comments: The short time to onset and nature of the reported signs are evocative of an anaphylactic-type reaction to the administration of NOBINAC CHP91 and NOBINAC L.4. Such hyperensitivity issues are well-known possible side-effects of vaccines (documented in the SFCs). However, a 2 vaccines were administered simultaneously, it is not possible tool distinguish their respective roles. So the role of each vaccine is B (possible) assessed.
	FR-ANMV-17 ANMV 0015S	France	Animal	Canine/dog	10 Year(s)	06/01/2017	17/01/2017	1 1	1 07/01/:	Known, >BR> <br Not Known, >BR>>BR><br< td=""><td>> reflexes,Quadriparesis,Urinary bladder disorder R NOS,Death,Nhormal pupil light > reflex,Muscle weakness NOS</td><td>Not Known</td><td>ALO-year-old male cocker spaniel dog was vaccinated on 06-JAN-2017 with NOBINAC L4, EURICAN CHPP12 and NOBINAC XC. 00-D3-JAN-2017, the dog is brought to the Ver's for the following signs progressing for 2 days (from 07-JAN-2017): - Cuadriparetis, decrease of muscle tone and of the right progressing for 2 days (from 07-JAN-2017): - Cuadriparetis, decrease of muscle tone and of the right parallelar reflex, loss of the left patiellar reflex. Ostability to stand more than few seconds; - Consciousness preserved; - Light reflexes seemed decreased; - Appetite preserved. The case worsene the following day (11-JAN-2017) with dabality to stand, faced ligh gladder, consciousness and appetite still preserved. Death the following day (11-JAN-2017), probably due to mis-swallowing according to the owner's description. Since 10-JAN-2017, decrease of limbs and neck muscles tone. Duration of reaction: Duration of reaction (precision): 4 days Reason for treatment: Vaccination (booster) Outcome of SAR: Unfavorable</td><td>English Cocker Spaniel</td><td></td><td>EURICAN CHPRIZ - NIA,NIA/NIA N/A.] dose; duration: once; onset time: < 2 hours (06/01/2017- NIA/HBB-GIB*NOBINAC KC- NIA/NIA/NIA/NIA/NIA]. dose; duration: once; onset time: < 2 h hours (06/01/2017- NIA/HBB-GB*NOBINAC L4 - NIA/NIA/NIA/NIA/L dose; duration: once; onset time: < 2 h bours (06/01/2017-NIA/HBB>-SBN-</td><td>B - Possible</td><td>CA comments: The signs described are compatible with an immune-mediated actue polyardiculoneutist, although time to onset was very short (2A hours) and the disease progressed very quickly (feath 5 days after vaccination). Such auto-immune troubles are rare but known possible side effect of vaccines that have already been reported. However, no complementary exams have been done to confirm the diagnosis and acute neuropathy, infection with neurological troppin or acute intoxication cannot be ruled out. Thus, the role of each vaccine is B-Possible assessed.</td></br<></b </br reflexes,Quadriparesis,Urinary bladder disorder R NOS,Death,Nhormal pupil light > reflex,Muscle weakness NOS	Not Known	ALO-year-old male cocker spaniel dog was vaccinated on 06-JAN-2017 with NOBINAC L4, EURICAN CHPP12 and NOBINAC XC. 00-D3-JAN-2017, the dog is brought to the Ver's for the following signs progressing for 2 days (from 07-JAN-2017): - Cuadriparetis, decrease of muscle tone and of the right progressing for 2 days (from 07-JAN-2017): - Cuadriparetis, decrease of muscle tone and of the right parallelar reflex, loss of the left patiellar reflex. Ostability to stand more than few seconds; - Consciousness preserved; - Light reflexes seemed decreased; - Appetite preserved. The case worsene the following day (11-JAN-2017) with dabality to stand, faced ligh gladder, consciousness and appetite still preserved. Death the following day (11-JAN-2017), probably due to mis-swallowing according to the owner's description. Since 10-JAN-2017, decrease of limbs and neck muscles tone. Duration of reaction: Duration of reaction (precision): 4 days Reason for treatment: Vaccination (booster) Outcome of SAR: Unfavorable	English Cocker Spaniel		EURICAN CHPRIZ - NIA,NIA/NIA N/A.] dose; duration: once; onset time: < 2 hours (06/01/2017- NIA/HBB-GIB*NOBINAC KC- NIA/NIA/NIA/NIA/NIA]. dose; duration: once; onset time: < 2 h hours (06/01/2017- NIA/HBB-GB*NOBINAC L4 - NIA/NIA/NIA/NIA/L dose; duration: once; onset time: < 2 h bours (06/01/2017-NIA/HBB>-SBN-	B - Possible	CA comments: The signs described are compatible with an immune-mediated actue polyardiculoneutist, although time to onset was very short (2A hours) and the disease progressed very quickly (feath 5 days after vaccination). Such auto-immune troubles are rare but known possible side effect of vaccines that have already been reported. However, no complementary exams have been done to confirm the diagnosis and acute neuropathy, infection with neurological troppin or acute intoxication cannot be ruled out. Thus, the role of each vaccine is B-Possible assessed.
	FR-ANMV-17 ANMV 00177	France	Animal	Canine/dog	,	29/12/2016	20/01/2017	1 1		D16 Not Known, B >BR>BR>BR Not Known		Not Known	On 291/27016, a dog (Pomeranian Spirt) was vaccinated with NOBINAC L4 and NOBINAC L4PPI 2 to hours later, the dog displayed a Dunick's oedema and intainion (localisation no precised). At the downs alone after vaccination (owner no present), it is not possible to have a time to onset more precise Treatment with beginning of 5 no (2) and better on 397/22 and 1 table on 397/23 and 1 table on 397/	3.		NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; duration: once; (29/12/2016- N/A) >BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; (29/12/2016-N/A) 	B - Possible	CA comments: The reported signs and time to onset are compatible with an anaph/actic-type reaction, which is a well-known possible adverse effect of vaccines. This adverse event is mentioned in the NOBIVAC LEPB and NOBIVAC LEPS C.A. both vaccines were injected simultaneously, it is not possible to distinguish their respective roles: each one is 8 (possible assessed.
NOBIVAC L4	FR-ANMV-17 ANMV 00401	France	Animal	Canine/dog	6 Year(s)	13/02/2017	22/02/2017	1 1	0 14/02/:	Not Known, <br< td=""><td>> weakness, Dehydration, Trembling</td><td>Not Known</td><td>A 6-year-old cocker spaniel dog was vaccinated on 13-FEB-2017 afternoon with NOBIVAC LLA NOBIVAC CHAP and NOBIVAC RUEA or Soon as the same day evening, the dog seemed not well, was dysoresic and presented with trembling, love tall, difficulties to lift up limbs, tiredness, poor alsep at night. At clinical exame the following day, no hyperthermia, on pain at injection stress and then injection of medoxiam. Since the dog was slightly dehydrated the second day, fluids were administered. The do had recovered on 17-FEB-2017. Duration of reaction: Duration of reaction (precision): 2 days Reason for treatment: vaccination</td><td></td><td>r 13</td><td>NOBIVAC CHPPI - N/AN/A/N/A A/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BR>NOBIVAC L4 - N/AN/AN/A N/A,1/A dose; onset time: 6 hours (13/02/2017- N/A)=BR->BR>NOBIVAC RAGE - N/A)/AN/A,1/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BRPS - NOBIVAC RAGE - N/AN/AN/A,1/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BRPS</td><td>B - Possible</td><td>CA comments: Time to onset and clinical signs described are evocative of an effect of the vaccination. Systemic reactions (apathy, appetite disturbance, weakness) are commonly reported in the days following vaccination. Dehydration is undoubtly secondary to appetite loss. Since many vaccines were injected at the same time, all of them are B-Possible assessed.</td></br<>	> weakness, Dehydration, Trembling	Not Known	A 6-year-old cocker spaniel dog was vaccinated on 13-FEB-2017 afternoon with NOBIVAC LLA NOBIVAC CHAP and NOBIVAC RUEA or Soon as the same day evening, the dog seemed not well, was dysoresic and presented with trembling, love tall, difficulties to lift up limbs, tiredness, poor alsep at night. At clinical exame the following day, no hyperthermia, on pain at injection stress and then injection of medoxiam. Since the dog was slightly dehydrated the second day, fluids were administered. The do had recovered on 17-FEB-2017. Duration of reaction: Duration of reaction (precision): 2 days Reason for treatment: vaccination		r 13	NOBIVAC CHPPI - N/AN/A/N/A A/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BR>NOBIVAC L4 - N/AN/AN/A N/A,1/A dose; onset time: 6 hours (13/02/2017- N/A)=BR->BR>NOBIVAC RAGE - N/A)/AN/A,1/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BRPS - NOBIVAC RAGE - N/AN/AN/A,1/A,1 dose; onset time: 6 hours (13/02/2017- N/A)=BR->BRPS	B - Possible	CA comments: Time to onset and clinical signs described are evocative of an effect of the vaccination. Systemic reactions (apathy, appetite disturbance, weakness) are commonly reported in the days following vaccination. Dehydration is undoubtly secondary to appetite loss. Since many vaccines were injected at the same time, all of them are B-Possible assessed.
	FR-ANMV-17 ANMV 00536	France	Animal	Canine/dog		28/01/2017	11/03/2017	1 1	0 28/01/:	Known, Known, Known, Known, Known, Known	> in 'Neurological') R >	Not Known	On 28/01/2017, a 4-year-oid shefand Sheepdog was vaccinated with MOBIVAC L4 MOBIVAC CHPPI and MOBIVAC FIAS. The clinical exames performed before vaccination was normal. 3 hours later, the dag displayed lethargy and trembling. Recovery on 29/01/2017. The dog was previously vaccinated with vaccines of the MERIAL range without reaction. Dualston of reaction: Duration of reaction (precision): 12 hours Reason for treatment: vaccination Outcome of SAR: Favorable	Shetland Sheepdog		NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,onset time: 3 h (28/01/2017- N/A) >NOBIVAC L4 - N/A,N/A,N/A,N/A,onset time: 3 h (28/01/2017- N/A) >NOBIVAC RAGE - N/A,N/A,N/A,N/A,N/As time: 3 h (28/01/2017-N/A) >BR	B - Possible	CA comments: Time to onset and clinical signs described are evocative of an effect of the vaccination. Systemic reactions are commonly reported in the days following vaccination. Since several vaccines were injected at the same time, all of them are B-Possible assessed.
NOBIVAC L4	FR-ANMV-17 ANMV 00569	France	Animal	Canine/dog	5 Year(s)	15/03/2017	13/04/2017	1 1	0 16/03/	117 Not Known,GR>-G Known,GR>-G Not Known		Not Known	On 15(93/2017, a dog (5 y o golden retriever) was vaccinated with NOBIVAC CHPP and NOBIVAC LIV via SC route between the two scapula. Since the day after, the animal was out of shape and anoresic, On 2(93/2017, the animal was brought to the vet for consultation. The animal displayed lethargy, anoresia, an oedem and wound (15 cm) diametered discharging pus above the right soluties. The blow workup revealed leucocytosis. Treatment with Clinaseptin, Previoca, Alzedyl and Extranse. Follow- upon 13(36/2017) Vedical treat sepicification site swelling and a spilication site memory-wided discharges replaced by « injection site swelling » and «injection site abscess » Reason for treatment vaccination	Golden Retriever d	33	NOBINAC CHPPI - N/AN/AN/A M/A,1 mit duration once; onset time: 1 day (15/03/2017- N/A)×BB->BR-NOBINAC L4 - N/AN/AN/A N/A1 mi; duration: once; onset time: 1 day (15/03/2017 N/A)-BR> 	B - Possible	CA comments: The time to onset and nature of the first reported signs are strongly suggestive of post- vaccinal reactions. Concerning lethargy and apathy, these clinical signs my indicate a systemic reaction to NOBINAC CHPPI and or NOBINAC L4. Injection site ordering are well known side effects of the two vaccines as described in the SPC. In some cases, this inflammation is succeptible to favour secondarily the profileration of germs introduced during the injection as prefect aspecies conditions may be difficult to achieve in practice), possibly leading to injection site actions. The above size of the consequence of the inflammation only (delayed the presensibility) to one or several ingenderies of the vaccine). The role of each vaccine is assessed 8- noscible.
NOBIVAC L4	FR-ANMV-17 ANMV 00698	France	Animal	Canine/dog	3.5 Year(s)	30/03/2017	30/03/2017	1 1	0 30/03/:	7 Yes, < R>>BR> Yes SBR> 	B Allergic oedema.Lip oedema (see s, also 'Skin'),Eyelid oedema <	No Data	A 3.5-year-old female French buildag was vaccinated on 30-MAR-3017 with NOBIVAC L4PPI, NOBIVAC 14 and NOBIVAC RAGE. About 1,5 hour after injections, the dog experienced oedema with eyelida and muzzle awollen. No respiratory difficulties reported. Treatment implemented: dexamethasone, 1 mg/kg fV route, then oral route twice daily. Duration of reaction: 2 hours Reason for treatment: vaccination	French Bulldog	g 10	NOBINAC CHPPI - N/A.N/A.N/A N/A.1 dose; duration: once; onset time: 1,5 h (30/03/2017- N/A)-RRN-BRNOBINAC 14 - N/A.N/A.N/A, N/A.1 dose; duration: once; onset time: 1,5 h (30/03/2017- N/A)-RRN-BRNOBINAC RAGE - N/A.N/A.N/A, N/A.1 dose; duration: once; onset time: 1,5 h (30/03/2017- N/A)>BRN-SRN-	B - Possible	CA comments: Time to onest and clinical signs described are highly compatible with an hypersensitivity reaction due to vaccination. However, since 3 vaccines were injected simultaneously. It possible to determine the role of each. For this reason, each vaccine is assessed 8- Possible.

NOBIVAC L4	FR-ANMV-17 ANMV 00877	France	Animal	Canine/dog	3 Month(s)	19/04/2017	27/04/2017	1	ıl o	24/04/2017	Not Known	Leucocytosis,Fever,Decreased	Not	A 3-month-old male Cavalier King Charles dog was vaccinated on 19-APR-2017 with NOBIVAC L4. 24 t	o Cavalier King	2.5	NOBIVAC L4 - N/A,N/A,N/A ,N/A,1	B - Possible	CA comments: Time to onset as well as first clinical
					3 110111111							activity.Muscle rigidity.Facial oedema	Known	48 hours after vaccination, the dog was feverish and less active. The puppy is examined 5 days later, I.e. on 24-6/R-2011, Drepsented with Galoi olenem, assessters and temporal muscles contraction. Treatment implemented: SQUIMEDROL. Facial oederna quickly decreased after controlds but muscle contraction was ill present on 27-6/R-2017 desplare PRENOCHOTNOR treatment, if moute, where daily. Complementary exams: head X-rays: nothing to report; blood sample: leucocytosis (neutrophis) ymphocyts and eosinophils). Reason for treatment: vaccination	Charles Spaniel	1.3	dose ; (19/04/2017-N/A)-BR>-BR>		sign described (feer, apathy) are clearly in favor of the role of the social es regularly reported and well-mentioned in the SFC. Facial eldema is the consequence of an allegic reaction. Time to onset of this sign is winnown: Dot it appear many days days after vaccination for other allegic reaction. There is no smother caused by within 24 hours after ispection and many better consequence of feer and facili indication. Thus, the role of the vaccine is B-possible assessed.
	FR-ANMY-17 ANMY 00891	France	Animal	Canine/dog	10 Year(s)	01/04/2017	18/07/2017	1	1 1	03/04/2017	Yes,GBR-VBR-VB P-CBR-VBR-VB -CBR-VBR-VBR -BR-VBR-VBR-VBR -BR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-	injection site swelling injection site panji Tarhyardia Spock Piele mucous membrane Vomiting Icterus. Dyspin ea y Jaerenbinas Destri Auroreau Ji proteimeria, Abroria ultrassund flooding Programma ultrassund flooding programma und flooding programma und flooding	No Data	A 1D-year-old female beagle dog was vaccinated with NGBIVAC CHPP and NOBIVAC L4 (both on the same flam) and NOBIVAC FACE (both on the same flam) and NOBIVAC FACE (both on the flam) on 1D-ARP-2017, Appearance of utaneous reactions 2 days later on both flamks, with severe swollen of 5-6 cm-diameter. Treatment implemented: LAUNSEPTIN 25 mg lwc eds lay for 5 days and DERMIPRED 10 mg L5 tablet daily for days. Postite evolution on the right flamk within 3 weeks but negative evolution on the left flamk with induration, increase of the mass size, general hyperthermia and pain. Teatment prescribed. MTEACL 1 mg: 2 tablets daily for 6 days. After 22 days, fine needle puncture of the left mass for cytology. In the present prescribed with the present prescribed with the present presen	c G G G G G G G G G G G G G G G G G G G	17.7	NOBINAC CHPPI - NI/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/	B - Possible	CA comments: There is strong time and anatomical connection with pictoria. Local swelling and possible pain are mentioned in SPCs but duration of injection is tensis as unusually long-towever, no other available cause. On the right faird, since 2 vaccines were lighted simultaneously, it is not usually long-tower to the available cause. On the right faird, since 2 vaccines were lighted simultaneously, it is not usually long-tower towers and the control of the control
NOBIVAC L4	FR-ANMV-17 ANMV 00931	France	Animal	Canine/dog	1 Year(s)	01/01/2017	06/05/2017	1 :	1 0	05/05/2017	Not Known,
 Not Known</br 	Facial swelling (see also 'Skin')	Not Known	A 1-year-old French Bulldog was vaccinated on 05-MAY-2017 with NOBIVAC CIPPP and NOBIVAC LA The dog already reviewoft CIPPP valence (rade anne unknown) but It was the first time the valence to was injected. Two CIP hours after injections, the dog displayed a head swelling. Corticoids were then injected. The outcome is unknown. Duration of reaction: Duration of reaction (precision): 1 day Reason for treatment: vaccination	French Bulldog	13	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; onset time: 2 hours (01/01/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; (01/01/2017-N/A) >	B - Possible	CA comments: Clinical signs described as well as time to onset are highly compatible with an allergic reaction to the vaccination. Since two products were injected simultaneously, the role of each of them in the event is undetermined. Thus, both vaccines are B- Possible assessed.
	FR-ANMV-17 ANMV 01006	France	Animal	Canine/dog	6 Year(s)	19/05/2017	19/05/2017	1	1 0	19/05/2017	Yes, <b R>BR>Yes</b 	Bradycardia, Vomiting, Apathy, Blood in faeces, Anaphylactic shock, Dyspnoea	No Data	A 6-year-old female 5th-Trau dog was vaccinated ginnual boosted with NDBIVAC L4 and NDBIVAC L4PPIO n19-MAV-5027, Less than 1 Nova where injections, the dog displayed apality, wonthing, blood, facecs, bradycardia and dyspnea. Treatment implemented: methypredisiolone (SOLUMEDROL 40 mg and fluids. Reason for treatment: vaccination	Shih Tzu	7	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 ml; duration: once; (19/05/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 ml; duration: once; (19/05/2017-N/A) 	B - Possible	CA comments: Clinical signs and time to onset compatible with an anaphylactic shock. Since 2 products were administered concomitantly, it is not possible to determine the role of each of them in the event. For this reason, both vaccines are B-Possible assessed.
	FR: ANMY-17 ANMY 01076	France	Animal	Canine/dog	1 Year(s)	01/06/2017	22/06/2017	1	1 0	01/06/2017	Not Known, BR>BR >BR>SR >Not Known, BR>SR Not Known, BR >Not Known, <td>Bradycardia, Hypotension, Tremblin, Anaphylaxis, Vomitting</td> <td>g Not Known</td> <td>On 0.106/2017, a dog (1 y- o Prischer) was vaccinated with NOBIVAC CHPPI, NOBIVAC L4 and RABISH Less than 5 minutes later, the animal displayed vonting, trading, bradycardia and hypothermia. Treatment with corticolds and infusion. Recovery within 3 hours.</td> <td>I. Miniature Pinscher</td> <td>2.45</td> <td>NOBINAC CHPPT - NI/AN/AN/A N/AI, This dutation conce, onset time: 5 mn (01/06/2017 - NI/A)RB-CRB-NOBINAC L1 - NI/ABN-ABN-AIN-AI mi, dutation once, onset time: 5 mn (01/06/2017 - NI/A)RB-CRB-NABISN NI/AN/AN/AN/AI mi, dutation once, onset time: 5 mn (01/06/2017 - N/A)RB-CRB-RB-NABISN NI/AN/AN/AN/AI mi, dutation</td> <td>B - Possible</td> <td>CA comments: Time to onset is very suggestive of an infect of vaccinition and the reported roubles (although unspecific) are compatible. Such transiers obstructional rections are known postible side- elfects of vaccines in case of vagals shock or anaphylactic type arction. Several comparable cases have already been reported. However, as all three products were administered commentality, it is not possible to distinguish their respective effect. Therefore, the role of MORIVAC LEMP, NOBINZ LE and RABISN is assessed is (Possible). Note as per clidiance on the use of VeDRIA terminology, the term anaphylasis has been added (consistent signs and time to onesti.</td>	Bradycardia, Hypotension, Tremblin, Anaphylaxis, Vomitting	g Not Known	On 0.106/2017, a dog (1 y- o Prischer) was vaccinated with NOBIVAC CHPPI, NOBIVAC L4 and RABISH Less than 5 minutes later, the animal displayed vonting, trading, bradycardia and hypothermia. Treatment with corticolds and infusion. Recovery within 3 hours.	I. Miniature Pinscher	2.45	NOBINAC CHPPT - NI/AN/AN/A N/AI, This dutation conce, onset time: 5 mn (01/06/2017 - NI/A)RB-CRB-NOBINAC L1 - NI/ABN-ABN-AIN-AI mi, dutation once, onset time: 5 mn (01/06/2017 - NI/A)RB-CRB-NABISN NI/AN/AN/AN/AI mi, dutation once, onset time: 5 mn (01/06/2017 - N/A)RB-CRB-RB-NABISN NI/AN/AN/AN/AI mi, dutation	B - Possible	CA comments: Time to onset is very suggestive of an infect of vaccinition and the reported roubles (although unspecific) are compatible. Such transiers obstructional rections are known postible side- elfects of vaccines in case of vagals shock or anaphylactic type arction. Several comparable cases have already been reported. However, as all three products were administered commentality, it is not possible to distinguish their respective effect. Therefore, the role of MORIVAC LEMP, NOBINZ LE and RABISN is assessed is (Possible). Note as per clidiance on the use of VeDRIA terminology, the term anaphylasis has been added (consistent signs and time to onesti.
	FR-ANMV-17 ANMV 01165	France	Animal	Canine/dog	7 Week(s)	23/05/2017	19/06/2017	5	5 0	23/05/2017	Not Known, BR >>BR>>BR>>BR> Not Known	Injection site pain, Fever, Lethargy (see also Central nervous system depression in 'Neurological'), Injection site reaction NOS	Not Known	Less than 12 hours after vaccination of 5 puppies (Cavaller King Chairles, 7 weeks) with MOBIVAC L4 an NOBIVAC CHPPI, the five puppies displayed marked local (painful, 4 cm)and systemic reaction (lethang fewer), they were treated with contisone and recovered the day after. Duration of reaction: 2 hours Reason for treatment: Vaccination	y, Charles Spaniel	0.2	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,duration: once; (23/05/2017- N/A) >BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,duration: once; (23/05/2017-N/A) >BR>	B - Possible	CA comments: Well known possible adverse effect of the vaccines: each one is B (possible) assessed.
NOBIVAC L4	FR-ANMY-17 ANMY 01196	France	Animal	Canine/dog	1.2 Year(s)	15/06/2017	15/08/2017	1	1 0	15/06/2017	Yes, GRX-GRX-G RX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-G	Cyanosis, Pipperthemia, Lethargy (See also Central nervous system depression in Neurological) Week public Polymore, Emerissis, Trembling, Dysproea, Heat stroke	No Data	A 1.2-year-old american buildog was vaccinated with NOBIVAC CIP). NOBIVAC L4 and NOBIVAC RAGE on 15-1UN-2017, 3.5 pm. About 1.25 hour later (arous do 500 pm), the owner called the attending vet order to describe the symptoms observed, that are compatible with a heat stroke; polypnes with ordropnes, working kethargy, During the typ on car, the tongue bearme cyanosa. At the clinic at 05:30 pm, the dog presented with orthopnes, polypnes at about 150 movements per minutes, severe yearnosis, the heart for a dualble beareous or ferspiratory nobes, puble a difficult to assets due to tremor. Rectal temperature was 42;5°C. The dog was first cooled with a shower with oxygen under mask, and then necesved fluids. Within few minutes after its arrival at the clinic, the objective of 15°C route of DEXADRESON, 3 drops of DOPRAM intransasi route, DOLOREX 1.2 ml SC route. A 06:30 / 0700 pm, the dog hard recovered. At the elephon call on 19-1UN-2017, the owner reproned that her dog presented with lethargy during 2 days but the dog returned to a normal state from this date After contact with interest to 3/20/7/2017, L4 case is considered as serious. Follow up received 4 Aug 2017 the vet called the MAH directly. According to her, this was not an anaphylactic shock linked to vaccination but a heat stroke due to severe heat that day over 3721, Another dog was brought to the clinic with heat shock that week, because of high temperature and with similar symptoms. She could not exclude that feet erilinked to accination can have play a role in this heat shock. Case closed Reason for treatment: vaccination Outcome of SAR: Favorable	n Bulldog	30	NOBINAC FIP - N/A.N/A.N/A. M/A.1 dose; duration: core; (13/06/2017-N/A)-RB8-GBN-NOBINAC L1 - N/A.N/A.N/A.N/A.N/A. M/A.1 dose; duration: once; (13/06/2017-N/A)-RB8-GBN-NOBINAC RAGE - N/A.N/A.N/A.N/A.N/A.N/A. M/A.1 dose; duration: once; (15/06/2017-N/A)-GBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-S	B - Possible	CA comments: Time to onsels its compatible with an amphylatic file. Besction due to vaccination. However, severity of signs are quite unexpected and an underlying cause (concomitant heat stoke as assumed by the vet? strong heat at this date?) cannot be ruled out. The 3 vaccines are Pic-stable assessed. Follow-up 24/07/2017: Considering the severity of clinical signs, the case its re-assessed serious Follow up 04/08/2017: assessment unchanged.
NOBIVAC L4	FR-ANMV-17 ANMV 01720	France	Animal	Canine/dog	7 Year(s)	12/09/2017	19/09/2017	1	1 0	13/09/2017	Not Known, GBR > GRR>GBR Not Known	Injection site abscess, Injection site pain, Dysorexia, Anorexia, Injection site mass, Lameness	Not Known	On 12/09/2017, a dog (7 y = Dickon) was sectinated with CAMIGON CHPIP and NDBIMAC, Livia SC on the left buttock. The day after, the animal doplayed a lament of polar between the left buttock. The day after, the animal doplayed a lament on the left buttock. The day and anorexia. A week later, a painful mass at injection site (abbress) was observed and had to be surgically treated. Treatment also with amoskcillin + clavularic acid and melosicam Reason for treatment: preventive	Bichon Frise	7.6	CANIGEN CHPPI - N/A,N/A,N/A N/A,1 dose; onset time: 1 day (12/09/2017- N/A)/ABR-ABR-NOBIVAC L4 - N/A,N/A,N/A,1 dose; onset time: 1 day (12/09/2017- N/A)-BR-ABR-	B - Possible	CA comments: There is strong time and anatomical connection with injections. Local swelling and possible pain are mentioned in SPC but injection site abcess is more unexpected. However, no other available cause. As the 2 valcense were injected simultaneously, it is not possible to determine the role of each. Thus, CANICEN CHPPI and NOBIVAC L4 are 8-Possible assessed.

NOBIVAC L4	FR-ANMV-17 ANMV 01768	France	Animal	Canine/dog	3 Month(s)	23/09/2017	23/09/2017	7 1 1	0 2	23/09/2017	×BR×BR>BR> Not Known, SR×BR ×BR×BR> Not Known	Facial oedema, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	On 23/09/2017, a 3 month-old chihushus dog was vaccinated with NOBINAC RAGE, NOBINAC L4 and NOBINAC FINE STATE AND STATE STATE IN the Ogg displayer facial oedema and lethargy. Treatment with Solumedrol 20 mg (10 units). Recovery within 2 hours. Duration of reaction: Duration of reaction (precision): 2 hours Reason for treatment: preventive Outcome of SAR: Favorable	Chihuahua	1.2	NOBINAC CHP - N/A,N/A,N/A,1 dose; duration: once; (23/09/2017- N/A) -RRGRR-NOBINAC 14 - N/A,N/A,N/A,N/A,1 A dose; duration: once; (23/09/2017- N/A) -RRGRR-NOBINAC RAGE - N/A,N/A,N/A,N/A,1 dose; duration: once; (23/09/2017-N/A) -RR->GRR->GRR->GRR->GRR->GRR->GRR->GRR	B - Possible	CA comments: Well-innown adverse event that can occur after vaccinition. Since 3 vaccines were injected simultaneously, it is not possible to determine to each of them. Thus, the three are B-Possible assessed.
	FR-ANMV-17 ANMV 01861	France	Animal		,	25/09/2017	06/10/2017	7 1 1			Yes, <br R> Yes</br 	Swollen face (see also 'Skin')		A 3.5-month-old Australian shepherd dog was vascinated on 25-SSP-2017 with NOBNAC CHPPI and NOBNACL I.e Park boxul ister, the dog displayed a facial solvation. It received an injection of methylprednisolone [20 mg via IM route]. On 06-OCT-2017, the dog had recovered. Duration of reaction: Duration of reaction (precision): 3 hours Reason for treatment: vaccination Outcome of SAR: Favorable	Australian Shepherd Dog		NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; duration: once; (25/09/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; (25/09/2017-N/A) 	B - Possible	CA comments: Time to onset and clinical signs are highly suggestroe of a hypersensithly reaction. Since 2 vaccines were injected simultaneously, the role of each of them cannot be determined. Therefore, both vaccines are B-Possible assessed.
	FR-ANMV-17 ANMV 01910	France	Animal	Canine/dog	2 Year(s)	11/10/2017	12/10/2017	7 50 1		12/10/2017	Yes	Injection site inflammation		A 2-year-old Jack Russel terrier dog was vaccinated with NOBINAC L4 on 11-OCT-2017. The following day, an inflammatory reaction at the injection site was observed. Massages were done by the owner and the dog received NSAIDs for 2 days. On 12-OCT-2017, the dog had recovered. Duration of reaction: Duration of restion (precision): 1 day Reason for treatment: Preventive A female Carlin dog (4-year-old, weighing 6.5 kg) was injected subcutaneously with NOBINAC RAGE,	Jack Russell Terrier		NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; (11/10/2017- N/A) 	A - Probable	CA comments: Well-known adverse reaction of vaccination. The product is A-Probable assessed.
NOBIVAC L4	FR-ANMV-17 ANMV 02064	France	Animal	Canine/dog	4 Year(s)	25/10/2017	31/10/2017	7 1 1	ol 2	25/10/2017	Not Known, Not Known, > Known, > Not Known	Localised oedema (not application site), Lip oedema (see also Skin), Eyelid oedema, Weakness, Retching, Vulvar oedema	Not Known	A female Carlin dog (4-year-old, weighing 6.5 kg lwas hijected subcutaneously with NOBINVE RAGE, NOBINVE CHIPPI and NOBINVE L or a 75/31/2017, 020 pm. NOBINVE RAGE was hijected on one point at the base of the neck, and NOBINVE CHIPPI and NOBINVE L1 were mixed in the same syring injected on a second point at the base of the neck. Four house later (06:00 pm.), the belt displayed of lo edema, yelid oedema, womiting efforts and weakness. At examination (07:00 pm.), the dog presente also with normal temperature, pink morcous membranes and on respiratory officialities. Therefore, the vet injected 0.3 ml, SC route, of Dexaderson. Around 30:00 pm and according to owners, the dog presented also with wairs and inclination sedema. Complete concever the following day morning, Note the three vaccines had already been administered to the bitch without reaction. Duration of reaction 24 hours Reason for treatment: vaccination	Not Applicable t	6.5	NOBINZ CHPFI - N/AN/AN/A M/A.1 dose in the same syringe with L4; onset time: 4 hours [25/10/2017. N/A/8B5-8B7-NOBINZC L3 - N/AN/AN/AN /AN/A1 dose in the same syringe with CHPPP; onset time: 4 hours [25/10/2017 - N/A-NB7-8B7-8B7-NOBINZC RAGE - N/AN/AN/A /M, 1 dose; onset time: 4 hours [25/10/2017 - N/A-8B7-8B7-8B7-9B7-9B7-9B7-9B7-9B7-9B7-9B7-9B7-9B7-9	B - Possible	CA comments: Time to onset and clinical signs described are highly compatible with an allergic reaction due to vaccination. However, as 3 vaccines were injected similaraeously, it is not possible to determine the role of each of them. For this reason, each vaccine is assessed 8-Possible.
	FR-ANMV-17 ANMV 02065	France	Animal	Canine/dog	3 Year(s)	27/10/2017	31/10/2017	7 1 1	0 2	27/10/2017	Not Known, >Rot Not Known, <br< td=""><td>Eyelid oedema, Pruritus</td><td>Not Known</td><td>A 3-year-old Beauceron dog was vaccinated with NOBINAC BACE, NOBINAC CHPPI and NOBINAC LA on 27/10/2017. Three hours later, the dog displayed eyelids oedema and pruritus. The reaction was treated with corticolis per os [10 mg], regression of symptoms within a few hour. Entire recovery the following day. Note: the dog was previously vaccinated with the 3 products without reaction. Duration of reaction:12 hours: Reason for treatment: vaccination</td><td>Beauce Sheep Dog (Beauceron)</td><td>36</td><td>NOBINAC CHIPPI - N/A.N/A.N/A N/A,1 dose; duration: once; onset time: 3 hours (27/10/2017- N/A)-BRBR-NOBINAC L4 - N/A.N/A.N/A - N/A.1 dose; duration: once; onset time: 3 hours (27/10/2017- N/A)-BRBR-NOBINAC RAGE - N/A.N/A.N/A - N/A.1 dose; duration: once; onset time: 3 hours (27/10/2017-N/A)-BRBB-</td><td>B - Possible</td><td>C comments: Time to onset and clinical signs described are highly compatible with an allergic reaction due to vacination. However, as 3 vaccines were injected simultaneously, it is possible to determine the role of each of them. For this reason, each vaccine is assessed 8-Possible.</td></br<>	Eyelid oedema, Pruritus	Not Known	A 3-year-old Beauceron dog was vaccinated with NOBINAC BACE, NOBINAC CHPPI and NOBINAC LA on 27/10/2017. Three hours later, the dog displayed eyelids oedema and pruritus. The reaction was treated with corticolis per os [10 mg], regression of symptoms within a few hour. Entire recovery the following day. Note: the dog was previously vaccinated with the 3 products without reaction. Duration of reaction:12 hours: Reason for treatment: vaccination	Beauce Sheep Dog (Beauceron)	36	NOBINAC CHIPPI - N/A.N/A.N/A N/A,1 dose; duration: once; onset time: 3 hours (27/10/2017- N/A)-BRBR-NOBINAC L4 - N/A.N/A.N/A - N/A.1 dose; duration: once; onset time: 3 hours (27/10/2017- N/A)-BRBR-NOBINAC RAGE - N/A.N/A.N/A - N/A.1 dose; duration: once; onset time: 3 hours (27/10/2017-N/A)-BRBB-	B - Possible	C comments: Time to onset and clinical signs described are highly compatible with an allergic reaction due to vacination. However, as 3 vaccines were injected simultaneously, it is possible to determine the role of each of them. For this reason, each vaccine is assessed 8-Possible.
NOBIVAC L4	FR-ANMV-17 ANMV 02129	France	Animal	Canine/dog	7 Year(s)	25/10/2017	08/11/2017	7 1 1	0 2	25/10/2017	Not Known	Pruritus,Eyelid oedema,Lip oedema (see also 'Skin')	Not Known	A 7-year-old female Carlin dog was vaccinated with NOBIVAC L4 on 25-OCT-2017. Within 30 minutes the dog displayed eyelid and lip oedema, and then pruritus the following day. Treatment with corticoids and antibiotics for pruritus and its cutaneous complications. Duration of reaction: 2 days	Cairn Terrier	8.5	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; onset time: 30 min (25/10/2017-N/A) 	A - Probable	CA comments: Time to onset and clinical signs described are highy compatible with an hypersensitivity reaction due to vaccination. The role
NOBIVAC L4	FR-ANMV-17 ANMV 02186	France	Animal	Canine/dog	2 Month(s)	25/10/2017	21/11/2017	7 1 1	0 2	25/10/2017	Not Known,
 Not Known</br 	Eyelid oedema,Apathy,Facial oedema	Not Known	Reason for treatment: vaccination A Pometh-old Broad Colled Egy assvaccinated for the first time with NOBIVAC CHPPI and NOBIVAC L4 on 25/10/2017. Less than 6 hours later, the dog displayed eyelds and facial oedema and apathy. The dog recovered without treatment within 2 hours. Duration of reaction: Duration of reaction (precision): 2 hours Reason for treatment: Preventive	Border Collie	4	NOBIVAC CHPPI - N/A,N/A,N/A N/A,duration: once; (25/10/2017- N/A)=BR>=BR>NOBIVAC L4 - N/AN/A,N/A,N/A,duration: once; (25/10/2017-N/A) >BR>	B - Possible	of NOBIVAC. L4 is assessed A-probable. CA comments: Time to onest and clinical signs described are highy compatible with an hyperensithivity reaction due to vaccination. However, since 2 vaccines were injected simultaneously, it is not possible to determine the role of each of them. For this reason, both are B-Possible assessed.
NOBIVAC L4	FR-ANMV-17 ANMV 02340	France	Animal	Canine/dog	3 Month(s)	08/12/2017	11/12/2017	7 1 1	ole	08/12/2017	Not Known, BR SBR>BR>BR>Not Known, BR SBR>BR>CBR Not Known, <br< td=""><td>Quincke's oedema</td><td>Not Known</td><td>On 08/12/2017, a French Building was vaccinated with NOBIVAC L4, RABISIN and NOBIVAC CHPF. Les than Floursi later, the dog displayed a severe Clurick's oderm. Teathernt with CORTAMETHASONE (Dexamethasone) (J. 1 mg/kg by SC route. The dog recovered within 5 hours. Duration of reaction: Duration of reaction (precision): 5 hours Reason for treatment: Preventive</td><td>s French Bulldog</td><td>3.5</td><td>NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,IA/CACHPPI - N/A,N/A,N/A,IA Ose; duration: Once; (08/12/2017-N/A) - N/A+GR-SR-SR-NOBIVAC L4 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,</td><td>B - Possible</td><td>CA comments: Quincles's oedema is a possible and well-known adverse effect of vaccines. Full recovery after corticoids injection comforts this hypothesis. As three products were administered concomitantly, it not possible to distinguish their respective roles. Therefore, PORIVAC L4, NOBIVAC CHPPI and RABISIN are B-possible assessed.</td></br<>	Quincke's oedema	Not Known	On 08/12/2017, a French Building was vaccinated with NOBIVAC L4, RABISIN and NOBIVAC CHPF. Les than Floursi later, the dog displayed a severe Clurick's oderm. Teathernt with CORTAMETHASONE (Dexamethasone) (J. 1 mg/kg by SC route. The dog recovered within 5 hours. Duration of reaction: Duration of reaction (precision): 5 hours Reason for treatment: Preventive	s French Bulldog	3.5	NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,IA/CACHPPI - N/A,N/A,N/A,IA Ose; duration: Once; (08/12/2017-N/A) - N/A+GR-SR-SR-NOBIVAC L4 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	CA comments: Quincles's oedema is a possible and well-known adverse effect of vaccines. Full recovery after corticoids injection comforts this hypothesis. As three products were administered concomitantly, it not possible to distinguish their respective roles. Therefore, PORIVAC L4, NOBIVAC CHPPI and RABISIN are B-possible assessed.
	FR-ANINY-17 CPVL 00068	France	Animal	Canine/dog	13 Month(s)	16/01/2017	20/01/2017	1 1	0 1	16/01/2017	Yes, Yes, R> Yes, 	Eyelid oedema, Facial oedema, Fatigue		DO morning (11 am), Australans Neepherd Dog vaccinated with NOBINUE (1,8,100)MING. CHP and RABIS! (Onch the same injection sife for bith Standisk). Alternoon (p) gin; administance with DOJANC 25 (while with had adviced to wait 48 h to worm the dog), Later in the afternoon, it displayed fatigue, in the evening (7 m); life highyed oedern of muzzle and eyelds. Normal breathing and body temperature. After oral plucocorticoid, cutaneous signs improved. D1 morning: animal fine. Note: previous ammistrations or cucree and wormer had been well tolerated. Treatment of SAR: DERMIPRED (predmissione) 2 x 10 mg			OCIDEA C2.5: N/A/NA/NA/NA/NA/L tablett, duration Cnee, onset time: < 3 hours (16/02/2017- N/A/SIRS-RB-NOBIVAC CHP- N/AN/NA/NA/NA/L dose duration: Once, onset time: < 5 hours (16/02/2017- N/AN/NA/NA/NA/L dose; duration: Once, onset time: < 5 hours (16/02/2017- N/A/NA/NA/NA/L dose; duration: Once, onset time: < 5 duration: Once, onset time: < 5 duration: Once onset time: < 5 duration: Once (16/02/2017-NA/SIRS-SIRS) Navy (16/02/2017-NA/SIRS-SIRS-SIRS)	B - Possible	A comments: Clinical signs resolving after use of spacecontrols are consistent with type spacecontrols are consistent with type hypersensibility reaction. Usual time to onset is a few immides to 1 hour, but up to 8-12 hour have been reported. Such reactions are very commonly reported with vaccines (regardes brands or valenties). Relationship with either vaccine is equally plausable no possible classified. Hypersensibility reactions are rarely reported with bearindations, praziquated or purantel, and indirect 16 reaction to toxin release by drug worms steem not a flastly event feer regular use of wormers), Relationship with DCIPMC is less studied than vaccine 10 - taccordate vessible(s).
	FR-ANMV-17 CPVL 00079	France	Animal	Canine/dog	3 Month(s)	23/01/2017	05/04/2017	7 1 1	0 2	23/01/2017	Yes, <b R> >BR>Yes</b 	Sneezing,Cough,Apathy,Lip oedema (see also 'Skin')	No Data	TO Shit hz ulog was vaccinated with NOBWAC CIPPI and NOBWAC Life (second injection of primary course, first injection by breeder with Versican) = 1 th. It displayed ascerage, copyle, pastby, T-2b, at a version of the course of the property of the propert	Shih Tzu et : : 6	3.4	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; duration: Once; onset time: < 1h (23/01/2017- N/A)-BR>-BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: < 1h (23/01/2017- N/A) -BR>	B - Possible	CA comments: Clinical signs are consistent with immediate hypersensitivity reaction to the vaccine, and time to onset is in line with such mechanism of reaction (which may occur within a few minutes to a few hours). Similar cases have been reported with both vaccines. However, the part of each vaccine is difficult to evaluate and NOBIVAC CHPPI and NOBIVAC Lies both B-oossible classified.
NOBIVAC L4	FR-ANIMV-17 CPVI. 00086	France	Animal	Canine/dog	2 Year(s)	06/01/2017	10/02/2017	1 1	0 0	06/01/2017	Yes, Yes, R> Yes, Yes, 	Diarrhoes, Vornting, Facial swelling (see also 'Sien'), Erythema (for uritical's see immost SOC), Papule, Elevated C-reactive protein, Eruption, Apathy, Fatigue, Epi dermal collarette, Pinnal erythema	No Data	DO French Bulklog dog administered with NGBIVAC EMPT, NGBIVAC LE And NGBIVAC BAGE. 2 hours later, fluidipyled ficial welling and falligue. Solumetion liperition and Deaderson, Recovery within 2 hours. DE: the dog displayed spapel, postule or back. Solumetion liperition and recovery within 2 hours. DI: I displayed apathy, pinnal erlythmae, yethlewan on belly, darthens and workings. Solumetion liperition and recovery within 2 hours. DI: Now examination for vomiting. Solumetion liperition and recovery within 2 hours. DI: Solumetion liperitin and below within 2 hours. DI: Solumetion liperition looks of the solumetion liperities between varieties and reactions observed at DI Di. DI: 2012 DIS vomitting, diarhoes orphema, papules, spidermal collarettes (back, belly, pinnae) Treatment of SAR: Solumetical liperition locardesing (decamentasone) D. Sm. Lim Investigations: CBC, blood chemistry: no anomaly, Normal CPL. C-reactive protein 23 mg/L.	French Bulldog	8.6	NOBINAC CHPPI - N/AN/AN/A N/A.1 dose; duration: Once; onset time: 2 h (p6/01/2017- 1 N/A) N/AISHS-BR-NOBINAC 1A- N/AISHS-BR-NOBINAC RAGE N/AISHS-BR-NOBINAC RAGE - N/AISHS-BR-NOBINAC RAGE - N/AIN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	O1 - Inconclusive	Ox comments: First Clinical signs are consistent with mendiate hypersentitivity reaction, and signs resolved after administration of placocorticol. Time to more! to very upgestee of vaccine injections action. Numerous cases of ficatal weeling after vaccination are reported invowers, related in ord "anaphylactic reaction" at DB, D1,D12 and D16 is not compatible. No similar case registered in CPV, distal base and literature to our knowledge. Numerous other allegen controls could epighin reaction. The role of vaccines remains unclear (D1-inconclusive classified).

NOBIVAC L4	FR-ANIMV-17 CPVL 00310	France	Animal	Canine/dog	3 Month(s)	13/03/2017	30/05/2017	1	1	0 14/03/2017	R≻4BR>√BR>Yes	Myositis,Discoloured urine,Apathy		Complete history provided but DD considered at second injection of primary course. 13/02/17: West Highland White Terrier Puppy first vaccinated (first injection of primary course) with NGBIVAC CHPPI. 15/02/17: it displayed myosits of masserts and hypertherms (B.97-C) Corticol treatment and improvement within 2 days. 23/02/17: end of corticol treatment. Beginning of march, relapse. New administration of controlicinal 15/03/17: second injection of primary course with NGBIVAC CHPPI and NGBIVAC Lt. D.I. it displayed apathly, D.2 at vet examination, apathly, myositis and red urbine. New corticol or bestments stander, lathered description: Case received from the French Completer Authority: Complete history provided but DD considered at plays to the control of the con	West Highland White Terrier	Not Known	NOBIVAC CHPPI - N/A/N/A/A //N/A Lóos; duration: Once; onset time: < 24 hours [13/03/2017- N/N/ABB-GIR: NOBIVAC L4 - N/A/N/A/A/A / //A/A/A/A / //A/A/A/A / //A/A/A/A	O - Unclassiflable/unassessa ble	CA comments: Immune-mediated masticatory muscle myositis are described in dogs, here, improvement with conticols is secuciated of that type of pathology. Concerning NOBIVAC CHPP), exhallenge is positive. However, the dog displayed other myositis crisis between the two vaccinations. Different hypothesis are possible: J Valuation of first corticoid treatment is too short for myositis (pissally 6 months of a long to the properties of the prope
NOBIVAL L4	FR-ANIMY-17 CPVL 00350	France	Animal	Canine/dog	Not Known	13/03/2017	23/03/2017	20	1	20/03/2017	R> Yes, BR> Yes, <b< td=""><td>Leuccytosis.Neutropinia.yperne min.2Palor,Moncytosis.Decreased red blood cell count,Decreased haemoglobin,Decreased packed cell volume (PCV),Elevated SAP</td><td>No Data</td><td>OD: In a breeding, 20 Labrador Retriever dogs vaccinated with NOBINAC CL PPIP, NOBINAC EL, NOBI-VIA RAGE, NOBINAC EL, Ion one dog, solvent of NOBINAC EL, NOBI-VIA RAGE, NOBINAC EL, Ion one dog, solvent of NOBINAC EL, ONE ONE DE RESIDENCIA DE LA RESIDENCIA DEL RESIDENCIA DE LA RESIDENCIA DE LA RESIDENCIA DEL RESIDENCIA D</td><td>Retriever</td><td>Known</td><td>NOBI-VAC FAGE - N/AN/A.N/A N/AL dose, duration Cince, onest time: <7 days (13/03/2017 - N/A-BR-G-RN-NOBIVAC CHPPI - N/A-N/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A-BR-G-RN-NOBIVAC KC - N/A-N/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A)-RN-NOBIVAC LG - N/AN/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A)-BR-SBR></td><td>U-Unclassifiable/unassessa ble</td><td>CA comments: immune-mediated haemolytic anaemia has been described within 2-4 weeks after vaccination, although data are conflicting (strength of association varies among studies). In the present case, time to onset is rather short (7 days - see pailor to 9 days for CBC). Furthermore, there is no evidence of haemolysis (no pigmented urines) nor IMMA (e.g. spience/cytosis - no blood snear done. Coombs' test not performed). Other causes of anaemia (including leptospress) showen to been investigated. Provided rather inconsistent turing and clinical pattern, are not sufficient for inclusion into the variety case of the consistent consistent turing and clinical pattern, are not sufficient for inclusion into the variety. Category either vaccine is O-unclassified Note: possible inadvertent injection of NOBIVAC KC solvent is not expected to be harmful</td></b<>	Leuccytosis.Neutropinia.yperne min.2Palor,Moncytosis.Decreased red blood cell count,Decreased haemoglobin,Decreased packed cell volume (PCV),Elevated SAP	No Data	OD: In a breeding, 20 Labrador Retriever dogs vaccinated with NOBINAC CL PPIP, NOBINAC EL, NOBI-VIA RAGE, NOBINAC EL, Ion one dog, solvent of NOBINAC EL, NOBI-VIA RAGE, NOBINAC EL, Ion one dog, solvent of NOBINAC EL, ONE ONE DE RESIDENCIA DE LA RESIDENCIA DEL RESIDENCIA DE LA RESIDENCIA DE LA RESIDENCIA DEL RESIDENCIA D	Retriever	Known	NOBI-VAC FAGE - N/AN/A.N/A N/AL dose, duration Cince, onest time: <7 days (13/03/2017 - N/A-BR-G-RN-NOBIVAC CHPPI - N/A-N/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A-BR-G-RN-NOBIVAC KC - N/A-N/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A)-RN-NOBIVAC LG - N/AN/A.N/A.N/A.1 dose; duration: Once, onest time: <7 days (13/03/2017 - N/A)-BR-SBR>	U-Unclassifiable/unassessa ble	CA comments: immune-mediated haemolytic anaemia has been described within 2-4 weeks after vaccination, although data are conflicting (strength of association varies among studies). In the present case, time to onset is rather short (7 days - see pailor to 9 days for CBC). Furthermore, there is no evidence of haemolysis (no pigmented urines) nor IMMA (e.g. spience/cytosis - no blood snear done. Coombs' test not performed). Other causes of anaemia (including leptospress) showen to been investigated. Provided rather inconsistent turing and clinical pattern, are not sufficient for inclusion into the variety case of the consistent consistent turing and clinical pattern, are not sufficient for inclusion into the variety. Category either vaccine is O-unclassified Note: possible inadvertent injection of NOBIVAC KC solvent is not expected to be harmful
NOBIVAC L4	FR-ANMV-17 CPVL 00372	France	Animal	Canine/dog	3 Month(s)	29/03/2017	31/03/2017	1	1	29/03/2017	Yes, <b R> Yes</b 	Facial oedema, Wheezing	No Data	To. Boston Terrier dog ligicated with NOBIVAC CHPR, NOBIVAC L4 (Recond Injection of primary course first injection was with Eurican brand). T-20 minutes: d displayed facial oedema, wheeing breathe. Injected with glucocorticoid. Uneventful recovery within 6 hours. Treatment of SAR: desamethasone 0.4 mg	; Boston Terrier	2.8	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; duration: Once; onset time: <20 minuste (39/03/2017- N/A) <8R>>NOBIVAC L4 - N/A,N/A,N/A, 1 dose; duration: Once; onset time: <20 minutes (29/03/2017-N/A) <8R>	B - Possible	CA comments: Clinical pattern (signs and timing and response to glucoconticod) is indicative of hypersensitivity reaction to a vaccine. This is commonly reported with vaccines in dogs, regardless vallencies. Previous injection of vaccine (although not the same brand) may have sensitized the dog. Respective role of each component of the vaccine is difficult to separate: NOBINAC CHPI and NOBIVAC L4 are. ProssSIMP classifier
	FR-ANN/V-17 CPVL 00401	France	Animal	Canine/dog	7.5 Year(s)	09/03/2017	04/04/2017	1		0 10/03/2017	R×GBR×GRYEs, <pre></pre>	cytology_Lher degeneration.ppetite loss_flewated SAP_Elevated loss_flewated SAP_Elevated SAP_Ele		DOL Labradon Retriever dog vaccinated with NOBINAC CHPP, NOBINAC L4 and NOBINAC RAGE. Withit J-2 days: it displayed womling and appetite los. No wet examination. D3.3 at vet examination of the carmination and the carmination of the carmination of the carmination of the carmination revealed: All carmination revealed: cholestasis and hyperechoic appearance of hepatic parenchyma (sight), Luter biopsy performed: cholestasis and hyperechoic appearance of hepatic parenchyma (sight), Luter biopsy performed: cholestasis and hyperechoic appearance of hepatic parenchyma (sight), Luter biopsy performed: cholestasis and hyperechoic appearance of the propriet of the propriet of the company of the cholestasis of the company of the cholestasis of the cholesta	Labrador Retriever	42	NGBINZ CHEPI- N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	O- Unclassifiable/unassessa ble	CA comments: Vet had concern about role of vaccination with challegible pattire reaction. First, vaccine associated cholangiophepattire, nearton. First, vaccine associated cholangiophepattire has no been described in dos, And a cytology revealed chonic cholangiophepattire, an "acute" idiosyncratic drug-associated hepotapathy is poonly plausible. Then, reversion of attenuated canine hepatitis virus is unlikely since CAV_used in vaccines to provide protection against canine infectious hepatitis, is responsible of respiratory disease and not hepatitis. Last, modified live vaccine can be immunosuppressive and could eliot. Ginical expression of a tent pathology. However, to our knowledge, no data are available in literature to confirm such hypothesis. No previous case has been reported to our database. Therefore, in abone of final outcome information, concurrent disease can't be ruled out. Role of NOBINVAC L4 and NOBINVAC C4 producing control of the notion of the notion of the nobinvAC C4 and NOBINVAC C4 producing can not not not not not not not not not no
NOBIVAC L4	FR-ANMV-17 CPVL 00600	France	Animal	Canine/dog	5 Year(s)	11/05/2017	22/05/2017	1	1	11/05/2017		Injection site pain, Anorexia, Injection site mass, Lethargy (see also Central nervous system depression in 'Neurological'), Pain NOS	No Data	DO. Maltere dog injected with both NOBIVAC 14 and RABIGESM NOWN. Note: first injection with Nobiboc 1A NOTe 2-2 vaccines in Julipticion sites (next), 14 bother on right side, halpen on left side. The same day, ones of lethangy 10 1 iethangy and anoresia D2: pain on both injection sites 0.4 at vet constitation, amoresia, lethangy, still grantful injection sites. nor nor interior on right side. Description of mass felthout peripheral cedema) of 5cm diameter on the right side. Normal body temperature. Injection of desamethasion. D5: animal much better, can extra disn't apathle. No more pain, testion at right injection of size and sind that the Normo pain, testion at right injection of size and control of reaction; or 2 of 3cm Days Duration of reaction; or 2 of 3cm Duration of reaction; or 3cm Spx Duration of reaction (precision); 5cd spx Resizon for treatment usucination Treatment of SAR: Dezamethasione Investigations: none Outcome of SAR: Favorable	Maltese	6.5	NOBIVAC L4 - N/A,N/A,N/A ,N/A,duration: once; onset time: < 6 hours (11/05/2017- N/A)=RRBR-RABIGEN MONO - N/A,N/A,N/A N/A N/A 1 dose; duration: once; onset time: < 6 hours (11/05/2017-N/A)=BR>-BR>	A - Probable	A comments: Considering injection site mass, there is strong time and anatomical connection with NOBIVAC Id-injection (right side of next). Local swelling is mentioned in SRC of NOBIVAC I.A. No septic contamination to be considered (decrease with contamination to be considered (decrease with controlled only, no abscess), Role of ROBIVAC Id is A, probable classified. Vet also mentions injection pain at 2D including left side (at 2D jut no further mass evolution. Role of RABIGEN remains 8-possible.

NOBIVAC L4	FR-ANMV-17 CPVL 00996	France J	Animal	Canine/dog	4 Year(s)	25/07/2017	02/10/2017	1	1 0	27/07/2017	Yes, GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>	Immune mediated haemolytic anaemia Pallor, Elevated total Billrubin, Decreased percentage reticulorytes, Regenerative anaemia Jaemolysis, Elevated AT, Elevated SAP, Yomiting, Anorexia, Decreased red blood cell count	No Data	DO-D22-D42: Crossbred dog (orignating Mauritius Island) vaccinated with CANILESH LYOPHILISAT ET SOLIVANT POUR SUSPENSION INIECTABLE POUR CHIENS D64: vaccinated with NOBNAC L479. DOS NOBNAC C479. D66: displayed anotexia, somiting 070: resented with wonting, pallor, D71: Blood work-up yielded elevated AT [153 U/L), SAP (202 U/L) and total bilirubin (12.3 mg/L). C81 chowed, haemolysis, decreased hearmogloin (8 g/d). C81 can blood mear submetted to patrologist. Anisocytosis, polychromasis, rouleaus of R86L, no polikiocytosis. According to patrologist regenerative aneamosis, immune nediated hearmolytic ansensis aspected. D75: normal ALT and bilirubin (creased SAF, but dog had received gluccoroticol). Follow-up report on 02/10/2017: 071: R62. 4.5 T/L, hearmogloin 6.6 g/d), increased mean globular volume: reticuloque-224 G/L. Marked anisocytosis and polychromasis, numerous rouleaus of R86L. Pathologist considered markedly regenerable hypocomic normocyte amenia, consistent with prepiberal namenia. Rouleaux indicative of hyperproteisers (not performed). D7.15 29 4810 (L), Bullanbi S.S mg/L (275. spetter mild) crown of hyperproteisers (not performed). D7.15 29 4810 (L), Bullanbi S.S mg/L (275. spetter mild) crown of hyperproteisers (not performed). D7.15 29 4810 (L), Bullanbi S.S mg/L (275. spetter mild) crown of hyperproteisers (not performed). D7.15 29 4810 (L) Bullanbi S.S mg/L (275. spetter mild) commission of membra beat normal superior proteins of proteins (275 P). Subesidist. regative blood unnear and microbalbesia test.	Crossbred	15	CANILEISH LYOPHILISAT ET SOLWANT FOUR SUPENSION INIECTABLE POUR CHEWS-N/RA/RA/A/A M/A-1 dose, duration: 03/07/2017; neutre time: 24 days/3rd inj. (22/05/2017-N/A-1/A-A). A/A-1 dose, duration: 00.07/2017-00.07/A-1 dose, duration: Once, onset time: 48 hours (25/07/2017-N/A-1/A-A). A/A-1 dose, duration: Once, onset time: 48 hours (25/07/2017-N/A-1/A-A). A/A-1 dose, duration: Once, onset time: 48 hours (25/07/2017-N/A-1/A-A). A/A-1 dose, duration: Once, onset time: 48 hours (25/07/2017-N/A-6/B6/B6/B6/B6/B6/B6/B6/	O - Unclassifiable/unassessa ble	CA comments: Vet had concern regarding vaccine- associated haemolyte an anemia. Haematology (elevated total blutkin, haemolysis, regeneration) is partially consistent with immune-mediated haemolytic anemia (MMAL). Presence of RBCs rouleaux can be indicative of immune-mediated process, but is non-specific. No meeting of Cases). In nor spherocytosis, which is usually considered as hallmark of IMMA (present in more than 970 of Cases). In nor study, there was a higher association of IMMA (25%) in second of IMMA (15%) of Cases). In one day: IMMA 1996;10(3):280-295), However, such study, there was a higher association of IMMA (25%) in second to the IMMA (15%) of Cases). In one day: IMMA 1996;10(3):280-295), However, such storing association was not confirmed other studies: only 4% of recently vaccinated dogs ("Immune- mediated hemolytic anemia: 70 cases (1588-1996)"; IAMAH 1996;31(5):388-391), or no significant difference with control group ("Progragette Study of TO Dogs", NMA 2002;16(5):390-599). Direct causation has not been conclusively established, but vaccination may be a nonspecific trigger that a chvates macrophages, heightens an inflammatory condition, or deregulates the balance of the immune system (e. g type il hypersensityli), in the present case, regenerative anaemia was evidenced 1 week after
NOBIVAC L4	7R-ANNW-17 CPVL 01128	France /	Arimal	Canine/dog	4.5 Year(s)	03/12/2016	29/12/2017	1	1 1	01/12/2016	ves	Death,Optic nerve discovery and the state of	No Data	December 2016. German Spitz Loug dog ligieted with NOBIVAC L4. Note: second injection of primary course (first lightection 3-4 weeks earlier). Around 2-5 weeks later, owner contect moments when the dog could bump into objects. At vet clinic, cliagnosis of vision impairment. In february-march 2017, treatment with controlled, without real improvement. In June 2017, treatment with CANDILAT: no real effect. In june 2017, RMI showed "lesions exocative of optic neutris". Treatment with Anathstoprine schedule-D ong is blind Phonoceal and written follow-up; tate august 2017, after quick loss of condition/weight (falling), the dog died. Blood count, the day before, had shown no anomaly. No necropsy. Treatment of SAR: corticoids CANDILAT ND	German Spitz-Pomeranian	4.5	NOBINYL 14 - N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	Q1 - Inconclusive	A comments: The question of relationship between vaccination (pagint hepatitis, revealine, measles) and onset of optic neutritis is raised in human medicine. Such coular (reto bubbar neutritis) is described after (infectious) immunization, with measles for example, but less frequently after vaccination. Onset of ocular effects and lessions such as leratitis (comeal oedema, evertually "Tube ey") is described in dogs after Canine Varil Repatitis. Inc ace of such lesions, bildindess is compatible. Time to onset is more frequently 8-12 days, which here stays compatible. But here, no comeal lesions in described and can't explained lesion to between the NM. One case of sudden substancion veilules of "bubbar of the company" of the patient of the company
NOBIVAC L4	FR-ANNIV-17 CPVL 01184	France /	Animal	Canine/dog	18 Month(s)	06/07/2017	07/09/2017	1	1 0	06/09/2017	Yes, <b R> Yes</b 	Trembling	No Data	Do aftermoon: A Yorkshire Terrier dag was vaccinated with NOBINACL Land NOBINAC CIPP (annual booter dose) to gave observed by ver for 30 min after vaccination (owner very amousu, DO bits evening dog displayed trembling, improvement after the owner put it in her bed. D 4 a.m. new termbling crists I ommigs, at vet examinations no trouble, buston of reaction. Ger = 12 house Duration of reaction (precision): Ongoing (12h). Reason for treatment: Preventive Treatment of SAR: None Outcome of SAR: Favorable	Yorkshire Terrier	3	NOBIVAC CHPPI - N/A.N/A.N/A N/A.1 dose, duration: Once; onset time: A few hours (06/07/2017- N/A:BBS-SR-NOBIVAC L3 - N/A.N/A.N/A.N/A.N/A.N/A.N/A.1 dose; duration: Once; onset time: A few hours (06/07/2017-N/A) -SR>-	O1 - Inconclusive	CA comments: Time to onsort of troubles is compatible with an effect of vaccination but troubles is difficult to explain. Usually, trembling was associated to pain, hyperthermian or peneral illness, not observed in this case. Furthermore, chronology (with improvement and releipse a few hours later and spontaneous recovery) is not in line with vaccine adverse effect. With available information, relationship with the vaccination is unclear, and might be incidental: NOWINCL 14 and NOBIVAC CHPI are both 01-inconclusive classified.
	FR-ANNIV-17 CPVL 01236	France J	Animal	Canine/dog	3 Year(s)	15/09/2017	25/09/2017	1	1 0	15/09/2017	Yes, >B R>-BR>-BR>Yes, >BR>< BR> Yes	VomitingPustules,Facial swelling (see also 'Skiri')	No Data	Do afternoor: Chihuahua dog vaccinated with RABISH, NOBINAC LI, NOBINAC LIPPI (Innual bootset), 30 mileutes after it displayed radia solvelline, vomiling and putules (NOS), injected with desamethasone. Dit morning: recovery. Duration of reaction: <or> precision): £12 hours Reson for treatment: Preventive. Treatment of SAR: Devazone. Investigations: None. Outcome of SAR: Favorable </or>	Chihuahua	3.5	NOBIVAC CHPPI - N/A.N/A.N/A N/A.1 dose, duration: Once, onset time: 30 minutes (15/09/2017 - N/A/sBB>-GBN-NOBIVAC L4 N/A/NAN/A N/A.1 dose, duration: Once, onset time: 30 minutes (15/09/2017-N/A/BBN-SBN-RABISIN - N/A.N/A.N/A. N/A.1 dose; duration: Once, onset time: 30 minutes (15/09/2017-N/A) N/A/SBN-GBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-S	B - Possible	CA comments: Vomitting and facial oedema are consistent with immediate hypersonstituthy reaction to vaccine, usually observed within hours after vaccination, as in this case. Response to supportive care (glacocorticoid) is in line with such mechanism of reaction. Similar cases have been reported with this vaccine. Role of each vaccine is difficult to evaluate: each is B-possible classified.
	FR-ANMV-17 CPVL 01356		Animal		Not Known	09/10/2017	11/10/2017	1	1 0	09/10/2017	Yes, <br R> Yes</br 	Abdominal pain, Vomiting, Tense abdomen	No Data	DD. A Bichon Fried dag was succinated with NOBINAC CHPP and NOBINAC L4.1 hour later, it displayed voniting and abdominal pair. 2 bout site, at wet examination, abdominal pair and tense abdomer. Ultraconographic examination in no anomaly Cerenia and antalgic injection. D1 morning: slight improvement. Duristion of reaction: or =24 hours. Duration of reaction (precision): Ongoing (< 24 h) Reason for treatment: Preventive Outcome of SAR: Unknown	Bichon Frise	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; duration: Once; onset time: < 1 h (09/10/2017- N/A) -BR>NOBIVAC L4 - N/A,N/A,N/A N/A,N/A dose; duration: Once; onset time: < 1 h (09/10/2017- N/A) -BR>-	O1 - Inconclusive	CA comments: Digastive troubles are sometimes mentioned within Jour after as vocation to but usually vomiting / diarrhose (due to hypersensitivity, vagal or systemic reaction), teme addomen eneer registrend. Observed troubles are poorly specific and in absence of outcome, other contributing factor are possible. Relationship with the vaccination is unclear, and might be inclorated: NOBINAC CPPPI are NOBIVAC L4 ar O1-inconclusive classified.
NOBIVAC L4	FR-ANMV-17 CPVL 01523	France /	Animal	Canine/dog	3 Month(s)	13/11/2017	14/11/2017	1	1 0	13/11/2017	Yes, <b R> Yes</b 	Tachycardia, Lethargy (see also Central nervous system depression in 'Neurological'), Polypnoea	No Data	T0:3 months-old Bernsex Mountain Dog puppy vaccinated with both NOBINAC LIPP and NOBINAC is (second injections of prime-vaccination). 1-30 minutes: Indepleyed tarthy-ranks, oplypnose and lethargy, injected with decamethssone. Duration of reaction: cor = 1 hour Duration of reaction (precision)-capping (dominutes) Reson for treatment: Preventive (second injection of primo- vaccination) Treatment of SAR: Dexamethasone Investigations: None. Outcome of SAR: Unknown	4 Bernese Mountain Dog	14	NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: 10 minutes (13/11/2017-N/A)-BRBR-NOBINAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: 10 minutes (13/11/2017-N/A)-BR>- 	B - Possible	CA comments: Time to onset is strongly consistent with vaccinal reaction. Clinical pattern are consistent with hypersensithity reaction feven no observed angloedems or unitorain frequently associated with systemic signs). Previous vaccinations may have sensitized the animal. Given strong time association, there is no valid afferrate cause; role of each vaccine remains difficult to evaluate. Each is 8-possible classified.

NOBIVAC L4	FR-ANMV-17 CPVL 01629	France	Animal	Canine/dog	4 Month(s)	18/11/2017	11/12/2017	7 1	1	0	21/11/2017	R> Yes,	Crying Decreased appetite, Hind limb atxial pecreased activity/cricing - Heawtorial disorder (see also Neurological disorders)	No Data	DO: Cavaller King Charles Spaniel dog vaccinated with EURICAN DAPPI LYOPHILISAT ET SOLVANT POU SUSPENSON INIECTABLE, associated with RABISIN and NOBIVAC L4. Note: third injection of primary course (previously with vaccines from warous other brands). Dit it dipalayed hillim bataxia, with circling. At wet examination, dog also trying to catch absent Phying objects (as if flies around ears), Owner also observed a decreased applicite, animal less active and often crying. 22 (thou days before wet phonecall): still same troubles, but increasing. No nystagmous or anisocoria at wet examination. Neurological earn in propiders. No olists, no observable gain, but dog doesn't want to be touched anymore. Duration of reaction: c or = 30 days Duration of reaction (precision): ongoing (3 weeks) Reason for treatment: vaccination Investigations: Distemper Outcome of SAR: Unknown	R Cavaller King / Charles Spaniel	3.3	EURICAN DAPPI LYOPHILISAT ET SOLVANT POUR SUSPENSION INICTABLE - NA/NA/NA/NA/NA/A N/A1 dose; duration: once; onset time: 2-3 days (1811/12018—18-8-BR-NGBINAC L4 - (1811/12018—18-8-BR-NGBINAC L4 - (1811/12018—18)-(1888—18-8-BR-RABISIN - N/AN/NA/NA/NA/NA/NA/A1 dose; duration: once; onset time: 2-3 days (1811/12017—N/NA/BR-S-BR-RABISIN - N/AN/NA/NA/NA/A1 dose; duration: once; onset time: 2-3 days (1811/12017—N/NA/BR-S-BR-S-BR-S-BR-S-BR-S-BR-S-BR-S-BR-S	O1 - Inconclusive	CA comments: Clinical pattern described by vet is poorly specific but signs of sudden activity, circling, stiffness seemed to evoke a diffuse paintly undrown, potentially compatible with the hypothesis of acute canine polyradiculometris (ACP). This has been reported in dogs 1 or 2 weeks after vaccination. This condition is similar to Guillain-Barer Sydrome (GIS) observed in humans. Aetiology of this syndrome is not clear, currently considered as a immune conflict resulting of multiple factors. In humans, trigger can be a recent vaccination (less than 6 weeks) or vial or bacterial infection. In this case, time to onset is much shorter than commonly reported, Later distemper infection could also be considered, but no mention of occular, cutarents or reprintancy signs, Relationship with vaccines is poorly likely, but data are not sufficient for inclusion in the Nursible's Lesproy (no result of investigation about distemper, necessors). EVESCAM PLUS DaMPI, MASIN and NOBIVAC L4 all remain O-unclassified.
	FR-ANMV-18 ANMV 00120	France	Animal	Canine/dog		03/01/2018	13/01/2018	8 1	1	0	08/01/2018	Not Known, BR >BR>BR>BR>BR> Not Known	Hyperthermia, Hot spot (pyotraumatic dermatitis)	Not Known	A Female bernese mountain dog (5-year-old, weighing 47 kgl was vaccinated SC between the soulders with NOBINAC CHP9I and NOBINAC Lin on 30/01/2015. Five days later the birth displayed hyperthermi [33.8°C] and hot spot at the leighct on and of the vaccines. The owners (lappet the birth and consulte the veterinarian. Treatment with one melonicam injection, artibiotics jamoxicilin + clavulanic acid) and PREDNIDERM (cutcome is orgoing. Note: the veterinarian specifies that the birth had previously developed hot spots. Duration of reaction: 5 days Reason for treatment: vaccination	d		NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; duration: once; onset time: 5 days (30/1/2018- N/A) -SBR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: once; onset time: 5 days (03/01/2018-N/A) -SBR>	B - Possible	CA comments: Time to onset and nature of the signs reported (hyperthermia), but sool are very exocable of a post-vaccional reaction that may occur after any vaccines. Furthermore hot spots have already been observed in this doy, Since 2 vaccines were injected simultaneously, it is not possible to determine the exact role of leach of them. Therefore, the role of NOBING CHPP and NOBINGC L4 are assessed B- nossible.
NOBIVAC L4	FR-ANMV-18 ANMV 00141	France	Animal	Canine/dog	2.5 Month(s	16/01/2018	16/01/2018	8 1	1	0	16/01/2018	Yes, <br< td=""><td>Reddening of the skin,Erythema (for urticaria see Immune SOC),Pruritus,Facial oedema,Lip oedema (see also 'Skin')</td><td>No Data</td><td>On 16(07/2018, a 2.5 year-old French Buildog was vaccinated with NOBIVAC CHPRI and NOBIVAC LA 2.5 hours later, the dog displayed facial ocedem with tenchor/calcip nurius and express, residently and lip oedema. The dog was treated with contamethazone. At the time of reporting (on 16/01/2018) the outcome is unknown. Reason for treatment: Vaccination</td><td>French Bulldog</td><td>3.4</td><td>NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; duration: once; onset time: 2.5 hours (16/01/2018- N/A)<8R>-NBIVAC L4 - N/A,N/A,N/A, I dose; duration: once; onset time: 2.5 hours (16/01/2018-N/A\cRR>>BR></td><td>B - Possible</td><td>CA comments: Time to onset and clinical signs are consistent with an hypersensitivity reaction, which is a known side effect of vaccines. Since 2 vaccines were injected simultaneously, it is not possible to determine to exact role of each of them. Thus, both are B- Possible assessed.</td></br<>	Reddening of the skin,Erythema (for urticaria see Immune SOC),Pruritus,Facial oedema,Lip oedema (see also 'Skin')	No Data	On 16(07/2018, a 2.5 year-old French Buildog was vaccinated with NOBIVAC CHPRI and NOBIVAC LA 2.5 hours later, the dog displayed facial ocedem with tenchor/calcip nurius and express, residently and lip oedema. The dog was treated with contamethazone. At the time of reporting (on 16/01/2018) the outcome is unknown. Reason for treatment: Vaccination	French Bulldog	3.4	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; duration: once; onset time: 2.5 hours (16/01/2018- N/A)<8R>-NBIVAC L4 - N/A,N/A,N/A, I dose; duration: once; onset time: 2.5 hours (16/01/2018-N/A\cRR>>BR>	B - Possible	CA comments: Time to onset and clinical signs are consistent with an hypersensitivity reaction, which is a known side effect of vaccines. Since 2 vaccines were injected simultaneously, it is not possible to determine to exact role of each of them. Thus, both are B- Possible assessed.
NOBIVAC L4	FR-ANMV-18 ANMV 00155	France	Animal	Canine/dog	3 Month(s)	18/01/2018	18/01/2018	8 1	1	0	18/01/2018	Yes, <b R>BR> Yes, BR> </b 	eyes,Groaning,Inappropriate	No Data	A 3-month-old female Abita Inu was vaccinated with EUBICAN DAPP, RABISHN and MOBINAC L4 on 10/10/2018. Five numbers after injections, the puppy was amorphous and displayed physoterison, pale mucous membranes, sunken eyes, defecation and groaning. Treatment with one injection of Solumedrol, Nat IO Syperfluxion and oxygen. The puppy recovered within 1 hour. Duration of reaction: 1 hour Reason for treatment: Primovaccination	Akita	9	EURICAN DAPPI LYOPHILISAT ET SOLVANT POUR SUSPENSION INIECTABLE - N/AN/AN/A N/A ONSET TIME STATE STATE AND	B - Possible	CA comments: Time to onset and reported clinical signs are compatible with an anaphylatic-type reaction. Such hypersensitivity reactions are well- known possible side effect of all vaccines. As three products were administered concomitantly, it is not possible to distinguish their respective roles. Therefore, the role of EURICAN DAPPI, RABISIN and NOBINAC. L4 are assessed 8-possible.
NOBIVAC L4	FR-ANIMY-18 ANIMY 00161	France	Animal	Canine/dog	3 Month(s)	18/01/2018	18/01/2018	8 1	1	0	18/01/2018	Yes, Yes, 4BR> Yes, 4BR> 	Facial oedema	No Data	A 3-month-old female Golden Retriever was injected SC EURICAN DAPP and RABISHO on the left shoulder, and in asset mine NOBINCL 4 on the right shoulder. The puppy sloped facils older hours after the injections. Treatment with DEXAZONE (0.1 ml/kg). The puppy recovered 2 hours later and returned home with prescription of HISTADERM for 4 days. Duration of reaction: 2 hours Reason for treatment: vaccination	Golden 3 Retriever	8.6	EURICAN DAPPI VOPHILISAT ET SOLVANT POUR SUSPENSION INNETTABLE - NAN/AN/A, N/A,1 dosse; duration: once; onset time: 3 h (18/01/2018-NA/A,1/A,1 dosse; duration: once; onset time: 3 h (18/01/2018-NA/A,1/A,1 dosse; duration: once; onset time: 3 h (18/01/2018-NA/A,1/A,1 A,1 dosse; duration: once; onset time: 3 h (18/01/2018-NA/A,1/A,1 dosse; duration: once; onset time: 3 h (18/01/2018-NA/A,1) dosset duration: once; onset duration: once; onset d	B - Possible	CA comments: Tacial cedema is compatible with a type-1 hypersenibly reaction. Such reaction is regularly reported with vaccines. At three products were injected similaraneously, it into possible to distinguish their respective roles. Therefore, the role of EURICAN DAPPI, RABISIN and NOBIVAC L4 are 8- Possible assessed.
NOBIVAC L4	FR-ANMV-18 ANMV 00353	France	Animal	Canine/dog	1 Year(s)	10/02/2018	14/02/2018	8 1	1	0	10/02/2018	Not Known,
 Not Known</br 	Facial oedema,Allergic reaction,Ernesis (multiple)	Not Known	On 10/02/2018, a 1-year-old German Spitz was vaccinated with NOBIVAC L4 and RABIGEN MONO. Two hous leter, the dog follogived allergic reaction with severe energies and facial oedems. After treatment with Cereira and Decamedum (FC), the emess and facial oedems accinationed. But 1 hou later, the facial oedems increased with severify and the dog was hospitalised, put on drip and treated with Decaderon and Omization (IV). The facial oedem discontinued 30 minutes liter. Total recovery on 12/02/2018. Duration of reaction: Duration of reaction (precision): 2 days Reason for treatment vaccination.		8.5	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; onset time: 2 hours (10/02/2018- N/A) <rabigen -<br="" mono="">N/A,N/A,N/A,N/A,1 dose; onset time: 2 hours (10/02/2018- N/A) <</rabigen>	B - Possible	CA comments. Time to onset and clinical signs described are highy compatible with hypersensibility reaction due to vaccination. The recovery after treatment with corticoids is in favor of the role of vaccin. The flowersy since 2 vaccines were injected simultaneously, it is possible to determine the role of each, for this reaction, each vaccine is assessed B-
NOBIVAC L4	FR-ANMV-18 ANMV 00437	France	Animal	Canine/dog	3 Year(s)	26/01/2018	24/02/2018	8 50	1	0	26/01/2018	Not Known, BR >BR>BR>BR> Not Known	Facial swelling (see also 'Skin')	Not Known	50 French Bulldog were vaccinated with NOBIVAC RAGE and NOBIVAC L4. Less than 6 hours later, one dog displayed facial swelling. The dog recovered 24 hours later without treatment. Duration of reaction: < or = 6 hours Duration of reaction (precision): 24 hours Reason for treatment: Preventive	French Bulldog	12	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; duration: Once; (26/01/2018- N/A) >NOBIVAC RAGE - N/A,N/A,N/A,N/A,1 dose; duration: Once; (26/01/2018-N/A) 	B - Possible	Posistion CA comments: Facial swelling is compatible with a type: 1 hypersensitivity reaction. Such reaction is sometimes reported with vaccines. As two products were injected simultaneously, it is not possible to distinguish their respective roles. Therefore, the roles of NOBIVAC RAGE and NOBIVAC L4 are B-Possible assessed.
	FR-ANMV-18 ANMV 00474	France	Animal	Canine/dog	7 Year(s)	27/02/2018	27/02/2018	8 1	1	0	27/02/2018	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Quincke's oedema	Not Known	A 7-year- old female Pug was vaccinated with NOIDIVAC CHPPI, NOIDIVAC 14 and NOIDIVAC RAGE on 270/27/2018. One our and fifteen minutes later, the bitch objected positives oceans. Treatment with injection of DEXADRESON and close monitoring of the bitch. Outcome is ongoing. Reason for treatment: vaccination	Pug	8.2	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; [27/02/2018- N/A\SBR>-SBR>NOBIVAC L4 - N/A,N/A,N/A,1 dose; [27/02/2018- N/A)+BR>-BR>NOBIVAC RAGE - N/A,N/A,N/A,1 dose; [27/02/2018-N/A)+BR>-SBR>	B - Possible	CA comments: Culricke's oedems is a possible and well-known adverse effect of vaccines. As three products were administered concomitantly, it is not possible to distinguish their respective roles. Therefore, the role of NOBIVAC CHPP, NOBIVAC L4 and NOBIVAC RAGE are assessed 8-possible.
NOBIVAC L4	FR-ANMV-18 ANMV 00597	France	Animal	Canine/dog	4 Month(s)	12/03/2018	16/03/2018	8 1	1	1	14/03/2018	Not Known, BR > BR>BR> Not Known	Found dead	Not Known	On 12/03/2018, a dog (4 m-o yorkshre) was vaccinated with NOBINAC CHP and NOBINAC L4. On 14/03/2018 in the morning, the animal was found dead. Reason for treatment: Preventive	Yorkshire Terrier	2	NOBIVAC CHP - N/A,N/A,N/A,N/A,1 m; duration: Once; orset time: 2 days (12/03/2018- N/A) https://doi.org/10.1016/n/A,N/A,N/A,1 ml ; duration: Once; onset time: 2 days (12/03/2018-N/A)		

NOBIVAC L4 FR-ANM	NV-18 CPVL 00080	France	Animal	Canine/dog	6 Year(s)	09/01/2018	16/01/2018	1	1 0	09/01/2018	Yes, 	Pruritus, Facial o edema	No Data	TO. Boston Terrier dog received its annual booster dose of NOBINAC LYPP, NOBINAC L4 and NOBINA RAGE. T-1H: R displayed facial toderes, with puritus Deaderson injection. T-21± almost total recovery, Recovery with a few hours. Duration of reaction: cor = 6 hours. Duration of reaction (precision): 1 few hours. Reason for treatment. Preventive Treatment of SAR: Dexadreson injection Outcome of SAR: Favoriable DUIS SAN: SAN: Favoriable DO: Swiss Jura Hound dog vaccinated with NOBINAC CHP - NOBINAC L4 (booster vaccination; when	Not Applicable		NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,O,A/A,C,CHPPI - N/A,N/A,M/A,N/A,O,A/A,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C,C	B - Possible	CA comments: Clinical signs are indicative of immediate hyperarelistivity. Time to nore it is consistent with speculated mechanism of action, and apid recovery is in line. Pervious injection of other vaccine may have sensitized the dog, but similar reactions have been reported after first injection of primary course (even if difficult to explain). The role of each vaccine is difficult to evaluate. Each is B-possible classified. CA comments: initial phase of signs (swelling at
		rrance	Anmai					1	1 1		R>€BR>∀BS	odema, Leucopenia, Neutropenia, Circultory shock, Musicle stiffness, Skin odedma, Death, Hyperthermia, Hypo hermia, Cardiac depression, Lateral recumbency, Respiratory depression, Dehydration, Lockjaw, Ruducel level of Consciousness, Elevated BUN, Elevated creatinine, Emesis (multiple), Increased packed cell volume (PCV)	NO Data	younger, primary course with NOBINAC CFP - NOBINAC LEPTO). D.1: dog presented with slight oedem at injection site. Good general condition, normal appetite. Local care, surveillance. D.2, 11:00: presented with hyporthermia (APC). Skin oedema (sternum). Oedema at injection site had recolved injected with glucocortical, directived with melocizan. In the afternoon (17:00) presented with stiffness and lockjaw, then lateral recumbency, hypovolaemic shock, hypothermia. It had vomited several times, Glucocorticola, attender and exitations, fluid therapy, Once shock controlled, the dogward able to wait for 2 hours, then remained recumbent. During the night (12:00), relapse of hypovolaemic shock, with dehydration, aftered level of consciousness, softlenss, Blood work-rep showed increased PCV (PCV 95%, haemoglobin 19 (dl.), slight elevation of BIUM (1.3 g/l.) and creationic (2.6 mg/l.) relating to dehydration. CRE: mild lecocopies (3 G/l.) and retropean (12.9 G/l.). Peaples supported care, condition worsened: a few hours later (3:00), the dog displayed respiratory and cardiac depression and delar functional fractions. Cred = 8 hours Juntino of reaction (precision) < 2 days Reason for treatment and booster Treatment of SAR. Arnica desarmethsoine 0.2 mg/lg. Reason for treatment and David Park and Cardiacomic properties of the degree of the of the deg			dose, duration: Once, onset time: < 24 hours (99/02/2018- N/A)+BR>-GR-NOBINAC, NAIA- NA/NA/NA/NA A/NAI dose; duration: Once; onset time: < 24 hours (09/02/2018-N/A)+BR>-GR>		injection sitely is consistent with a local reaction to a vaccine. Hyperthermic anche bindicate of a systemic reaction to a vaccine, but delayed onset (16-48 hours) is longer than usual. Sternal ocelans a sidifficult to interpreta, a coedema at injection site has resolved therefore, complication of local reaction seems not likely). State of shock was observed 2 days after injection of vaccine this delayed onset is inconsistent with a new part of the state of the state of the state of which was no signs within bour post vaccination, at stealar release of relactorieries (which has been associated with hippiasic anapplaydatic reactions in Indicate with hippiasic anapplaydatic reactions in Indicate post of partitions. Vaccine associated with hippiasic anapplaydatic reactions in Indicate post of partitions. Vaccine associated post vaccination (hipe III hypersensibility mechanism, see south at ea.1 Polypratrist sollowing vaccination four dopt. Vet Comp Orthop Traumatol. 2003.16(1):5–10 for sto welling in this dog. Papart transient local reaction, global clinical pattern and trained and based only finding (Walters Ade et al. Comparison of clinical Indings between dogs with supposed anapplysals and dogs with confirmed
NOBIVAC L4 FR-NLINTITION	TVINT-2013-FR-00932	France	Animal	Canine/dog	2 Month(s)	26/11/2013	06/12/2013	1	1 0	26/11/2013	Not Known, BR>BR>BR>BR>BR>Known	Injection site lump	Not Known	The puppy was vaccinated with NOBINAC L4 and NOBINAC CH9P on 28-Nov-2013. The vet did not change the needle between punctures in the valiand injections in the animals. Sim. The lipiction sits ware desirefacted with alcohol. Some hours later, a mass appeared at the injection site of NOBINAC (The vet knows caretty where are the both injection sites). The dog received corticols and antibiotic during 28 hours. On 28-Nov-2013, the mass became bigger. The vet decided to puncture the mass an enemoed 50 not of acroum (no puncher material). A compressive plaster was put but the animal dan to keep it. At the time of reporting, the mass is still present (size of 10 cm x 10 cm) and is indurated. Outcome was unknown.	Rottweiler		NOBIVAC CHPPI - NI/AN/AN/A N/AL Dose (EGI/17/033- N/A)-BBS-GR-NOBIVAC L4 - N/AN/AN/AN A/A/A/A Dose (26/11/2013-N/A)-BB> 	A - Probable	CA comments: The reported dromology and sigm, as well as the anatomical connexion between the reaction and the site of lispection, are strongly suggestive of an effect of NOBIVAC L. Inflammatory lumps at the injection site (busully pensisting for a few days to weeks) are well-known possible effects of the product fand other vaccines], documented in the SPC. Therefore, the right of NOBIVAC L. is assessed: A (Probable), as the vet is sure about the precise commencing clearly possible to NOBIVAC L. it as assessed in (Probable), as the vet is sure about the precise commencing clearly possible to NOBIVAC L. it has for NOBIVAC CLIPPI is assessed in (Unilikely), beyond reasonable forces.
		France	Acrimal		1 Year(s)	25/03/2014	29/04/2014	1	1 0		Yes, SBS-GBN-dB -GBN-GBN-DBN- GBN-GBN-BBN- BBN-GBN-GBN- RN-GBN-GBN-GBN- GBN-MOT	VomtingAppetite loss.Lack of efficacyAgathy, Decreased red blood cell count	Other	The dog wax vaccinated with NOBINAC L4, NOBINAC CH9 and NOBINAC RAGE on 25 Mar 2014 without any abnormal symptom during the examination. It was also excinated with PRODOG on 4 Apr. Examination on 7 Apr, the dog displayed apathy and loss appetite and its hierantorit is low. The owner indicated the sign occurred the day of vaccination with NOBINAC vaccines. She also mentions vonsiting on 5 Apr. Liver and renal biochematry is quite normal. Proplasmosis is suspected by the vet. Dog treated with antibiotics (refaleation) and corticolise. It has been referred today to the Lyon veterinary school for transfusion because its haematorit is still very low. Leptospirosis is not completely exclude, analysis are planned. Follow-up 17 Apr 2014. Blood smear confirmed babesions: The dog recovered after hospitalization at Vet school, treatment with methylpredinsionen, omprazole, encoagrante, doxycycline, perfusions and transficiant of wice. Correction of Initial report: This case was reported as SAR for the Nobhaca vaccines but as SLEE for Pirodog (in the initial report it was entered as SAR for all products). No more information is expected. Duration of reaction: 23 days Reason for treatment: Vaccination	Chihushua		NOBINAC CHP - NIA,NI/A,NIA,NI/A,1 Dose; dustino: None; [25/03/2014 NI/A;BBS-GBN-NOBINAC L3 - NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,		Co. comments: Signs of apathy, appettle loss and vountiling, reported yourning on the day of or vaccination (and the day after for PRDODOG), are compatible with poor vaccinal reactions. Such troubles, though rather unspecific, are well-known possible side-effect or vaccinal reactions. Such troubles, though rather unspecific, are well-known possible side-effect or vaccinals react of ferbite and/or hypersensitivity reactions. However, decreased haematoris in much more unspected; the vet also suspects proplasmoss and further analyses are pendings. So, it is possible that the dog was already suffering underlying health issues, even if sequence in inte unsugests that uccination may have placed as role in the onset of signs. Therefore, overall assessment its Possible Profit work polythy/2012 at Besidosis could be confirmed by analysis. Therefore, the role of all three NOBIVIAC access is reassessed of Unitedleyl. Regarding a possible lack of efficacy of PRODOG, instruction of the profit o
NOBIVAC L4 FR-NLINT	TVINT-2014-FR-00339	France	Animal	Canine/dog	5 Year(s)	19/04/2014	17/06/2014	1	1 1	22/04/2014	No, <b R>BR> Yes, ER> Yes</b 	Diarrhoea, Vomiting, Hepatitis, Liver tumour, Uraemia, Death, Decreased appetite, Weight loss, Apathy, Coughing blood, Pancreatitis, Metastatic tumour, Elevated liver enzymes, Elevated creatinine, Abdominal cavity haemorrhage	No Data	A dog was vaccinated with NOBIVAC L4 and NOBIVAC RAGE on 22 Mar 2014. Booster injection of NOBIVAC L4 on 19 Apr. Within the 2 injections, the dog lost about 2 kg, no other sign reported. It received 1 table of RAWACTO 1000 MC COMPRIMES A CROQUER POUR CHICADS DE GRANDE TRAILE (> 20–40 NG) on 20 Apr. 2014. 48 hours later, on 22 Apr, it started to display apathy and decreased appetite for 15 days, on 11 May, it displayed wornting and darfonce. It received CRETAIN (namoptation and ZENTONILI (flood for liver function support), on 2 May, elevated liver enzymes, uremia, elevated creatisine, hearmorpiac cough, elevated amylase (girps or Jancreatistis). Treceived DEXADRESON (dexamethasone), hepatrine, perfusion, transfusion but died the following right. Necropsy showed sign of hepatitis and hearmorthages in the abomen. Further analysis should be performed on liver and spleen. Awaiting for the results. Follow-up 9 May 2014: histology showed mutifocal infiltration of the liver and spleen by carcinoma with vascular emboli.	Australian Shepherd Dog	18.5	BRAVECTO 1000 MG COMPRIMES A CROQUER POUR CHIENS DE GRANDE TAILLE; De 2-04 MCB)- N/AM/AN/A M/AL Tablet; duration: Once; onset time: 48 hours (20/04/2014- M/A-BBBR-NOBINAC L4- M/A-MAN/A M/AL Dose; duration: Once; (15/04/2014- N/A/SBBR-NOBINAC RAGE - N/AM/AN/A M/AL Dose; duration: Once; (20/03/2014-M/A)-BBBB>-	N - Unlikely	CA comments: The reported chronology and signs are quite poorly evocative of a possible effect of the products. Furtherine, necropsy and instology allowed to confirm an alternate cause (carcinoma). Thus, the role of the products is assessed: N (Unlikely).

NOBIVAC L4	FR-NUNTVINT-2014-FR-00446	France	Animal	Canine/dog	5.5 Year(s)	22/05/2014	17/12/2014	1		R>< <bi BR:</bi 	s, <b Yes, kR> < KR> Yes</b 	Blindness, Mydriasis	No Data	The blich was vaccinated with NOBIVAC CHP, NOBIVAC RAGE and NOBIVAC L4. 48 hours after vaccination, the animal displayed blindness. On 28 May 2014, the animal developed acute blindness with mydriast. Breyshal and retine were intact. The animal was in good condition (in disbetes, no neurological disease reported). Outcome was unknown. Awalting the results of investigation. Follow- up 17 Dec 2014: No further details available, case closed.	Not Applicable	Not Known	48 h (22/05/2014- N/A)4BR-9BR-N0BIVAC L4 - N/AN/AN/AN /A L Dose; duration: Once; onset time: 48 h (22/05/2014- N/A)4BR-9BR-N0BIVAC RAGE - N/AN/AN/A, N/A, L Dose; duration: Once; onset time: 48 h (22/05/2014- N/A)4BR-9BR>	ssifiable/unassessa	CA comments: Despite possible correspondence in time, the reported signs of sudden bilindness and myndrisas are rather poorly evocative of a possible effect of the vaccine. Very rate cases of immunediated useful section from hyperemittivity of the vaccine. Very rate cases of immunediated useful section from hyperemittivity of the vaccine is a small consideration of the vaccine is assumed revealed no absorbably. The profession of the vaccine is assessed of benchmarked, Fedoral information or complementary examination, the role of the vaccine is a sessed of luchicastified). Follow-up 18/12/2014: The assessment remains unchanged.
	FR-NLINTVINT-2014-FR-00459	France	Animal		7.5 Year(s)	28/05/2014	17/06/2014	1		06/2014 Yes		Diarrhoea, Vomiting, Blood in vomit, Appetitie loss, Hyperthermia, Blood in faeces, Apathy		The dog was vaccinated with NOBIVAC LEPTO 4 on 28 May 2014 and displayed on 02 Jan 2014, apathy, distribree, working and hyperthermic Journe was unknown, availing further information. Followup received on 11 Jian 2014: The bitch received the second injection of NOBIVAC L4 on 28 May 2014 and displayed apported toss, vomiting and dispribace (prior Jun 2014 to 02 Jan 2014), hyperthermia (which lasted 5 days) and blood in the vomit and faces on 03 Jan 2014. The animal lost weight (4Kg) and was hospitalized. Some days after it were out from the funit, it displayed working with the contribution of NOBIVAC L4) his contribution was unknown. The case is linked to the complaint 2014-RF-00868 (The animal displayed similar reaction previously when it received the first injection of NOBIVAC L4) Unknown if investigations were performed. No more information expected, case closed. Duration of reaction: 5 Days Reason for textrament: Vaccination	, Staffordshire Bull Terrier	Not Known	Dose; duration: once; onset time: 3 days (28/05/2014-N/A) BR>-BR>		CA comments: Even if the reported signs could be evenative of a feiting post-vanctinal reaction, the time to onset is guite long and the duration of troubles is quite unusual. Glown the limited specificity of signs, other possible causes could also be suspected. Thus, given available elements, the role of NOBIVAC L4 is assessed: O.I. (Inconclusive).
	FR-NLINTVINT-2014-FR-00540	France	Animal	Canine/dog	11 Year(s)	18/03/2014		1		06/2014 Yes		Oliguria,Anuria,Anorexia,Lack of efficacy,Acute renal failure,Apathy,Abnormal test result,Diarrhoea,Vomiting	No Data	A dag was vaccinated with NOBINAC L4 on 20 Fe band 18 Mar 2014. On 17 Jun 2014, It started to diliplay apathy, anorexis, yomiting and diarrhea. Dilagnosis of Acute renal failure with oligo/anuria on 19 Jun 2014. PCR on blood confirmed legtospirosis. Availting more information. Reason for treatment: Vaccination Outcome of SAR: Unknown	Not Applicable	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; (18/03/2014- N/A) 	ssible	CA comments: Positive PCR is compatible with a lack of efficacy of the vaccine. SPC recommendations were respected and the signs appeared within the immunity period. Therefore, the SLEE of NOBI VAC L4 is B (possible) assessed.
	FR-NUNTVINT-2014-FR-00646	France	Animal	Canine/dog		11/07/2014	31/10/2014	2		> <i No Kno ><i No</i </i 	own, BR BR> OT ot iown, BR BR> OT STOWN	Deafiness	Not Known	A bitch displayed sudden deafness a few hours after vaccination with N0BINAC CHPP, N0BINAC L1 and N0BINAC R0A. Rothing could be observed in the ear. Investigation is perinding, awaiting the results. Follow-up 7 Oct 2014: Onset = 24 hours after vaccination. The dog recovered entirely without treatment within 1.5 months. Case closed.	Yorkshire Terrier t		sme: < 24 hours (11/07/2014- N/A) N/A SBN-SBN-NOBIVAC L4 - N/A NA/NA/NA/NA/A1 Dose; quartion: once; onset time: < 24 hours (11/107/2014- N/A +GBN-SBN-NOBIVAC RAGE - N/A NA/NA/NA/A1 Dose; duration: once; onset time: < 24 hours (11/07/2014-N/A) (11/07/2014-N/A) SBN->BR>	ssifiable/unassessa	CA comments: Despite a compatible time to onset, deaffress is pony compatible with an adverse effect of the vaccines: Waiting for results of investigations, the roles of the vaccines are O [unlassified) assessed. Follow-up03/11/2014: In absence of further investigations, the assessment remains unchanged.
	FR-NLINTVINT-2014-FR-00748	France	Animal	Canine/dog	2.5 Month(s)		28/08/2014	1		R≻	ss, Yes</b 	ylaxis, Death, Apathy	No Data	A pappy displayed syncope after vaccination with NOBIVAC CHPP and NOBIVAC L4 concurrently and then pasthy. It was returned to its owners but at home displayed vorniting distriber and died 1 hour later. First injection of primary course was performed with vaccines of another company on 22 Jul 2014. No more information expected, eace closed. Duration of reaction: 0 Day Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Bulldog		NOBIVAC CHPPI - N/A,N/A,N/A M/A,1 Dose; duration: Once; (18/08/2014- N/A)+BBR-BBR-NOBIVAC L4 - N/A,N/A,N/A,1 Dose; duration: Once; (18/08/2014-N/A)+BR> 		A comments: The reported time to onset and clinical signs are quite evocative of an anaphylactic-type rection to the vaccination. Such reactions are a well- known possible side-effect of vaccines, and several similar cases are documented in the French pharmacovigilance database. Therefore, as both products were administered concomitantly, their resporters only assessed is ill possible.
	FR-NLINTVINT-2014-FR-00788	France	Animal	Canine/dog	,	12/08/2014	09/09/2014	1		> <e No</e 	ot iown, <br :BR> ot Known</br 	Hepatitis,Ascites,Elevated liver enzymes	Not Known	10 days after vaccination with NOBINAC LPH and NOBINAC L4, the dog diplayed hepatitis. If uppersented abdominal acides, seen on ultrasound, Hepatic reviews even increased. GPF were at 319 IU/I, formal range 30-120 IU/I), and ALP were normal (superior at 50 IU/I). Outcome was unknown. Philad of acides was sent to the lab, results are pending. Reason for treatment: Vaccination Outcome of SAR: Unknown	Labrador Retriever		10 days (12/08/2014- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A, Dose; duration: Once; onset time: 10 days (12/08/2014-N/A) 	ssifiable/unassessa	CA comments: The reported signs are compatible with post-vaccinal hepatitis. However, this is a very rare condition, and other causes of hepatitis/ascites have not yet been investigated. therefore the role of NOBIVAC CHP and NOBIVAC L4 are O (unclassified) assessed.
	FR-NLINTVINT-2014-FR-00793	France	Animal	,,,,,	3 Month(s)	01/09/2014	03/10/2014	1		> <i No</i 	iown, <br BR> ot Known</br 	Lung oedema, Death, Anaphylactic- type reaction, Breathlesness, NT- hypertrophic dilated cardiomyopathy	Not Known	The puppy was vascinated [primovaccination] with NOBINAC. CPB and NOBINAC. Lat on 0.5-sept-2014. After vaccination, the dog was very breathers and deel about 7 hours later probably from a pulmonary oedema. The autopy was ongoing. The animal was in good health before vaccination. Follow-up received on 0.10-C10-2014 The vet reported that he tried to review the pup with vogen but it was almost deal at the arrival at the clinic. It deel with signs of respiratory distress. The autopsy was performed on C5-sept-2014: The main lesions are cardiomegally and light lung oedema. Duration of reaction: 29 Days Reason for treatment: Vaccination Outcome of SAR: Unfavorable	American y Eskimo Dog (Spitz) t		NOBINAC CHP - N/A,N/A,N/A, N/A, 1 B - Pos: Dose; duration: Once; (01/09/2014-N/A) Reservoisings-tag-1-8 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; (01/09/2014-N/A) Reservoisings-tag-1-8		CA comments: The reported signs and chronology are compatible with an anaphylactic-type reaction. However, other causes are possible: walting for necropsy results the roles of NOBIVAC CHP and NOBIVAC Lat are [possible] assessed. Note: sufficient information exists to add "anaphylactic- type reaction" in the VeDDRA terms of this case. Follow-us: The assessment remains unchanged.
	FR-NUNTVINT-2014-FR-00908	France	Animal	Canine/dog		11/09/2014	07/11/2014	2		09/2014 No		Lack of efficacy, Acute renal failure	Not Known	Suspected Lack Of Efficacy: The Gog was vaccinated with NOBINAC L4 on 11-Sept. 2014. 12 hours after vaccination, the animal displayed acute reand failure. Analysis showed the presence of eptopsian however the test did not allow to differentiate on the origin (vaccine or field) of the renal pathology. Follow-up received on 15-Cct 2014 The dog recovered. Serology showed a position lefection with L bratistiava (15400) or L grigoptyphosa (13200). L Australis and L pomona were 1800. L copenhagi 1200 L autumnalis and L caricola negative.	Gordon Setter		NOBINZL (1- N/A/N/A/A N/A).1 Dose; dartaino: nonce; onset time: 12 hours (11/09/2014- N/A)=BR>=BR>		CA comments: Confirmed presence of Leptospira in this animal despite accuration with NaBOMYC. L4 could suggest a possible lack of efficacy of the vaccine. However, analyses didn't allow to confirm the wild or vaccinal origin of the identified strain. Moreover, clinical signs appeared only 12 hours after the first documented injection, whereas onset of efficient vaccine-induced immune portection is expected only 3 weeks after the second primovaccination injection. Therefore, by the time of infection, no vaccinal protection could be expected. The role of NOBINA' C4 is assessed. Pullinishely, Follow-up 12/11/2014: The assessment remains unchanged.
	FR-NUNTVINT-2014-FR-00973	France	Animal	Canine/dog	Not Known	11/09/2014	31/10/2014	1		09/2014 No	ot Known	Digestive tract disorder NOS,Appetite loss,Acute renal failure,Apathy	Not Known	A few hours after vaccination with NOBINAC L 4, a log displayed digestive troubles, apathy and appettle loss. A five straspected from body, it them displayed actor renal instificiency without anaria, glycouria without hyperglycaemia and a second set strongly suspected leptospirosis. Age of the dog is unknown, as is vaccination history for Lepto, PCR and serology are pending. Treatment unknown but a few days late, the dogs condition improved. Awaiting more information and analysis results. Reason for treatment: Vaccination	Not Applicable	Not Known	NOBINZL (1- N/A/N/A/N/A N/A).1 B- Pos: Dase; duration: None;time to onset :a few hours (11/09/2014- N/A)-BR>-BR>	ssible	A comments: The short onest and nature of the first reported sign are compatible with a possible post- vaccinal reaction. Still, subsequent acute result failure is more unespected even though rare cases possibly related immune-mediated mechanisms have already been reported. This case remains quite poorly documented and information is lacking about percise chronology, animal's medical history, diagnosis elements and treatments. Analyser results are pending. Thus, given available elements, the role of MRIMULT Lika succept R. Browkilley.
NOBIVAC L4	FR-NLINTVINT-2014-FR-00996	France	Animal	Canine/dog	Not Known	10/10/2014	03/11/2014	2	2 0 01/1	><8	ot Iown, <br×br IBR×BR> ot Known</br×br 	Diarrhoea, Haematemesis, Ataxia, La ck of efficacy	Not Known	3 days after vaccination with NOBIVAC CHPPI and NOBIVAC L4, at least 2 pupples (number winhown, age unknown), dispeyed severe darrher, hemathemesis and status. Panovinci infection is strongly suspected. Unknown whether the dogs had been vaccinated before. Analyses are pending, no more information at the time of reporting. Walting for the results. Reason for treatment: Vaccination	Australian Shepherd Dog	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: Once; onset time: 3 days (10/10/2014- N/A,N/A,N/A,N/A,1 Dose; duration: Once; onset time: 3 days (10/10/2014-N/A)8R> 	ssifiable/unassessa	CA comments: It is unknown whether the primary course of vaccination was completed or not and there is no confirmation of the diagnosis of parvovirosis. Waiting for an update, the LEE of NOBIVAC CHPPI and NOBIVAC L4 are O (unclassified) assessed.

NOBIVAC L4	FR-NUNTVINT-2015-FR-00116	France	Animal	Canine/dog	10 Year(s)	15/01/2015	12/02/2015	1 1	1 26/01/2	D15 Yes, <r>BR> Yes, Yes</r>	Neurological signs NOS,Reduced reflexes,Quadriparesis,Respiratory arrest,Death,Hind limb paresis,Polyradiculoneuritis	No Data	Dog was vaccinated with NOBIVAC CHPPI, NOBIVAC L4 and NOBIVAC RAGE on 15 Jan 2015. This dog was under treatment with Benazeprd since several months. On 26 Jan 2015, he had paresis of the hin legs, with a strong occrease of proprioceptive reflexes. He was treated with NSADD and corticols. A there was a worsening of the signs, with paresis of the fore legs on 28 Jan 2015, he was referred to specialized clinic where a sam was performed and showed no abnormality of the vertebral column, punction of the CSF did not show inflammation and was tested negative for botulism. The dog died or 28 Jan 2015 due to respiratory paralysis. An ascending polyradiculoneuritis is suspected. Case closed.	Bichon Frise	10	NOBIVAC CHPPI - NJA,NJA,N/A, N/A,1 Dose; duration: Once; (15/01/2015-NJA)-RBS-ARR-NOBIVAC L4 - NJA,NIA,NJA,N/A Dose; duration: Once; (15/01/2015-NJA)-RBS-ARR-NOBIVAC RAGE - NJA,NJA,NJA,N/A, N/A,1 Dose; duration: Once; (15/01/2015-NJA)-RBS-ARR-NOBIVAC RAGE - NJA,NJA,N/A,N/A, N/A,1 Dose; duration: Once; (15/01/2015-NJA)-RBS-ARR-NOBIVAC RAGE - NJA,NJA,NJA,N/A,1 DOSE; duration: Once; (15/01/2015-NJA)-RBS-ARR-NOBIVAC RAGE - NJA,NJA,NJA,NJA,NJA,NJA,NJA,NJA,NJA,NJA,	B - Possible	CA comments: The reported chronology and signs are suggestive of a possible effect of vaccines. Post-vaccinal acute polynadiocheruthis is reported as a rare but possible consequence of vaccination, due to immune-mediated mechanism (16 till 19/9). The clinical evolution of ascending apresis/paralysis beginning on hind limbs: a slor orather excettive. As three vaccines were administered concomitantly, it is not possible to distinguish their respective effects. Therefore, their role is assessed: 8 (Possible).
NOBIVAC L4	FR-NLINTVINT-2015-FR-00317	France	Animal	Canine/dog	3 Month(s)	16/03/2015	25/03/2015	1 1	0 16/03/2	Pes, BR>BR> R>BR>BR>Ye BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	B Bradycardia,Pale mucous , membrane,Hypotension,Anaphylax s	No Data	SAR: 5 mis affer the successive injections of one dose of NOBIVAC L4, suspension injectable pour chiera, and one dose of EURICACA (PEPIZE) (Revo injections steels, a dog displayed an anaphylactic shock accompanied with hypotension and brady-cardia; mucosa became white. The dog was treated with a perfusion, acception periament and corticold. The dog ecovered within a hour. Awaiting for further information (by sheet) Follow up (25 Mar 2015): the signs occured 10 min after administration of Nobivack L4 and EURICACA (CHPSZ and RABISIN at different sets of injections, to more information expected. Case closed. Duration of reaction: 0 Day Reason for treatment: Prophylausis Outcome of SAR: Pavorable	Crossbred	8	EURICAN CHPPI2 - N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A/N/A	B - Possible	CA comments: The reported signs and time to onest are compatible with an analyplactic layer exerction, which is a well known possible adverse effect of vaccines. As three vaccines were injected simultaneously, it is not possible to distinguish their traspective rolles: each one is 8 (possible) assessed.
	FR-NLINTVINT-2015-FR-00409 FR-NLINTVINT-2015-FR-00430	France	Animal	Canine/dog	Not Known 9 Week(s)	01/03/2015	13/04/2015	1 1	0 01/03/2	Known, Not Known, <arnown, <arnownn< td=""><td>Apathy Liticaria.Reddening of the</td><td>Not Known</td><td>10 minutes after vaccination with NOBIVAC CHP, NOBIVAC L1 and NOBIVAC RAGE, a dog displayed agasthy, No information available to now wether vaccines were injected similarineously or concomitantly. The dog, was treated with dexamethasone and recovered within 10 minutes. Awaiting for further information (PV sheet). Reason for treatment: Vaccination 30 minutes after vaccination with NOBIVAC CHPPI and NOBIVAC L4 furshrown if injections were</td><td>Other Canine/dog</td><td>Not Known</td><td>NOBIVAC CHP- N/A.N/A.N/A.N/A.1 ml; duration: once; (01/03/2015- N/A)<br->BR-NOBIVAC 14 N/A.N/A.N/A.N/A.I ml; duration: once; (01/03/2015- N/A)<br->BR->NOBIVAC RAGE - N/A.N/A.N/A.N/A.I duration: once; (01/03/2015-N/A)<br->BR- NOBIVAC CHPI - N/A.N/A.N/A NOBIVAC CHPI - N/A.N/A.N/A</br-></br-></br-></td><td>B - Possible</td><td>CA comments: Apathy may be part of a post-vaccinal reaction, and the time to onest is compatible as well as response to corticosteroids. As 3 vaccines were administered similaneously, it is no possible to distinguish their respective roles each one is assessed B (possible). Note in view of the reported clinical signs, case reclassified as non serious. CA comments: The resorted sizes and time to onest.</td></arnownn<></arnown, 	Apathy Liticaria.Reddening of the	Not Known	10 minutes after vaccination with NOBIVAC CHP, NOBIVAC L1 and NOBIVAC RAGE, a dog displayed agasthy, No information available to now wether vaccines were injected similarineously or concomitantly. The dog, was treated with dexamethasone and recovered within 10 minutes. Awaiting for further information (PV sheet). Reason for treatment: Vaccination 30 minutes after vaccination with NOBIVAC CHPPI and NOBIVAC L4 furshrown if injections were	Other Canine/dog	Not Known	NOBIVAC CHP- N/A.N/A.N/A.N/A.1 ml; duration: once; (01/03/2015- N/A) <br->BR-NOBIVAC 14 N/A.N/A.N/A.N/A.I ml; duration: once; (01/03/2015- N/A)<br->BR->NOBIVAC RAGE - N/A.N/A.N/A.N/A.I duration: once; (01/03/2015-N/A)<br->BR- NOBIVAC CHPI - N/A.N/A.N/A NOBIVAC CHPI - N/A.N/A.N/A</br-></br-></br->	B - Possible	CA comments: Apathy may be part of a post-vaccinal reaction, and the time to onest is compatible as well as response to corticosteroids. As 3 vaccines were administered similaneously, it is no possible to distinguish their respective roles each one is assessed B (possible). Note in view of the reported clinical signs, case reclassified as non serious. CA comments: The resorted sizes and time to onest.
							,,,,			Known, SR> <br </br Not Known	t skin,Restlessness,Crying,Anaphylaxi > s	i Known	successive or simultaneous), a log displayed urticaria and red plaque on the abdomen. The dog ran everywhere, whitmened, It was treated with desamentaneous and recovered 30 min later. Awaiting for further information (PV Sheet). F-up 20 Apr 2015: PV sheet received, no additional information available, case closed.	Canine/dog	7.3	,N/A,1 ml; duration: Once; (14/04/2015- N/A)×BR> NOBIVAC L4 - N/A,N/A,N/A, N/A,1 ml Once; duration: 1 Day; (14/04/2015- N/A\sBR>		are compatible with an allergic reaction, which is a well known possible adverse effect of vaccines. As both vaccines were injected simultaneously, it is not possible to distinguish their respective roles: each one is B (possible) assessed.
NOBIVAC L4	FR-NLINTVINT-2015-FR-00431	France	Animal	Canine/dog	3 Month(s)	14/04/2015	06/05/2015	1 1		Pes, BR>R> R>BR>Yes R>BR>Yes SBR>BR>BR>BR>BR>BR>BR>Yes	B Depression,Quincke's , oedema,Tachycardia <	No Data	30 minutes after a vaccination with NOBIVAC IFMP, NOBIVAC L4 and NOBIVAC RACE[presentations unknown, unknown fued simultaneously or concomitantly), a deg displayed a fournies's oedema. Recover after a corticoid treatment. Awaiting for further information (Pv Sheet), Follow up [26 Apr 2015]: the dog also displayed a depression and a tachycardia. The dog recovered within few hours. N more information expected. Case closed. Reason for treatment: Vaccination Outcome of SAR: Favorable	Other Canine/dog	6	NOBINAC CHPPI - N/A,N/A,N/A, N/A,1 ml; duration: Once ; (14/04/2015- N/A)-RBN-BR-NOBINAC L4 - N/A,N/A,N/A,N/A,1 ml; duration: Once ; (14/04/2015- N/A)-RBN-BR-NOBINAC RAGE - N/A,N/A,N/A,N/A,1 ml; duration: Once : (14/04/2015-N/A)-RBN-SRN-	B - Possible	CA comments: The reported signs and time to ornet are compatible with an anaphylactic-type reaction, which is a well known possible adverse effect of vaccines. As three vaccines were injected simultaneously, it is not possible to distinguish their respective roles: each one is 8 (possible) assessed. Follow-up 19/05/2015: The assessment remains unchanged.
	FR-NLINTVINT-2015-FR-00256	France	Animal	Canine/dog	2 Month(s)	13/05/2015	05/06/2015	3 1		R-GB-N-GB-Ve GB-N-GB-Ve, GB-N-GB-Ve, GB-N-GB-Ve, GB-N-Ve, GB-N-GB-GB-GB-GB-GB-GB-GB-GB-GB-GB-GB-GB-GB-	ion,Lateral recumbency,Ahoromal (ext result,Shin hematoma,Organ petechiae,NT - intestinal intussusception	y No Data y t	A puppy was vaccinated on 13 May 2015 with NGINVAC CIP, NOBINVAL CL and NOBINVAC KC, On 14 May morning, it displayed distrinces, 17 the owner administered priffinul bromume, On 15 May morning the puppy was found in lateral recumbency, moaning, prostrated. It was brought to the vet an displayed lictorus, benemfragle dishnows, 4 to 5 havemonts of 1 cm dismarted on the belly, hydrottorus and dyspinoea. Despite unspecified treatment, the puppy ded Necropy showed retendance of the properties and the lump heaptomegals and liver congestion, insususception on 15 or 4 or with some preticulae. Analyses are pending. F-up 29 May 2015. F.R. leptosprisss was positive (Dough) and F.R. puppy and apply and the provided of the properties of	German Shepherd Dog	6	NOBINAC CHP - NIA, NIA, NIA, NIA, 1 Dose; duration: noce; (130/5/2015) NIA-BBS-GBN-NOBINAC KC - NIA, NIA, NIA, NIA, NIA, NIA, NIA, NIA,		CA comments: Despite connection in time, and event in trained gastroinerstand disorders are possible side-effects of vaccines, the duration of signs and their clinical evolution are quite unexpected and would rather point to other possible infectious?) causes. Waiting for further eventues (sanapsier ceutility) the role of all three vaccines is associed. O (Unclassified), while the content of the present content of the cont
NOBIVAC L4	FR-NUNTVINT-2015-FR-00647	France	Animal	Canine/dog	10 Week(s)	01/06/2015	02/07/2015	7 7	0 07/06/2	D15 No, < R> No		Other	One week after vaccination of pupples with NOBINGC CHP (number unknown, 2 chosen by default) they displayed harmon/age disarchose. They recovered with perfusion. The attenting ver Indicated to stook weren't "normal" before administration and suspected a reversion of virulence of the vaccine but also glandlassis or coronavius infection. Availating further information. Fu. pla: Jun 2015: Payvoint infection was confirmed by analysis. No more information expected, case closed F-up 25 Jun 2015: The case is linked to case FR-ANIAN-15 ANIAN 2009S (a verticated on 1 Jun 2015 with both NOBINAC CHP and NOBINAC LA A few reaction 1 and 1 few pupples also declared the case to the NCAI, Spupples were vaccinated on 1 Jun 2015 with both NOBINAC CHP and NOBINAC LA A few reaction in 1 of the pupples is discreted in case FR-ANIAN-15 ANIAN 2009S (a verticated pupples starded to display sign or 7 or 8 Jun. No more information was provided. Duration of reaction: 23 Days Reason for treatment: Vaccination Outcome of SAR: Favorable	Leonberger e	10.5	NOBIVAC CHP - N/A,N/A,N/A,N/A,1 Dose; dvartion: Once; onset time: 1 week (10)(6)(2015-12). N/A)+BB>-GB>-NOBIVAC L4 - N/A,N/A,N/A,N/A,1/A,1 dose; dvartion: once; (01/06/2015-N/A)-BB>-BB>	N - Unlikely	A comments: Even thought transient gastrointestanial butwhen say occurs as result of post-vaccinal reactions, the time to onser in this case is very long. Moreover, stools aready had an absormal aspect before administration and other possible causes are suspected. Therefore, a role of the vaccine appears rather poorly likely. Still, in absence of further information, the case is assessed: O Introdustriell, Follow-up 21/06/2015. Another cause (underlying paranovins infection) was confirmed by analyses. Therefore, the role of the vaccine is assessed: N. Ilutilisely.
NOBIVAC L4	FR.NLINTVINT-2015-FR-00670	France	Animal	Canine/dog	7.5 Month(s)	11/06/2015	26/06/2015	1 1	0 10/06/2	Yes, NO R> NO SBR>NO SBR>CBR>NO SBR>CBR>NO BR> NO	Prostration,Abnormal stool colouration,Diarrhoea,Mucous stool,Dysorexia	Other	Adag received a tablet of BRAVECTO 500 NG COMPRIMES A CROQUES ROUN CHIESTS OF TALLE MONTRING 100 NG TO 100 NG NG TO 100 NG	Other Canine/dog s	12.6	BRAVECTO 500 MG COMPRIMES A CROQUER POUR CHIENS DE TAILLE MOVENNE 1-10-20 KG: - N/A-N/A-N/A-N/A-1 Tablet; duration- once; (90%)62/015- N/A-RBB6RB-NOBBVAC L4 - N/A-N/A-N/A-N/A-1 Dose; duration- once; (11/06/2015- N/A)-RBGR-NOBBVAC RAGE - N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-	B - Possible	ADMINISTRATION OF THE CONTROL OF THE

NOBIVAC L4	FR-NUNTVINT-2015-FR-00728	France	Animal	Canine/dog	Not Known	26/06/2015	10/07/2015	1 1	0 26/06/20:	R> Yes	also other SOCs for most applicable oedemaj,Repiratory distressjoratory distressjoratory distressjoratory distressjoratory distressjoratory oedema,Anaphylactic-type reaction	No Data	SAR: About a hours after vaccination with NOBIFAC L1 and NOBIFAC CHPR; a pug dog displayed ordema of the face and the paws and respiratory distress. It was treated with croticolist I/Awaitifulgr further details. Follow up (06 Jul 2015): reception of the PV sheet. Recovery within 24 hours. No mon information expected. Case closed. Duration of reaction: 24 HOURS Reason for treatment: Vaccination Outcome of SAR: Favorable	Pug	Not Known	NOBINAC CHPPI - NI/AN/AN/A N/A1 DOSS; daution CNCE; onset time: 4 HOURS [26/06/2015 N/A)-RR-R-NOBINAC 1- N/AN/AN/AN/AN/A1 DOSS; duration: ONCE; onset time: 4 HOURS [26/06/2015-N/A)-BR>-BR>	B - Possible	CA comments: Time to onset and clinical signs are very uggestive of an effect of an allerger eraction. Such hypersensitivity reactions are known possible side-effects of vaccine, and several comparable cases have already been reported. As the two possible to distinguish their respective effect. Therefore, the role of NGIUNZ-CHIPP and AN OBIVAC LIST assessed in Brossible I, Note: Veddra rem "anapylact: type-reaction" was adder follow-up 16/07/2015: The assessment remains unchanged.
	FR-NLINTVINT-2015-FR-00750	France	Animal		Not Known	27/05/2015	07/07/2015	6 6		5 No, <e R> No</e 	Haemorrhagic diarrhoea,Abnormal test result	Other	SAR: E-pupples were vaccinated with NOBIVAC. Cit and NOBIVAC Lit on 27 May. They displayed hameomrhagic diamnes on 11 Jisu. The recovered with perioson. The attending set indicated the stook weren't "normal" before administration and suspected a reversion of virulence of the vaccine but also glandlass, approvious or coronavirus infection navorius infection navorius infection navorius infection navorium is indicated. The case is linked to case FR-NURTINIT-2015-FR-00647 (pame declarant, same breeding, other breed No more information expected, case closes.). Duration of reaction: 19 Days Reason for treatment: Vaccination Investigations: Explanation: Animal not health, a time of freatment.	Belgian Griffon	Known	Dose; duration: Once; onset time: 15 Days (27/05/2015- N/A) NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: Once; onset time: 15 Days 	N - Unlikely	CA comments: Even though transient gastrointestinal troubles may occur as a result of post-vaccinal reactions, the time to onset in this case is very long. Moreover, stools already had an abnormal aspect before administration. Moreover, another cause (underlying parvoirus infection) was confirmed by analysis. Therefore, the role of the vaccine is assessed: NURINBHAI.
	FR-NLINTVINT-2015-FR-00793	France	Animal			03/07/2015	16/07/2015	1 1		5 Yes, <6 R×BR>Yes, BR> BR> Yes	Diarrhoea, Vomiting, Ataxia, Weakne, s., Anaphylactic-type reaction		SAR: 5 minutes after vaccination with NOBINAC CHPIN, NOBINAC L4 and NOBINAC RAGE, a bitch displayed intense queekines, atxais, owniting and darlines, in twas treated with corticolide, SC perfusion and antiemetic drug and recovered withing about 5 hours. The bitch was vaccinated last year with other vaccines from 2DETs lab without routels but it had also displayed unspecified postroaccinal reactions 2 years ago after vaccination with products from VIRBAC lab. No more information expected case Closed.	Standard Poodle	4	N/A,1 Dose; duration: Once; onset Bime: 5 Minutes (03/07/2015- N/A)<8R8R>NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose Once 1 Animal; onset time: 5 Minutes (03/07/2015- N/A)<8R>-8R>NOBIVAC RAGE - N/A,N/A,N/A,1 Dose Once 1 Animal; onset time: 5 Minutes (03/07/07/05-NA)	B - Possible	CA comments: The time to onset and the reported clinical signs are very suggesther of an anaphylactic- type reaction, which is a known side effect of vaccine std ong class. As the three products were administered concommitantly, it not possible to distinguish their respective effects. Therefore, the role of NOBIVIC. Letty, NOBIVIC LL and NOBIVICA DAGE is assessed (possible) Note: Veddra term "anaphylactic-type reaction" was added.
	FR-NLINTVINT-2015-FR-00856	France	Animal		12 Year(s)	25/05/2015		1 1	1 26/05/20:		Thrombocytopenia,Fatigue,Death	No Data	SAR: one day after vaccination with NOBIVAC L4 a dog felt not well (coded as fatigue). The attending well diagnosed a thromborytopenia. One week after the vaccination the dog dief. Awalting for further information [PV sheet]. Follow up (14 Sep 2015): despite two reminders, the attending wet didn't sent the PV sheet. No more information expected. Case closed. Reason for treatment: Prophylavis Outcome of SAR: Unfavorable	Crossbred	Not Known	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: Once; onset time: 24 Hours (25/05/2015- N/A) 	O - Unclassifiable/unassessa ble	CA comments: Thrombocytopenia may be the result of immune mediated disease as a consequence of the vaccination. However, many other causes exist and the case is not yet fully documented. Therefore, the role of the vaccine is O (unclassified) assessed.
NOBIVAC L4	FR-NUNTVINT-2015-FR-00857	France	Animal	Canine/dog	44 Month(s)	15/07/2015	27/08/2015	1 1	1 15/07/20	5 Yes, GRR-GR3-d R>GRS-GR3-GR3- GR3-GR3-GR3- GR3-GR3-GR3- GR3-GR3-GR3- GR3-GR3-GR3- GR3-GR3-GR3- GR3-	Cutaneous oedema, Apathy, Local , swelling (not application is sitel). Petechise NOS, Abnormal necropsy finding Haemorrhage NOS, Vomiting Unable to Stand Pulmonary congestion, Pulmonary oedema, Death, Anoresia, Fever, Ptyallsm, Lateral recumbency	No Data	15 Jul 2015, end of afternoon, vaccination of a dog with NOBIVAC CHAPI, NOBIVAC PAGE, NOBIVAC LA and administration of one pipette of ADVANTIK GRAND CHER. In the evening, the dog displayed apathy, on 15 Jul 2015, moning, the dog still displayed apathy, with slight physicism and with slight subcutaneous welling at the thora: level. on 15 Jul 2015, and of the afternoon, consultation by the attending vet: the dog displayed fever (40°CL), was lying on its side, did not succeed in stand up and walk, with a slight breast deedine, vomiting and anoresis. Treatment with pertuision, contisione and toffenamic caid. The dog died on the moning of 17 Jul 2015. Necropay done on 18 Jul 2015: breast and thoras subcutaneous hemorrhage, eneralized petches, jun goongestion, availing histological analyses and necropa yeport. Fup 18 Aug 2015: histology revealed pulmonary oedema and congestion but no lesion which could evode disseminated intravascular coagulation, no cardial cellon. Case closed. Bayer comment: Reaction end date '2015-07-17' added. Death / Necropay details added. Duration of reaction: 2 Days Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Not Applicable	≥ 28.5	ADVANTIX GRAND CHIEN- N/A/NA/NA/A/A/A/A/A/ pipette; duration-once; onset time: few hous (15/07/2015- N/A)=BB-GB-NOBIVAC CHPI- N/A/NA/NA/A/A/A/A/A Dose; duration: once; onset time: few hours [15/07/2015- N/A/SBB-GB-NOBIVAC L4 - N/A/NA/NA/A/A/A/A/A Dose; duration: once; onset time: few hours [15/07/2015- N/A/SBB-GB-NOBIVAC L4 - N/A/NA/NA/A/A/A/A A/A A/A A/A [15/07/2015- NA/A-SBB-GB-NOBIVAC RAGE - N/A/NA/NA/A/A/A A/A Dose; duration: once; onset time: few hours [15/07/2015- NA/NA/NA/A/A/A/A A/A A/A A/A/A/A/A/A/A/A	B - Possible	CA comments: NCA agrees with MAH conclusion: each vaccine is flossibile) assessed. Regarding the patiential role of ADVANTIX, although the chronology is compatible, the finical profile is poorly compatible. Waiting for Instology results, the role of ADVANTIX GAND CHEN B OI (inconclusive) assessed. Note: veddra term "lateral recumbency" added. Follow-up 01/09/2015: The assessment remains unchanged
	FR-NUNTVINT-2015-FR-00892	France	Animal	Canine/dog	14 Year(s)	24/07/2015	16/10/2015	1 1	1 31/07/20	5 Not Known, KBR>KBR Not Known, >BR ×BR>KBR Not Known, BR Not Known	Diarrhoea, Vomiting, Death	Not Known	About week after vaccination with NOBINVAC CHPP, NOBINVAC RAGE and NOBINVAC L4, a dog started vomitting bile and had diarrhose for 2 to 3 days. The dog wasn't examined by a vet, it died a few days, later on 1 Aug 2015. No necropy was performed, no investigation. Case closed. F-up 7 Oct 2015: PV sheet received. The start date of signs is 31 Jul 2015. No more information.	Crossbred		NOBINAC CHPPI - N/AN/AN/A N/A.1 Dose; duration: Once; onset time: 4 Days (27/07/2015- N/A)-SBRBR-NOBINAC L4 - N/AN/AN/AN, N/A.1 Dose; duration: Once; onset time: 7 Days (24/07/2015-N/A)-BRBR-NOBINAC RAGE N/AN/AN/AN, N/A.1 Dose; duration: Once; onset time: 7 Days (24/07/2015-N/A)-BR->BR>	O - Unclassifiable/unassessa ble	CA comments: The reported signs could suggest a post vaccinal reaction, still the time to orate! is to long, Given clinical evolution and the age of the dog, other underlying health issues could be suspected. In absence of further investigations, the role of the vaccines is assessed: O[Unclassified], Follow-up 28/10/2015: assessment unchanged.
	FR-NLINTVINT-2015-FR-00976	France	Animal	Canine/dog	3 Year(s)	26/08/2015	12/10/2015	1 1	0 26/08/20	5 Yes, <i R> Yes</i 	Loose stool,Ataxia,Hind limb paralysis,Flaccid muscles	No Data	S to 10 minutes after vaccination with NGBIVAC LPH and NGBIVAC LPA a dog displayed loose stool, adabas and paralysis of Infell mist. It reviewed an IV injection of corticoids and recovered. No more information expected, case closed. F-up 28 Sep 2015. 5 minutes after vaccination, the dog also displayed muscular faccistly. It recovered within 2A hours after methylprediscione injection. Duration of reaction: 1 Day Reason for treatment: Vaccination Outcome of SAR: Favorable	German Shepherd Dog	34	\(\frac{12/1015-N/ALBR-BR}{\triangle} \) \text{NOBIVAC CHP - N/A,N/A,N/A, N/A, 1} \) \text{Dose; duration: Once; onset time: 5} \) \(\text{min (26/08/2015-} \) \(\text{N/A}\) \(\text{RS-NBR-NOBIVAC L4 - } \) \(\text{N/AN/A,N/A, 1} \) \text{Dose; duration: Once; onset time: 5} \) \(min (26/08/2015-N/A)-BR>-BR> \)	B - Possible	CA comments: Signs and chronology are compatible with an anaphylactic-type reaction, which is a well known possible adverse effect of vaccines. As the two products were administered concomitantly, it is not possible to distinguish their respective effect. Therefore, the role of NOBIVAC CHP and NOBIVAC L4 is assessed: 8 (Possible), Follow-up 15/10/2015: assessment unchanged.
NOBIVAC L4	FR-NUNTVINT-2015-FR-00979	France	Animal	Canine/dog	10 Month(s)	08/04/2015	18/09/2015	1 1	0 27/08/20:	5 Yes	Abnormal test result, Elevated ALT, Elevated Creatine-kinase (CK), Hepatic disorder NOS, Elevated renal parameters, Acute ernal faiure, Fatigue, Lack of efficacy, Pulmonary haemorrhage, Haemorrhagic gastroenteritis, Diarrhoea	No Data	SLEE: Following vaccination with NOBINVAC L4 on 08 Apr 2015 (second injection of priming), a dog displayed on 27 Agr 2015 damhors and fisque. On 29 Agr 2015, the attending vert disposed leptospirosis with a Witness Lepto test. Awaiting serolyping and PV sheet. Follow up (02 Sept 2015): reception of a PC positive result for Leptospira interrogans. Awaiting for the PV yesteet. Follow up (03 Sept 2015): reception of the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing active certain from the production of the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing active certain from the production of the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing active certain from the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing with the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing active certain from the PV sheet. The dog also displayed acute renal insufficiency in the PV sheet. The dog also displayed acute renal insufficiency in the PV sheet. The dog also displayed acute renal insufficiency in the PV sheet. The dog also displayed acute renal insufficiency, lateriorizing acute ac	Bearded Collie	19	NOBINAC L4 - N/A,N/A,N/A, N/A,1 Dose - duration Once; onset time: 4,5 Months (08/04/2015- N/A)<0.00000000000000000000000000000000000	A - Probable	CA comments: Occurence of leptospirosis despite vaccination with NORMACL 41s suggestive of a lack of efficacy. However, awaiting of serotyping results, the case is assessed of unclassified, 1 rollow 100 0,709/2015. waiting for serogroup/serour identification, the assessment remains unchanged. Follow-up 10,007/2015. Assessment unchanged. Follow-up 10,007/2015. Serotogy compatible with serour in studies of the serotyping of the property serour in studies of the serotyping of the property of a final lack of the serotyping of the serotyping of a final lack of the serotyping of a final lack of the serotyping of the serotypin
	FR-NLINTVINT-2015-FR-01017	France	Animal		3 Month(s)			1 1		5 Yes, BR> BR> BR>Yes	diarrhoea, Vomiting, Hepatic encephalopathy, Yellow mucous membranes, Renal insufficiency, Death by euthanasia, Abnormal test result, Hepatic disorder NOS	No Data	Vaccination of a dog with NOBIVAC CHPPI and NOBIVAC L4 on 05 Sep 2015. On 06 Sep 2015 evening, this dog displayed worstift, hemorrhagic distribuse, hepatic encephalois and a yellow sclera. Hepatic parameters [parameters unknown) were increased. A leptosprois SRT is pendig, Awalting for further information [PV sheet and PCR]. Follow up (16 Sep 2015): reception of a leptospra interrogans posture PCR result. Awalting for IP values. Follow up (25 Sep 2015): reception of the PV sheet. The dog displayed also a renal insufficiency. Treatment with perfusion and antibiotics. The dog has been euthanized on 10 Sep 2015. No more information expected. Case closed. Duration of reaction: 4 day Reason for treatment: Prophylaxis: Outcome of SAR: Unfavorable	French Bulldon	g 5	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: Once; onset time: 1 day (DS(09/2015: N/A) - -NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: Once; onset time: 1 day (DS/09/2015-N/A) - >	N - Unlikely	CA comments: Considering time to onset, the dog was probably incubating leptospirosis when vaccinated. Thus, the case is assessed (nallikely). Tollow up 22/09/2015: assessment unchanged
NOBIVAC L4	FR-NLINTVINT-2015-FR-01096	France	Animal	Canine/dog	12 Year(s)	02/07/2015	09/10/2015	1 1	1 22/09/20:	5 Yes	Death by euthanasia, Lack of efficacy	No Data	The day saw sraccinated with NOBINAC LA on a Jul 2014, 26 iu 2014 and 2 Jul 2015. End of 5ep 2015, if diapleyed vorinting, abadomisal pain, performlist, pancrestatis and remal failure. It was enthansied and 25 Sep 2015. S. As the vet suspected leptospriosis, recropsy and histology were performed. Awaiting the results. Fup 29 Sep 2015. FCR Leptospris interrogans was reagistive. No histology performed. No further analysis is possible. No more information expected, case closed Duration of reaction: O Day Reason for treatment. Vascination Outcome of SSR: Uthoroxolebe	Other Canine/dog	13	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: once; (02/07/2015- N/A) 	N - Unlikely	CA comments: NCA agrees with MAH conclusion and assessment: O (unclassified). Follow-up 15/10/2015: according to PCR result, the case is re-assessed N (unlikely)

NORIVAC 14	FR-NLINTVINT-2015-FR-01131	France	Animal	Canine/dog	3 Month(s)	02/10/2015	23/10/2015	1 1	П	02/10/2015	Yes, <b< th=""><th>Lateral recumbency,Prolonged</th><th>No Data</th><th>5 to 10 min after the successive injections of one dose of NOBIVAC L4, suspension injectable pour</th><th>Beauce Sheep</th><th>10.5</th><th>EURICAN CHPPI2 - N/A,N/A,N/A</th><th>B - Possible</th><th>CA comments: NCA agrees with MAH assessment:</th></b<>	Lateral recumbency,Prolonged	No Data	5 to 10 min after the successive injections of one dose of NOBIVAC L4, suspension injectable pour	Beauce Sheep	10.5	EURICAN CHPPI2 - N/A,N/A,N/A	B - Possible	CA comments: NCA agrees with MAH assessment:
											R≻BR≻Yes	capillary refill time_Crying_Tachycardia_Pale mucous membrane_Hypotension_Anaphylaxi s_Paling_Loss of consciousness_Uninary incontinence_Faecal incontinence_Faecal ocedema_Quincke's oedema		chiens, and one dosor of EURICAN CIPPI2 (two injections sites), a dog fel on the ground, urinated and maked faces and adjosphed crying, wither mocosa and tactycardia. The dog was treated with a perfusion and corticoid. The dog recovered (time to recovery unknown). Awaiting for further information. Foliops up (14 Oct 2013) croseved on 373/10/2015: reception of the PV sheet. The dog recovered within 30 minutes but displayed a Quinche oedema 3 hours after the vaccination. Treatmer with a new injection of octicoid. Recovery (time to recover is unknown). No more information expected. Case closed. Update from CPV on 16/10/2015: Tio. Beauceron puppy received a second injection of primary course of NOBIAVC 4.1 ± 10 min: displayed falling, lateral recombency, loss of consciousness, urinary incontinence, faceal incontinence, pale mucous membrane, tachycardia, hypotension (pality refill time > 32ceod). Full threapy, dexamentaisone (V. 1-38) facial iodemá dexamethasone s/C. Complete recovery. Note: vet mentioned having experienced another similar reaction with this vaccine a few months before.	Dog (Beauceron)		N/A, III ; duration: Once; ornet times 5 to 10 milents (0/12/0/2015-N/A)+8B8-GBR-NOBIUNC L.F. ANNIAN,		each vaccine is B (possible) assessed. Update from CPV on 16/10/2015. Clinical signs and timing are consistent with anaphylactic-like reaction to the vaccine. Previous lipstention (same vaccine preceding month) may have sensitzed the dog, and response to supportes care (including gluccorditors) is in line with such mechanism of reaction. A vagal reaction could also cause similar signs, but is usually associated with bradyscardia (although just potension mostly results from peripheral valsociation). Regardees mechanism of reaction, there is no valid alternate cause than injection: relationship with NOBIVICA LE is A-probable classified. Notic: as per Guidance on the use of VectorOAI terminology, the term anaphylasis has been eached (reaction starting within a few minutes after added (reaction starting within a few minutes after clinical starting starting of the properties of conclusions of terminology. The properties of assessment unchanged.
	FR-NUNTVINT-2015-FR-01167	France	Animal	Canine/dog	Not Known	14/10/2015	26/10/2015	1 1	0	14/10/2015	 < BR> Yes	Diarrhoea Vomiting Prostration Eye ild oedema, Chemosis, Anaphylactic- type reaction	No Data	SAR: 15 minutes after vaccination with MORIVAC (CPR), NOBIVAC L4 and MORIVAC PAGE (MORIVAC CPR) and MORIVAC L4 were injected simultaneously, a bit footglayed prostation, chemois, diar/hea, yomiting and eyelids swelling. It recovered within a few hours with IV contcods. The vet mentioned the bitch had aready displayed milant lighter gives at previous vaccination with vaccines from another company. No more information expected, case closed.	German Pinscher	Not Known	NOBINAC CHPPI- NIANANAN NIAAL Does distance Once, onset time: 15 minutes (14/10/2015 NIA/N-BR-SR-NOBINAC L4 - NIANIANAN ANAL TO sose, duration: Once, onset time: 15 minutes (14/10/2015 NIANIANAN ANAL TO sose; duration: Once, onset time: 15 minutes (14/10/2015 NIANIANAN ANAL TO sose; duration: Once, onset time: 15 minutes (14/10/2015 NIANIANAN ANAL TO sose; duration: Once, onset time: 15 minutes (14/10/2015 NIANIANANAN ANAL TO sose; duration: Once, onset time: 15 minutes (14/10/2015 NIANIANANANANANANANANANANANANANANANANAN	B - Possible	CA.commerts: NCA agrees with MAH assessment: B (possible) for the three vaccines. Note: addition of veeddra term "anaphylactic-type reaction"
NOBIVAC L4	FR-NLINTVINT-2015-FR-01193	France	Animal	Canine/dog	Not Known	01/01/2015	27/10/2015	1 1	0	01/01/2015	Not Known	Lack of efficacy	Not Known	SLEE: Despite vaccination with NOBIVBAC L4, it seems the dog displayed signs of leptospirosis. The information was extremely limited at the time of reporting, awaiting further details. Reason for	Other Canine/dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; (01/01/2015-	O - Unclassifiable/unassessa	CA comments: Waiting for further information, the case is assessed O (unclassified).
NOBIVAC L4	FR-NLINTVINT-2015-FR-01218	France	Animal	Canine/dog	9 Year(s)	10/08/2015	05/11/2015	1 1	0	27/10/2015	Yes	Lack of efficacy	No Data	treatment: Vaccination Outcome of SAR: Unknown SLEE: Despite vaccination with NOBIVAC L4 on 10 Aug 2015, a dog displayed signs of leptospirosis on	Belgian	41.4	N/A) NOBIVAC L4 - N/A,N/A,N/A ,N/A,1	ble O1 - Inconclusive	CA comments: Awaiting for analysis results, the case
														27 Oct 2015: severe lethangs, weight loss, diarnhoea and vonting, Icterus, increased liver parameters, acute reanf allanter, trush sospitalized and received antibotics for (lotuvalina; cids). The dog had been previously vaccinated on 28 Jul and 28 Aug 2014. Analysis are pending, Awalting the results. F-up 4 Nov 2015 (received on 073/1/2015): PV sheet received. The dog dos displayed dysoroxis and petechiae, neutrophilia, monocytosis and haemoconcentration. The dog was put on a drip and received amoscillant - clavalunic add by twice daily, outcome remains unknown, analysis results haven't been received yet. Reason for treatment: Vaccination Outcome of 5AR: Unknown	Shepherd Dog Malinois	-	Dose; duration: Once; onset time: 2,5 Month (10/08/2015- N/A) 		is assessed O1 (inconclusive)
	FR-NUNTVINT-2015-FR-01311	France	Animal	Canine/dog	6 - 7 Week(s)	10/11/2015	22/12/2015	1 1		23/11/2015	Known, BR >>BR> >BR> Not Known, >BR >>BR>>BR> No	Death,Lack of efficacy	Not Known	SLEE: A puppy was vaccinated at the age of 4 to 5 weeks with NOBIVAC PARVO on 20 Oct 2015. [No final dosc of primary vaccination course given-EUL). On 23 Nov 2015, the puppy displayed hypothermia, bloody disrnboar, dehydration and date in the following pight. A rapid test showed parnovirus infection. Analysis are pending to confirm diagnosis, awalting the results and further details following 10 Dec 2015: The puppy was vaccinated on 20 Oct 2015 at the age of 5 weeks with NOBIVAC PARVO, on 10 Nov at the age of 8 weeks with NOBIVAC PARVO, on 10 Nov at the age of 8 weeks with NOBIVAC PARVO, and 10 Nov at the age of 8 weeks with NOBIVAC PARVO, and 10 Nov 20 November 10 NobivaC PARVO, and 10 10 NobivaC PARVO, a	Coton de Tuléar	Not Known	NOBINAC CHPPI - N/AN/A/N/A N/A,1 Dose; duration: Once; onset time: 13 Days (10/11/2015) N/A) - RPS-NOBINAC L4 - N/AN/AN/A, N/A,1 dose; duration: Once; onset time: 13/11/2015 	N - Unlikely	CA comments: NCA agrees with MAH. As the vaccination course was not achieved at the time of panovirosis, no efficacy can be expected. Follow-up 13/01/2016: Assessemnt unchanged
NOBIVAC L4	FR-NUNTVINT-2015-FR-01342	France	Animal	Canine/dog	2 Year(s)	01/12/2015	22/12/2015	1 1	0	01/12/2015	Yes, <b r="">BR>CBR>CPS, SERS SERS SERS SERS SERS SERS SERS SE	Crying, Recumbency, Trembling, Erythema (for uticatia see Immune SOC), Pruntus, Anaphylactic-type reaction, Discomfort NOS	No Data	1 hour after vaccination with NOBIVAC CHPP, NOBIVAC L4 and NOBIVAC RACE (rigiected institutionation), and og displayed recurrency, erythema and termbling. It received an injection of decamethasone (DEXADRESON) but 2 hours later, erythema still increased, it received another injection of conticions (methylpredisolors SOLIMERDROL) and recovered within 5 rev hours. No mon information expected, case closed. Follow-up 11 Dez 2015: Patient details added; Erythema was particularly present on figs, eyes, belly, fivors and chest. It does glob displayed puritus, disconfort and wasil. The vet reported anaphylactic type reaction it recovered within 4 to 5 hours after treatmen with corticols. Case closed Duration of reaction: 0 bay Resson for treatment. Vaccination Outcom of 50xt. Favorable	Other Canine/dog	5.4	NOBINAC CHPPI - N/AN/A/N/A N/A,1 Dose; duration: once; onset time: 1 hour (01/12/2015: N/A)-BR>-BR>-NOBINAC L4 - N/AN/AN/A, N/A,1 Dose; duration: Once; onset time: 1 hour (01/12/2015: N/A)-BR>-BR>-NOBINAC RAGE - N/AN/AN/A, N/A,1 Dose; duration: once; onset time: 1 hour (01/12/2015: N/A)-BRSBRS	B - Possible	CA commerts: NCA agrees with MM-I. The role of each vaccries is asseed 60 possible 3 Dez 2015 F- up: some details of symptomatology addedd. Assessment unchanged.
	FR-NLINTVINT-2015-FR-01353	France	Animal	Canine/dog		21/11/2015	09/12/2015	1 1		26/11/2015	Yes, <b R> >Yes</b 	Anaemia NOS,Thrombocytopenia,Renal failure,Erythema (for urticaria see Immune SOC),Death,Loss of condition		SAR: 5 days after vaccination with NOBINAC. Let and NOBINAC CHP, a bitch displayed polymorphous erythema, then, loss of condition, moderate anaemia with thrombocytopenia, renal failure and death despite hospitalization, perfusion, antibiotics (NARBOCYL) and corticolist. The bitch previously displayed polymorphous eyelthema on 2013 after vaccination with NOBINAC FORE, PNOBINAC LETPO an NOBINAC RAGE (see 2015-FR-03154) him one information expected, case closed. Duration of reaction: 8 Days. Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Pug		NOBIVAC CHP - N/A,N/A,N/A,N/A,1 Dose, duration: Once; onset time: 5 Days (21/11/2015- N/A)cBR>-CBR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; onset time: 5 Days (21/11/2015-N/A)cBR>-GR>	B - Possible	CA comments: NCA agrees with NAM. The role of each product is assessed B (possible)
NOBIVAC L4	FR-NLINTVINT-2015-FR-01355	France	Animal	Canine/dog	2 Month(s)	25/11/2015	15/12/2015	1 1	o	26/11/2015	Yes, <b R>BR>Yes</b 	Joint stiffness, Stiffness limb, Gait abnormality	No Data	SAR: 24 hours after vaccination with NGBIVAC L14 and NGBIVAC C14; a log displayed limb and cervice vertebra stifflens. About 1 week later, the dig still displayer foreilm bitflens and too much flexibility in the left olecranal ligament and it walks on its elbows. It was treated with corticoids. No more information expected, case closed.	l Pug	1.3	NOBINAC CHP - N/A.N/A.N/A.N/A.1 Dose : duration: Once; onset time: 24 hours (25/11/2015- N/A)-RBRBR>-NOBINAC L4 - N/A.N/A.N/A.1 Dose; duration: Once; onset time: 24 hours (25/11/2015-N/A)-BR>-CBR>	B - Passible	A comments: Time to A5 s ones its consistent with a probable note of both vaccines. Moreover, such events, though not listed in the relevant SPCs, have been already mentioned in other safety reports. As matter of facts, musculoskeletal disorders could occur because of the immune response evolded by succines' injection. Then, the extreme flexibility of the left old coloratial ignament levy recognises other causes. Thus, the role of NOBUNC LI and NOBUNC CIP's assessed § (AOD-Vayten possible).
NOBIVAC L4	FRA-CEVAPROD-90169	France	Animal	Canine/dog	3 Year(s)	30/06/2014	30/07/2014	1 1		30/06/2014	NO, <b gbr="" no,=""> <	Palpebral oedema, Facial swelling (see also 'Skin'), Anaphylactis-type reaction	Other	After visit to the vet where products were administered at approx 1500, in the evening approximate 7 hours later, appoint on I vowing for the replicts, muzia and nose of the dog. These signs disappeared during the night. The proposed aetiology by the veterinarian was a sting by an insect of hymenopteran type within was not send in therefore no link with the products. Follow up on 30/07/2013—the case was received by intervet with the following description: A blich displayed papiedral and nose oedema 5 hours after simultaneous injection (set tal belue of NOBINAC ERROR papiedral and nose oedema 5 hours after simultaneous injection (set tal alleval god in NOBINAC ERROR papiedral and nose oedema 5 hours after simultaneous injection (set tal alleval god in NOBINAC ERROR and application of VECTRA 30 (dinotedrane + priptroxyfere + permethrin). It recovered spontaneously within a few hours. The vet also suspects an insect sting. The vaccines are off-label use as simultaneous use with other product(s). Note: as VeODNA term "anaphylactic-type reaction" has been added by NCA, the case is upgraded to serious.	y French Bulldo	11.8	NOBINE CHIPPI - NIA.NIA.NIA NIA.1 Injectio Si imena capular; onnet time : Shours (BD/06/2014 NIA/SHBRB-NOBINE/CL = NIA.NIA.NIA.1 Injection SC intercapular; onset time: Shours (BD/06/2014 NIA.NIA.NIA.1 Injection SC intercapular; onset time: Shours (BD/06/2014 NIA.NIA.NIA.1 Injection SC intercapular; onset time: Shours (BD/06/2014 NIA.1 Injection SC intercapular; onset time: Shours (BD/06/2014-NIA).4 Injection SC intercapular; onset time SC intercapular; onset time Shours (BD/06/2014- NIA).4 Injection into on back; onset time: Shours (BD/06/2014- NIA).4 Injection into on back; onset time: Shours (BD/06/2014- NIA).4 Injection into on back; onset	B - Possible	CA comments. The regorted signs are compatible with an anaphylactic-type reaction. Each not one of the administered products could have trigerred such reaction. However, the time to onset of howard possible the intervention of another altergen (insect black, exercallegent). Therefore, the notice of VECTRA. 3D SOLUTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN AND ROBUNCAL CHEN POUR CHESTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN AND ROBUNCAL CHEN POUR CHESTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN AND ROBUNCAL CHEN POUR CHESTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN CHESTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN CHESTION SPOT-ON POUR CHENS DE 10-25 KG, NORWACCHEN CHESTION SPOT-ON POUR POUR POUR POUR POUR POUR POUR POUR

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	FRA-MERCKMSD-2015-FR-01414	France	Animal	Canine/dog	4 Year(s)	14/09/2015	22/01/2016	1	1 1	10/12/2015	Yes	Death by euthanasia, Lack of efficacy		SLEE Adog was vaccinated with NOBIVAC L4 on 14 Sep 2015 and 12 Oct 2015. On 10 Dec 2015. It displayed acute rend failure, on 14 Dec : evalved 50 MJ C7 gmfg, deveated urends [15 1,9]), hematural and lexcocyturia. It was hospitalized, put on a drift and received amoscillan and clavulanic acid. The vet suspects letgorisorius serology is prendig, awaiting results. F- ip 11 Jan 2016: The dog was eurhanised on 19 Dec 2015 Secause of deterioration of its condition. The MAT was positive for serox Saxochieling to other serovar identified but the period between beginning of signs and blood test was too short. No kinetic was performed. Case closed. Reason for treatment. Vaccination Dutcome of 58th: Urdisposable states.	Other Canine/dog	36	NOBIVAC L4 - N/A,N/A,N/A ,N/A,once; onset time: 3 Months (14/09/2015-N/A) >BR>	O1 - Inconclusive	CA comments: The vaccine was used as recommended in the SPC. Waiting for a diagnosis, the LEE of NOBINAC L 4 is O (unclass) filled) assessed. Follow-up 01/02/2015: NCA agrees with MAH. Considering the analysis results, no clear conclusion can be drawn. The case is reassessed O1 (inconclusive)
	FRA-MERCKMSD-2015-FR-01451	France	Animal	Canine/dog		09/12/2015	26/01/2016	1	1 1		R×BR×BR>No, ERS-VBR×BR> BR>BR>BR>ERS-VBR ×BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Death, Lack of efficacy (parvovirus)		SLEE: A puppy was vaccinated at the age of 4 weeks (ID Sep 2013 a proximately) and 6 weeks (IS Oct approximately) with NOBINAC RAVIOL was then vaccinated at the age of 2 mets (II NOBINAC LARVIOL Was then vaccinated at the age of 3 mets (II NOBINAC LARVIOL CHPR) and NOBINAC LA. It received a bootster injection of NOBINAC L4 at the age of 3 mits (I Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 3 mits (II Dec 2015 approximately), at the age of 4 mits (II Dec 2015 approximately), at the age of 7 weeks. Then, with EURICAN CHPP2L-ol 12 No 2015 (II Liu no booter injection), then, with NOBINAC CHPP and NOBINAC La for Dec 2015. On 16 dec 2015, the puppy was valouistic action (II Dec 2015 approximately) and impared condition. Decipte treatment with amouncilling - Ladvainac acid, gastrie pand NOBINAC La for displaced point on the originated condition reformation expected, case closed. Duration of reaction: 4 Days Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Other Canine/dog	3	EURICAN CIPPP12-1-N/AN/AN/A N/A1 obse; (121/17015- N/A)-88b-38-NOBIWAC CIPP1- N/AN/AN/A N/AN/One; (09/12/2015- N/A)-88b-38-NOBIWAC KC- N/AN/AN/A N/AN/A (021/17015- N/A)-88b-38-NOBIWAC PARVO- N/AN/AN/AN/AN/A 10-0se; (09/12/2015- N/AN/AN/AN/AN/A 10-0se; (02/11/2015-N/A)-88-68>	N - Unlikely	CA comments: NCA agrees with MAH-I. As the vaccination pragma was not respected (animal too young at first injection and no boster vaccination after NOBIVAC CIPPI), no efficacy and be expected. The role of the three vaccines is assessed N (unilitely) follow-up-01/02/2016/ No information available about efficacy of vaccination after primary- vaccinations with DBINEA CAPATVO and booster vaccinations with DBINEA CAPATVO and the with NOBIVAC CIPPI. The role of the five vaccines is assessed N (unilitely) Note: Veddra term "Lack of efficacy" replaced by "Lack of efficacy (parvovirosis)"
NOBIVAC L4	FRA-MERCKMSD-2015-FR-01452	France	Animal	Canine/dog	3.5 Month(s)	01/11/2015	26/01/2016	1	1 0	19/12/2015	Yes, <b R>BR> Yes, </b 	Lack of efficacy (parvovirus)	No Data	SLEE: The case is linked to 2015-FR-01451, second puppy in the same breeding, same vaccination program. Apply mys swcianised at the age of 4 weeks (DS op 2015 approximately) and 6 weeks (DS operationately) with NOBINAC PRAYOLIT was then vaccinated at the age of 2 mfts (1 Nov approximately) NOBINAC PRAYOLIT was then vaccinated at the age of 2 mfts (1 Dec 2015 approximately). As operating the program of the program of 1 nd to 1 Dec 2015 approximately), as operated to the display as a pending to confirm the diagnosis. Awaiting the results. Fup 7 jan 2016. The puppy was treated with amountain confirmately provided to the program of the puppy but in case 2015-FR-01452, IRT (Nas positive for CPV2 and PCR positive for CPV2 readings). As now information are provided to the program of the puppy but in case 2015-FR-01452, IRT (Nas positive for CPV2 and PCR positive for CPV2 readings). As now information appeted, case of case, Reason for CPV2 readings of the program of the puppy of the case 2015-FR-01452, IRT (Nas positive for CPV2 and PCR positive for CPV2 readings). As now information appeted, case of case, Reason for CPV2 readings of the program of the puppy of the case 2015-FR-01452, IRT (Nas positive for CPV2 and PCR positive for CPV2 readings).	Other Canine/dog	Not Known	NOBINAC CHPPI - N/A.N/A.N/A N/A.once; onset time: 1,5 Months (30/10/2015- N/A-BR-NOBINAC L4 - N/A.N/A.N/A. N/A,1 Dose 1 Animal; (01/11/2015- N/A.N/A.N/A.N/A. DOSE 1 Animal; duration: 15 Day; onset time: 2,5 Months (30/09/2015-N/A) -SBR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	N - Unlikely	CA comments: As the primary course of vaccination with NGBIVAC DEPP was not complete, no efficacy can be expected. As NGBIVAC PARVO was not used a recommended jaminal too youngh, no efficacy can be expected. NGBIVAC L6 has no claimed efficacy against parvoviorist. Therefore, the three vaccines are N (inlikely) assessed. Follow-up 0.7 (N/27)016: The assessment remains unchanged, Note: Vedda term 'Luck of efficacy' replaced by 'Luck of efficacy' glorovorinsip'.
NOBIVAC L4	FRA-MERCKMSD-2015-FR-01457	France	Animal	Canine/dog	Not Known	01/03/2015	23/12/2015	1	1 1	01/12/2015	Yes	Death,Lack of efficacy	No Data	SLE a herring dog, seccinated in Mar 2015 with hobbase I.4, died begin of Dec 2015 because of an SLE & herring dog, seccinated in Mar 2015 with hobbase I.4, died begin of Dec 2015 because of an souther main furnifician (A. Pelotypoins) serolgy was positive to 7 serours of Reuchine Srovans (The attending vet didn't have the results under his seys when he gave a call to our technical vetd, Awaiting for the PV sheet and the precise level of seropositivity for each serovar. Reason for treatment; Prophylasis Octioner of SAR: Unitaryous for the PV sheet and PV service of SAR: Unitaryous for the PV sheet and PV service of SAR: Unitaryous for the PV service of SAR: Unitaryous for the PV service of SAR: Unitaryous for SAR: Unitaryous for the PV service of SAR: Unitaryous for the PV ser	Other Canine/dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose Not applicable 1 Animal; duration: 1 Day; (01/03/2015- N/A) 	B - Possible	CA comments: The dog was properly vaccinated and was diagnosed with leptospirosis 9 months later. Walting for final results, the LEE is B (possible) assessed.
NOBIVAC L4	FR4-MERCKMSD-2015-FR-01458	France	Animal	Canine/dog	11 Year(s)	14/10/2015	13/01/2016	1	1 1	20/12/2015	Yes	Death,Lack of efficacy	No Data	SEE Despite vaccination with NOBINAC L4 on 18 Oct and 18 Nov 2015 (primary course), a dog displayed liver and rean insufficiency, primary (server) and severe apathy no 20 Dec 2015. The vet suspects leptosprosis, analysis are pending to confirme the diagnosis. Awaiting the results. Follow-up 30 Dec 2015: Analysis results received: reciproprisons regulation on blood and uniter (micro-agglutination), No PCR was performed. Serology was positive for 3 servours (L. australis 1/400; L. caracios 1/200; L. prophophosa 1/200; positivity level 1-2/200; Outcome remains unknown. Still awaiting further information. Pup 6 Jan 2016: The dog died on beginning of Jan 2016. The vet indicated artifiction treatment with cellsience was ongoing for fortwine bronchist at the time of analysis. No further information could be obtained. Case closed. Duration of reaction: 23 Days Reason for treatment: Vaccination Outcomer 5/58: Lifebone 95 SSR 1000.	Other Canine/dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A ,N/A,once; onset time: 66 Days (14/10/2015-N/A) 	O - Unclassifiable/unassessa ble	CA comments: NCA agress with MAH. Awaiting for analysis results, the role of NOBINAC L4 is assessed O (unclassified) Follow up 06/01/2016: the assessment remains unchanged since inevstigations were not conclusive.
NOBIVAC L4	FRA-MERCKMSD-2015-FR-01462	France	Animal	Canine/dog	8 Month(s)	21/12/2015	24/12/2015	1	1 0	21/12/2015	Yes, <br< td=""><td>Vomiting,Quincke's oedema</td><td>No Data</td><td>SAR: 10 minutes after vaccination with MORIVAC L4 and MORIVAC RAGE, a bitch displayed vomiting several times. 1 hour after vaccination it also displayed Quincke's oedema. It received corticoids IV and diuretics and recovered within 24 hours. Note: previously, it had been vaccinated with MORIVAC on 6 Jan and 27 Jan 2015 without reaction. No more information expected, case closed. Duration of reaction: 1 Day Reason for treatment: Vaccination Outcome of SAR: Favorable</td><td>Jack Russell Terrier</td><td>Not Known</td><td>NOBIVAC L4 - N/A,N/A,N/A N/A,once; onset time: 10 Minutes (21/12/2015- N/A)-BR>-BR>NOBIVAC RAGE - N/A,N/A,N/A,N/A,once; onset time: 10 Minutes (21/12/2015- N/A)ARPA-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-</td><td>B - Possible</td><td>CA comments: NCA agrees with MAH. The role of each vaccine is assessed B (possible)</td></br<>	Vomiting,Quincke's oedema	No Data	SAR: 10 minutes after vaccination with MORIVAC L4 and MORIVAC RAGE, a bitch displayed vomiting several times. 1 hour after vaccination it also displayed Quincke's oedema. It received corticoids IV and diuretics and recovered within 24 hours. Note: previously, it had been vaccinated with MORIVAC on 6 Jan and 27 Jan 2015 without reaction. No more information expected, case closed. Duration of reaction: 1 Day Reason for treatment: Vaccination Outcome of SAR: Favorable	Jack Russell Terrier	Not Known	NOBIVAC L4 - N/A,N/A,N/A N/A,once; onset time: 10 Minutes (21/12/2015- N/A)-BR>-BR>NOBIVAC RAGE - N/A,N/A,N/A,N/A,once; onset time: 10 Minutes (21/12/2015- N/A)ARPA-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed B (possible)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00071	France	Animal	Canine/dog	Not Known	14/01/2016	25/01/2016	1	1 0	14/01/2016	Yes	Ataxia,Drunken gait,Apathy,Groaning	No Data	SAR: On 14 Jan 2016, vaccination with NOBIVAC L4 (booster injection, previous injection on 23 Dec 2015), the dog went back home, it remained at home. 2 hours later, it displayed groaning, ataxia, drunken gait and apathy.Outcome unknown at the time of reporting. Awaiting further details.	Skye Terrier	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose/Day; onset time: 2 Hours (14/01/2016-N/A) 	A - Probable	CA comments: Signs and chronology are compatible with an anaphylactic-type reaction or with a post- vaccinal reaction. The role of NOBIVAC L4 is assessed
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00074	France	Animal	Canine/dog	8 Year(s)	01/03/2015	19/02/2016	1	1 0	11/01/2016	Yes	Lack of efficacy	No Data	SLE: Despite vaccination with NOBINAC L4 (2 injections of primary course), a dog displayed renal failure and liver failure (vaccination dates have to be confirmed). It recovered within 10 days approximately with suspecified treatment. The vest suspects leptospicosis. Analysis is pending to confirm the diagnosis. F-up 10 Feb 2016: The bitch had been vaccinated on Mar and Apz 2015. On 11 Jan 2016 approximately, It displayed hypothermina, hepatitis and nephritis, neutrophilis, deveated ATI and creation. It recovered within 1 week with antibiotics (marbofloxacian and amosciellis) and IV indision. The diagnosis wasn't confirmed by analysis, no MAY was performed. No more information expected, case closed. Duration of reaction: 1 week Reason for treatment: Vaccination Outcome or SAE. Pavarsable	Not Applicable	è 30	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose / Day; onset time: 10 Months (01/03/2015-N/A) 	O - Unclassifiable/unassessa ble	Automation: Accomments. Given the lack of several information about the case and of the results of laboratory investigation, the olice of NoBINEA LE assessed O (ABOM-system: unclassifiable, unassessable). Follow up (10)(27)(2016; in between of confirmed diagnosis of legiospirosis, the LOE of NOBINAE L4 is O (unclassified) assessed.
	FRA-MERCEMSD-2016-FR-00129	France	Animal	Canine/dog		18/12/2015	15/02/2016	1	1 0		R>BR>BR>Yes, <pre>dBR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B</pre>			SAR: a male Setter dog was vaccinated with NOBINAC CHP, NOBINAC RAGE, NOBINAC L4 and NOBINA CC on 18 Dec 2015. On 31 Dec 2015, 16 displayed severe failed and voniting. On 11 an 2016, if displayed cerebral vascular accident. It was treated with contools, manopitant and vincarine-papewine and recovered partially but still displayed facial paralysis, head tilt and droopy (Igs. Awaiting further details. F-up 5 reb 2016: The dog also displayed anorexia, central vestibular ataxia and facial hemiplegia. It remains allve with sequelae. No more information expected, case closed.		28	NOBINAC CHP - NANJANIA NI/A.1 Dose; datation: Once; onset time: 12 Days (18/12/2015- NI/ASIN-ASINOSINAC KC - NI/ASIN-ASINOSINAC KC - NI/ASIN-ASINOSINAC KC - NI/ASIN-ASINOSINAC KC - NI/ASIN-ASINOSINAC LA - NI/ASINOSINAC NASIC - NI/ASIN		CA.commerts. MCA agrees with MAH's comments and assessment. Further details necessary to a properer evaluation of the case. The assessment administered to IQABON-system: noncolucive). Veddra Head tilt-ear disorder changed to head tilt-ear disorder changed to head tilt-ear disorder. Follow-up 05/02/2016: assessment unchanged
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00176	France	Animal	Canine/dog	13 Year(s)	02/02/2016	23/02/2016	1	1 1	02/02/2016	Yes	Agitation, Prunitus, Death, Fatigue	No Data	SAR: 2 hours after vaccination with NOBIVAC L4 on 2 Feb 2016 (annual bootser injection), a dog displayed aglation and purifus, then failings. In recovered within 1 hour after administration of corticolist, SC injection), No more information expected, case closed. F-up 11 and 15 Feb 2016: The dog was in a fail condition before vaccination. The vet indicated it suffered from mitral cardiac insufficiency and pulmonary arterial hypertension before vaccination. A few days after vaccination (date not precisely hown), It ded after complication of its cardiac insufficiency. No port morter investigation was performed. The case is upgraded to serious and finally closed. Duration of reactio 2 Weeks Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Jack Russell Terrier	9	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; onset time: 2 hours (02/02/2016-N/A) 	B - Possible	CA comments: The first clinical signs (agitation, purities and faliging and their time to onest are suggestive of a post-vaccinal reaction and/or analys/sictic-type reaction. However, the death despite treatment with corticols is rather unexpected. Moreover, the animal silvered from cardio-respiratory insufficiency before vaccination and the country of the control

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NOBIVAC L4		France	animai	Canine/dog	4 Month(s)	16/02/2016	18/03/2016	1	1 18	R	es, Yes</b 	Anaemia NOS,Neutropenia,Death,Dehydrati on,General illness	No Data	Vaccination of two puppies with NOBIVAC CHPPI and NOBIVAC L4 on 15 Feb 2016. On 18 Feb 2016, the owner gave a clul to the vet to tell him that one of the puppies was not in good health. The day after, the puppy was seen by the vet and it displayed dehydration, slight anaemia and neutroperia. Death of the puppy (date unknown). Austrilia further information (PV devel). Flow up (15 Mar 2016) : reception of a lab PCR which is positive for Parvovirosis. No more information espected. Case closed. Follow up (16 Mar 2016): identification of the strain : CPV-2b. No more information espected. Cise closed.	German Shepherd Dog	15	NOBIVAC CHPPI - N/A/N/A/N/A N/A_1 Dose; conset time: 2 days (16/02/2016- N/A) <brgr-nobivac -<br="" l4="">N/A/N/A,N/A,N/A,1 Dose; onset time: 2 days (16/02/2016- N/A)<brgr-< td=""><td>N - Unlikely</td><td>CA comments: Because of the lack of more and detailed information relevant to the case reported as well as anamestic elements, it is not possible to draw unambigous conducion. Notwethstanding neither a role of both vaccines can be excluded. Thus NOBING. OFFI and NOBING. Lar both bassessed O.1 (inconclusive). Follow-up 16/03/2015: The laboratory results revealed that the puppy death was due to paravivoriss, problady contracted before vaccination. Therefore, the role of both vaccine is re-assessed N. (incities).</td></brgr-<></brgr-nobivac>	N - Unlikely	CA comments: Because of the lack of more and detailed information relevant to the case reported as well as anamestic elements, it is not possible to draw unambigous conducion. Notwethstanding neither a role of both vaccines can be excluded. Thus NOBING. OFFI and NOBING. Lar both bassessed O.1 (inconclusive). Follow-up 16/03/2015: The laboratory results revealed that the puppy death was due to paravivoriss, problady contracted before vaccination. Therefore, the role of both vaccine is re-assessed N. (incities).
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00307	France	Animal	Canine/dog	2 Year(s)	22/02/2016	08/03/2016	1	L 0 22		es, <er< td=""><td>Hypercalcaemia Apathy, Elevated live enzymes, Hypergho-aemia, Hypergho-aemia, Hypergho-sphatemia, Leucocytosis, Addomin al pain, Vomiting, Hepatic insufficiency, Elevated BUN, Elevated area time, Elevated creatine-kinase (CKJ, Elevated cholesterol (total)</td><td>No Data</td><td>The attending vet asked the technical service if cases of renal or liver insufficiency have already been described after vaccination with NOBINZC 4. d. on 22 feb 2016, a dog was vascinctated with NOBINZC CHPPI, NOBINZC 14 and NOBINZC RACE (annual booster injection) A few hours later, if displayed conting. The following days, if displayed apathy. On 25 feb, the displayed numerous vontings, at vet examination, it displayed abdominal pain, elevated creatinine and BUN, hyperphosphatemia, hypercalcaemia, elevated anymiss, creatinine kinase, cholesterol, and ALT and elevacoptosis. It was hospitalized, received IV infusion and antibiotics. Its condition improved within a few days but renal parameters remained elevated. The vet dos suspected pancreatists. Unknown if huffer analysis will be performed. Awaiting further details. Follow up IDS Mar 2016): reception of the FV sheet. Vaccination on 27 feb 2016 at 0.300 pm only with NOBINZCL 61 and NDBIAC AEGE. Analyth during 3 days. Negative pancreatist is set (canine pancreatis (plase test) performed on 26 feb 2016. New analyse on 29 feb 2016 with elevated BUN, creatinine and hyperglycemia. No other information expected. Case closed. Reason for treatment: Vaccination</td><td>Shih Tzu</td><td>Not Known</td><td>NOBINAC 14 - N/A/NA/N/A 100es; (22/02/2016- NAGE - N/A/SBR>GBN-NOBINAC RAGE - N/A/NA/NA/NA 1/A/1 00es; (22/02/2016- N/A/SBR>GBR></td><td>B - Possible</td><td>CA comments: NCA agrees with MAH's comments and assessment. As voticin were administered at the same time, the role of NOBIVAC L4 and the one of NOBIVAC RAGE are both assessed B (possible).</td></er<>	Hypercalcaemia Apathy, Elevated live enzymes, Hypergho-aemia, Hypergho-aemia, Hypergho-sphatemia, Leucocytosis, Addomin al pain, Vomiting, Hepatic insufficiency, Elevated BUN, Elevated area time, Elevated creatine-kinase (CKJ, Elevated cholesterol (total)	No Data	The attending vet asked the technical service if cases of renal or liver insufficiency have already been described after vaccination with NOBINZC 4. d. on 22 feb 2016, a dog was vascinctated with NOBINZC CHPPI, NOBINZC 14 and NOBINZC RACE (annual booster injection) A few hours later, if displayed conting. The following days, if displayed apathy. On 25 feb, the displayed numerous vontings, at vet examination, it displayed abdominal pain, elevated creatinine and BUN, hyperphosphatemia, hypercalcaemia, elevated anymiss, creatinine kinase, cholesterol, and ALT and elevacoptosis. It was hospitalized, received IV infusion and antibiotics. Its condition improved within a few days but renal parameters remained elevated. The vet dos suspected pancreatists. Unknown if huffer analysis will be performed. Awaiting further details. Follow up IDS Mar 2016): reception of the FV sheet. Vaccination on 27 feb 2016 at 0.300 pm only with NOBINZCL 61 and NDBIAC AEGE. Analyth during 3 days. Negative pancreatist is set (canine pancreatis (plase test) performed on 26 feb 2016. New analyse on 29 feb 2016 with elevated BUN, creatinine and hyperglycemia. No other information expected. Case closed. Reason for treatment: Vaccination	Shih Tzu	Not Known	NOBINAC 14 - N/A/NA/N/A 100es; (22/02/2016- NAGE - N/A/SBR>GBN-NOBINAC RAGE - N/A/NA/NA/NA 1/A/1 00es; (22/02/2016- N/A/SBR>GBR>	B - Possible	CA comments: NCA agrees with MAH's comments and assessment. As voticin were administered at the same time, the role of NOBIVAC L4 and the one of NOBIVAC RAGE are both assessed B (possible).
	FRA-MERCKMSD-2016-FR-00348	France	Animal	Canine/dog	4.5 Year(s)	28/09/2015	30/03/2016	1	1 28		es, 	Death,Lack of efficacy	No Data	SEE: a manual booster vaccination with NGBIVAC CHPPI in Aug 2015. Priming with 2 injections; (in Aug 2015 and the second in Sep 2015) of 10 MSWAC L4. 28 Peb 2016: old gisbayed vorning. Treatment with antibotic and perfusion. 28 Peb 2016: old gisbayed hemorragic darrhora, a cute renal insufficiency and beparts insufficiency and better self-datumin.) Old Mar 2016: negative leptosprosis serology with a witness test. Old Mar 2016 at the time of the report, the dog is in an every poor condition and an estimation will be proposed to the owner. Awaiting further information. Flow up (11 Mar 2016): by phone call, the assistant of the atteding vet said that the dog ided on OS Mar 2016. No eurhanson, no more information given by phone. Awaiting further information (IPV) sheet and second ieptosprosis serology. Follow up (18 Mar 2016): reception of the PV sheet. Death of the dog on OS Mar 2016. Acute renal insufficiency was cranscrienced by una (12 st) pind and retainin (18.5 mg/). The proposition of the PV sheet. Death of the dog on OS Mar 2016. See that the old of the proposition of the PV sheet. Death of the dog on OS Mar 2016. See the proposition of the PV sheet. Death of the dog on OS Mar 2016. See the proposition of the PV sheet. Death of the dog on OS Mar 2016. See the proposition of the PV sheet. Death of the dog on OS Mar 2016. See the proposition of the PV sheet. Death of the dog on OS Mar 2016. See the proposition of the PV sheet. Death of the dogs of the PV sheet. Death of the PV	Crossbred	23.55	NOBINZ CHPFI-N/AN/AN/A N/AL Toos; (RSR)2015- N/A)-RBF-GR-NOBINZ LE 1 N/AN/AN/AN A/AL TAL Dose; duration: 1 Day; (28/09/2015-N/A)-BR>-GR>	O1 - Inconclusive	CA comments: Awaiting for leptosprosis lab results. the role of NOBIVAC Lis assessed OI (inconclusive). The role of NOBIVAC CHPP is assessed by (unlikely) F- up 25 Mar 2016: assessments unchanged.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00462	France	Animal	Canine/dog	7 Week(s)	22/01/2016	25/03/2016	8 :	7 0 22	!/01/2016 Yi	es, Yes</b 	Diarrhoea Appetite loss Typerthermia, Lehtary (see also Central nervous system depression in "Neurologica"), Oedema NOS (see other SOCs for specific oedemas), Facial oedemas, Facial	No Data	8 pupples from the same litter have been vaccinated with NGBIVAC L4 and CANIGEN CH9P on 22 an 2016 at 02:00 pm. one of them displayed, the samed by a 170-700 pm, appetite loss, lethargy and hyperthermia. The day after, on 23 jan 2016, a second puppy displayed same signs, one on 24 jan and the other on 25 jan; a lapsortomy has been done on this puppy and mesenteric lymph nodes were enlarged. On 28 jan, a Jother puppies displayed asset gisps, one day far the same control of the puppies displayed and septements. The control of a long with cortison and recovery (time to recover unknown). No more information expected. Case closed. Duration of reaction: 5 Weeks Reason for treatment: Vaccination Outcome of SAR: Favorable	Bernese Mountain Dog	Not Known	CANIGEN CHEFT - N/AN/AN/AN/A N/A.1 Dose; duration: 1 Day; (22/01/2016- N/A)/ABRBR-NOBIVAC L4 - N/AN/AN/A N/A.1 Dose; duration: 1 Day; (22/01/2016-N/A)-BR>-BR>	B - Possible	CA comments: Although the hypothesis of concomitants, if reticton's couls be condidered in the light of type of signs and chronology, the fact that continoes treatment, in as uch critical age/acute phase of the disease) was followed by recovery lies on the side of a reaction to the vaccines. Other similar cases (namely about symptoms) concerning vaccines are always reported. Thus the roles of NoBlank'C4 and CANIGER CHPPI are both assessed 8 [possible]. The devide ream "anaphylactic type reaction" was added. OI April 2016. following a discussion with the MAH, the term "anaphylactic type reaction" changed to HYPERSENSITUITY REACTION.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00477	France	Animal	Canine/dog		4 05/11/2015	29/04/2016	1	1 23		iot nown, BR BR>BR>	Death by euthanasia, Lack of efficacy	No Data	SLEE for Lepto A dog, vaccinated with NOBINAC LE And EURICAN CHPPIZ displayed an acute renal insufficiency on 21 May 2016 with proteinum, hypotherman, weight loss and non regenerative anemal. The dog was not well since 15 days. Dosage in the Blood of urea (not measurable) and creatinine (133 mg/l). New dosage on 23 Mar 2016: ures 29 gla and creatinine: 138 mg/l, Reference ranges; ures 2.0.14 - 0.567 gl/l; creatinine: 5-1 Sim gr/l). Perfusion with NaCl during 48 hours. Euthanasis on 23 Mar 2016: ures 2016. Supplicion of Berosporosis by the attending vet. PCR and leglo scredopy perfusion. Available for analyses results and PV sheet. Follow up (25 Mar 2016): reception of the PV sheet: The dog also displayed pale moscose and grippidu lateration. Treatment with herpfusion of NaCl 0.095, artifibiotic and emergicii. Awaliting for analyses. Follow up (18 Apr 2016): reception of serology. PCR not done. Defection of Australia, Bratishiva and Gripothyposa at a distillation eviet of 1/20.01 his in line with a vaccinal profile and not an infectious one. No more information expected. Case closed.	Welsh Springe Spaniel	r 20	EURICAN CHPPI2 - N/A,N/A,N/A N/A,1 Dose; duration: once; (08/10/2015- N/A)-RBP-GRN-NOBIVAC L4 - N/AN/A,N/A,N/A,1 Dose; duration: once; (05/11/2015-N/A)-GBR>-GBR>	N - Unlikely	CA comments: NCA agrees with MAH's comments and assessment concerning NOBINUC L.1 hus, as of the lack of further details (namely, lab dagoosis, but also including chronology of vaccination) as well as the profile of the other vaccine administered, the role of NOBINUC L.6 is assessed [a possible, whereas the one of EURICAN CHPD? is assessed for Mobiley-Northeres the one of EURICAN CHPD? is assessed for NOBINUC L.6 is re-assessed No. (unlikely). Follow-up 18/04/2016: The role of NOBINUC L.4 is re-assessed No. (unlikely).
NOBIVAC L4	FRA-MERCIOASD-2016-FR-00478	France	Animal	Canine/dog	11 Year(s)	17/08/2015	29/04/2016	1	1 06		lot inown, BR GR>GR> es	Death,Lack of efficacy	No Data	SEE for Legion A dog, vaccinated with NOBINAC LE and EURICAN CIPPEZ displayed a renal insufficiency since mid of Mar 2016 with anoreals, volumiting distinction and pathy. Dossge in the blood of urea (2.73 g/l) and creatinine (68 mg/l). (Reference ranges: urea: 0.1.4 - 0.55° g/l); creatinine: 5 - 18 mg/l). Perfusion with NoE during 48 hours. No improvement of the condition. Supplication of plepsopriosis by the attending vet. Lepto serology pending, awaiting for analyses: results and PV sheet. Follow up (25 Mar 2019): reception of the PV sheet. Appoint nor of signs on 63 Mar 2016. Dis displayed to so of weight. Treatment with perfusion, antibatotics and emepted. Awaiting for analyses. Follow up (15 Apr 2015): Reception of serology results: Detection of 6 Leptospite serolypes incuded vaccine strains and two other strains at dilution level of 1/100 to 1/200. The conclusion of the report is "Contact with leptospic: It is recommended to be a kirelist to know when was the contact. The dog died on 28 Mar 2016. No more information expected. Case closed.	/ English Toy Terrier	8.2	EURICAN CHPPI2 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,Dose; duration: once; (113/07/2015-N/A)+BB>-GBN-0081VAC L4 - N/A)+BB>-GBN-0081VAC L4 - N/A,N/A,N/A,N/A,I Dose; duration: once; (17/08/2015-N/A)+BB>-GBN-0081VAC (17/08/2015-N/A)+GBN-BB>-	O1 - Inconclusive	A comments: NCA agrees with MAM's comments and assessment connerning NOBINUE LA IT.Nus, as of the tack of further details (name), bit ad diagnosis, but also cutulang chronology of vaccination) as well as the porfile of the other vaccine administered, the role of ROBINUE La is assessed a (possible, whereas the one of EURICAN CHEPD is assessed to (socilied). Follow-up 18/02/0216. No Agrees that it is impossible to cotally exclude a leptospirosis even if it appears unlikely. Therefore the role of NOBINUE Lis is eassesd of 10 (conclusive)
NOBIVAC L4	FRA MERCIONSD-2016 FR-00481	France	Animal	Canine/dog	4 Year(s)	19/10/2015	26/05/2016	1	1 20	0/03/2016 Y.R	es, sR> <b </b sex-BR>No	Death by euthanasia, Lack of efficacy	Other	SLET ideapte vaccination with Nobbact 14 on 19 OCI 2015, a dag has been seen by the attending vict on 22 Mar 2016. The dog was not well since 2 dags and as the consultation, diagloped hyperthermiss (ITC = 42), fatigue, yellow to orange mucosae, dark to red urine. No blood and no urine analysis performed, Perkinson and antibliotics. The dog received another injection of the same vaccine one year before but never received a complete priming with two injections. PCR and legto serology are pending, alwaiting further information (PV better and analysis), allowing up (25 Mar 2016). The attending vet performed a blood smear which was positive for proplasmosis. Treatment with carbosia-analysis of the proplasmosis in the performed a blood smear which was positive for proplasmosis. Treatment with carbosia-analysis of the proplasmosis in the pro	Labrador Retriever	35	NOBINYA CHIPPI - N/A-N/A-N/A N/A) Dosic divisitors 1 Days poset time > A Months (19/10/2015) N/A-SPA-SB-NOBINYA Lis N/A-SPA-SB-NOBINYA Lis N/A-N/A-N/A-N/A) N/A1 Dosic duration: 1 Days onset time > 4 Months (19/10/2015-N/A)<8R>-6R>-	N - Unlikely	A comments: Proplasmosis (signs described were very consistent with situacias as well was diagnosed and investigations for legiorganosis are sall conding; although those last ones will get possible results, SPC vaccination scheme has not been respected. Thus, there de n NoBINAC correlation scheme has not been respected. Thus, there de n NoBINAC correlation scheme has not been respected. Thus, there de n NoBINAC correlation scheme has not been respected. Thus, there de no NoBINAC correlation scheme has not been consistent of the normal scheme has not been consistent or the normal scheme has not been consistent or the normal scheme has not been consistent or the normal scheme has no scheme has not been consistent or the normal scheme

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NOBIVAC L4	FRA-MERCKMSD-2016-FR-0048S	France	Animal	Canine/dog	11 Week(s)	24/03/2016	05/04/2016	1	1 0	24/03/2016	Yes, <b R> >BR>Yes</b 	Papule, Eyelid oedema, Anaphylactic type reaction, Swollen lip (see also 'Skin'), Urticarial rash		20 minutes after vaccination with NOBIVAC CHPPI and NOBIVAC L.4, a dog displayed swollen lips and eyelids and pagilo with urtication on whole body. Treatment with melylprednisolone and recovery within 30 minutes. No more information expected. Case closed. Duration of reaction: 0 Day Reason for treatment: Vaccination Outcome of SAR: Favorable	Boxer (German an Boxer)	7.4	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: 1 Day; onset time: 20 min (24/03/2016- N/A)<-BR>-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 20 min (24/03/2016-N/A)<-BR>>	B - Possible	CA comments: Although reaction has been clearly due to the vaccines administered, the fact those were injected simultaneously does not allow to straight identify the role of each one. Thus NOBINAC CHPPI and NOBINAC L4 are both assessed [possible]. Note: Veddra LOCAL SWELLING (not application site) changed to PEVID ORDEMA.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00540	France	Animal	Canine/dog	1.5 Year(s)	01/04/2016	06/04/2016	1 :	1 0	01/04/2016	Not Known, <br< td=""><td>Urticarial rash,Quincke's oedema</td><td>No Data</td><td>SAR: vascination (annual booster) with Nobivec LL, Canigen CFIPP and Rablgem Mono at 0300 pm. At 603 Jpm, the 60g slophyed a Clunick-60 ocedem and age generalised urticaria. Transment with methylprediction by IV route and then by oral route. Recovery (time to recover unknown). No mon information expected. Case closed. Reason for treatment: Prophylaxis</td><td>t Crossbred</td><td>Not Known</td><td>CANIGIN CHPPI - N/A N/A,N/A N/A,1 Dose; duration: once; onset time: 3h30 (01/04/2016- N/A)-RR-4RR-NOBINAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 3h30 (01/04/2016- N/A,N/A,N/A,N/A,N/A,Dose; duration: once; onset time: 3h30 (01/04/2016- N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,</td><td>B - Possible</td><td>CA comments: NCA agrees with MSD assessment. The role of each vaccine is assessed B (possible)</td></br<>	Urticarial rash,Quincke's oedema	No Data	SAR: vascination (annual booster) with Nobivec LL, Canigen CFIPP and Rablgem Mono at 0300 pm. At 603 Jpm, the 60g slophyed a Clunick-60 ocedem and age generalised urticaria. Transment with methylprediction by IV route and then by oral route. Recovery (time to recover unknown). No mon information expected. Case closed. Reason for treatment: Prophylaxis	t Crossbred	Not Known	CANIGIN CHPPI - N/A N/A,N/A N/A,1 Dose; duration: once; onset time: 3h30 (01/04/2016- N/A)-RR-4RR-NOBINAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 3h30 (01/04/2016- N/A,N/A,N/A,N/A,N/A,Dose; duration: once; onset time: 3h30 (01/04/2016- N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	CA comments: NCA agrees with MSD assessment. The role of each vaccine is assessed B (possible)
NOBIVAC L4	FRA-MERCKINSD-2016-FR-00546	France	Animal	Canine/dog	7 Year(s)	18/09/2015	09/05/2016	1 :	1 1	23/02/2016	Yes	Death, Lack of efficacy	No Data	SIE: 1 despite vaccination with NOBINAC. L4 end of 2015, a dog was seen by the attending vet on 22 Feb 2016 because I has displayed distributes, pastly and anoresia for a week. Testment unknown and recovery. Seen again on 30 Mar 2016 because of a relapse: the dog displayed apathy and anoresia with elevated rear 12 rg/ll and elevated creating in (unknown value). On 31 Mar 2016, Witness Lepto test Positive. Ures: 3 glr. and creatinine: 32 mg/ll. Range values (ures: 0.14 -0.567 g/l. creatinine: 5-18 mg/l.). The dog has been hospitalised since: 31 Mar 2016 and treated with perfusion and doxycycline. It displayed nanemia and petechiae but these signs recovered. Serology an PCR leptospross pending. Follow up (11 Agr 2016): vaccination in Aug 2015 and PS 2015. The Consultation at the vet's clinic on 23 Feb 2016. Between 31 Mar 2016 and 08 Agr 2016, the dog of splayed malake, it fell and died. Serology and PCR leptospross disappeared. On 36 Agr 2016: the dog displayed malake, it fell and died. Serology and PCR leptosprosis disappeared. On 36 Agr 2016: the dog displayed malake, it fell and died. Serology and PCR leptosprosis pending. Follow up 107 7 Agr 2016]: reception of urina FCR negative and positive serology, Further serovars have been isolates: bratishay (dilution 3200), bim (dilution 3200) and mangus (dilution 6400). No more information recorder Case closed.	Yorkshire Terrier	1.85	NOBINZ (14 - N/A,N/A),N/A1 Dose; daration roce; onset time: 30 days (18/09/2015-N/A) BR>	O1 - Inconclusive	CA comments: NCA agrees with MAH: The role of NOBINAC L4 is assessed = (Bosshle) Follow-up 11/04/2016: the assessment remains unchanged. Tolkou-up 27/04/2016. considering the 3 identified serovars, no clear conclusion can be drawn. Therefore the role of NOBINAC L4 is re-assessed 01 (inconclusive)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00613	France	Animal	Canine/dog	15 Month(s)	07/04/2016	13/05/2016	1 :	1 1	11/04/2016	Yes, <b R> Yes</b 	Death,Lack of efficacy	No Data	SIEE: 4 days after annual booster with NOBINAC L4 and NOBINAC C19P1, a dog displayed hatenomrhagig gastnoetheritis, jaundice, hypothermian and cut renal insufficiency (fure and creativisin non mesurable), phosphore - 143 mg/l (range: 40-80mg/l). Attending vet suspected Leptosprosis. Tendement with antiblistic, perfusion and anti-emericum. Death after 4 days of intensive care. Same day as vaccination, dog treated with ADVICATE SOLUTION DOUR SPOT-ON POUR CHEM's (comomitant product), awaiting jedosprosion SPC. MM/l (Bayer) comment: information type changed form SIEE to Safety and VEODIA Telemonrhagig gastroenterials; acades, "hypertermia", Treat insufficiency and "hyperpolypothermia" added a coordance to Talandice, "hypertermia", Treat insufficiency and "hyperpolypothermia" added an acondance to "windows" as pivette size used on the dog is not known. Follow up (10-804) 2016): the leptosprosis SPCB is seeathe and be sound to promotion and committed to the dog is not known. Follow up (10-804) 2016): the leptosprosis	Crossbred	15	NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D	N - Unlikely	Awaiting for PCR results the role of NOBINAC. Ltd and NOBINAC. Ltd 10 NOBINAC. CHair also Sessed O (Indicasible)() the role of ADVICATE is assessed: N (Indiabely) [rollow-up ob/S/2016: 7.0000 comments for mis bayer, as ADVICATE is a concommitant product only, the information type was re-charge from "Staffer juse" to "Staff" and ADVICATE was deleted from the staffer of the staffer juse "staffer juse" and ADVICATE was deleted from the staffer juse "staffer juse" and ADVICATE was deleted from the staffer juse "staffer juse" and ADVICATE was deleted from the staffer juse of the staffer just and
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00615	France	Animal	Canine/dog	5.5 Year(s)	01/01/2016	25/04/2016	1	1 0	01/02/2016	Yes, <b R>BR> Yes, BR> Yes</b 	Polyarthritis, Weight loss, Respiratory discomfort, Thorack pain, Fatigue, Generalised weakness	No Data	About 3 weeks after vaccination (annual booster) with NOBINAC LE, NOBINAC KC and CANIGING CIPP in January, a dog dajoyed fatigue, weight loss is feal, advantism, lost of energy and a painful breathing, A polyarthrish has been diagnosed by the attending vet. ADN test was negative to cerebella ataxia. Teratement with consione. At the time of the report, the dog still displayed polyarthritis. No more information expected. Case closed. Reason for treatment: Vaccination	American Staffordshire ar Terrier	Not Known	CANIGEN CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D/A,D	O1 - Inconclusive	CA comments. NCA agrees with Intervet conclusion. Therefore, the foll of each of three vaccines is assessed OI (Inconclusive)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00664	France	Human	Human	Not Known	27/04/2016	10/05/2016	1	1	28/04/2016	Not Known	Injection site swelling, Increased skin sensitivity, Injection site reddening	Not Known	Human Exposure - symptomatic : accidental injection of an unknown dose of NOBIVAC L4 in one finge of the attending vet while she was vaccinating a dog. About 24 hours later, the attending vet displayed an important injection site swelling. Awaking for further information [P4 sheet]. Follow up (D5 May 2016): reception of an email of the attending vet. The swelling began to reduce on 30 Apr 2016 and the finger regained is rommal size on 30 May 2016. Persistence of a little reddening and slight increased skin sensitivity. Treatment with antibiotics. Awaiting for the PV sheet.	er Human d	Not Known	NOBIVAC L4 - "" 	A - Probable	CA comments: NCA agrees with MAH. The role of NNOBIVAC L4 is assessed A (probable) Follow up 05/05/2016: assessment unchanged.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00765	France	Animal	Canine/dog	2.5 Month(s)	18/05/2016	26/05/2016	1	1 0	18/05/2016		Injection site pain, Prostration, Pyrexia, Apathy	No Data	SAR: 2 hours after vaccination (first injections of priming) with Nebbacc LPPP and Nebbac L4, a dog displayed apathy, prostration, hyperthermia (59,8°C) and pain at the injection site. Treatment with decamethasone (Mr Oute), Temperature was 39°C 2 hours later. Treatment with meloxicam and buprenorphine. Complete recovery around 8 hours after vaccination. No more information expected. Case closed. Duration of reaction: 0 Day Reason for treatment: Prophylaxis Outcome of SAR: Favorable	Chihuahua	0.81	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 2 Hours (18/05/2016- N/A)-BR>-BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 2 Hours (18/05/2016-N/A)-BR>>BR>	B - Possible	CA comments: NCA agrees with the MHA.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00775	France	Animal	Canine/dog	Not Known	01/05/2016	27/05/2016	1	1 0	01/05/2016	Yes, <b R>BR> Yes, >CBR> BR> Yes</b 	Vomiting,Hypothermia,Apathy	No Data	SAR 3.30 minutes after vascrination with Nobivas CIPM, Nobivas CI and Nobivas Rage, a dog displayed apathy, nomiting and hypothemia, Incipition by I/O used or Ostionae. Rescovery within an hour. No more information expected. Case closed. Case linked to the case 2016-FR-00776 (same vet). Duration of reaction: 0 Day Reason for treatment: Prophylaxis Outcome of SAR: Favorable	d Coton de Tuléar	08-Oct	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; onset time: 30 Minutes (01/05/2016- N/A)-GRR-GR-NOBIVAC L4 - N/A,N/A,N/A N/A N/A 1 Dose; onset time: 30 Minutes (01/05/2016- N/A)-GRR-GR-NOBIVAC RAGE - N/A,N/A,N/A N/A 1 Dose; onset time: 30 Minutes (01/05/2016- N/A)-GRR-GR-GR-NOBIVAC RAGE - N/A,N/A,N/A N/A 1 Dose; onset time: 30 Minutes (01/05/2016- N/A)-GRR-GR-GR-M	B - Possible	CA comments: NCA agrees with the MMA.
	FRA-MERCKMSD-2016-FR-00776	France	Animal	Canine/dog	4 Year(s)	01/05/2016	27/05/2016	1	1 0	01/05/2016	Yes, <b R×BR> Yes, >BR> BR> Yes</b 	Shock, Hypotension		SSR 3.1 bour after vaccination with Nobbinc CHPR, Nobinc LC and Nobbinc Ragin, a dog displayed hypotension and a solot (no more practice details svaliable book the shock). Unknown treatment by another wet. Outcome unknown. No more information expected. Case closed. Case linked to the case 2016-FF-00775. (same vet). Reason for treatment: Prophylaxis	Jack Russell Terrier e	08-Oct	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; onset time: 1 Hour (0)/105/2016- N/A; GRR-GR-NOBIVAC L4 - N/A,N/A,N/A N/A,1 Dose; onset time: 1 Hour (01/05/2016- N/A; GRR-GR-NOBIVAC RAGE - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Sentinel-Vet assessment method (Vaccine:)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00865	France	Animal	Canine/dog	9 Year(s)	06/06/2016	17/06/2016	1	1 1	06/06/2016	Yes, <br R> Yes, >BR> BR> </br 	Vomiting,Polypnoea,Death,Apathy, Pancreatitis,Abnormal necropsy finding,NT - fibrinous peritoritis	No Data	SAN sectionation of a dog on 06 iun 2016 morning [10:00] with NOBIVAC CHEPI, NOBIVAC LI and NOBIVAC READ. ON Debt us after [11:00] it displayed shigh pathy. In the evening [10:00] with NOBIVAC READ. On NOBIVAC READ. On Supplement apathy, polymes and vomiting, Seen by the attending vet on 07 Jun 2016 morning 138.7 polymes, normal abdomerin (exclusion of stomach distantion with a relargaryshy). Treatment with decamethation (0.2 mg/kg, subcutaneous) and metoclopramide (0.25 mg/kg). The dog died on 07 Jun 2016 at 200 pm. Necropsy performed: hypertrophy of a purplish parriers, mesenteric suffusions and begin of peritonits. Diagnostic of acute pancreatitis. No more information espected. Case closed. Duration of reaction: 1 Day Reason for treatment: Vaccination Outcome of SAR: Unfavorable	Labrador Retriever	49	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: 1 Day; (06/06/2015) N/A)=RRBR-NOBIVAC L4 - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; (06/06/2016- N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; (06/06/2016-N/A)=RS-BR>	N - Unlikely	CA comments: NCA agrees with MAH. The role of NOBIVAC CHPI, NOBIVAC L4 and NOBIVAC RAGE is assessed N (write-by).

NOBIVAC L4	FRA-MERCKMSD-2016-FR-00879	France	Animal	Canine/dog	7 Year(s)	06/05/2016	28/06/2016	1	1 1	25/05/2016	R> Yes	Leucocytosis, Red blood cell disorder, Cardiac arrest, Pale mucous membrane, Gall bladder & bile duct disorder. Soll ble duct disorder NOS, Hepatitis, Respiratory arrest, Death, Anorresia, Appetite loss, Apathy, Pancreatitis, immune mediated haemolytic anaemia, Urinary tract beeding, Abnormal stool colouration, Elevated ALT, Elevated total blirubin, Alemolysis, Decreased haemoglobin, Decreased drinking.	No Data	Vaccination with NOBIVAC CHPPI and NOBIVAC L4 on 06 May 2016. On 25 May 2016, the dog displayed ancrexis. Seen by the attending vet on 27 May 2016, it displayed pale mucous membrane, haemolysis, decreased heemoglobin (39/00 ml - ange 12-18/00 ml). Ultrasonistic of superior of the SAMAU (semergency), transfusion. Death after 4 days. No necropy was performed. The SAMAU concluded to an innume mediated heemolytic anaemia, wasting for further findration for Vahery. If U.Z. Yau 2016): reception of the SAMAU report. 25 May: spaths, appetite loss until anorsicis, Red unine, decrease of dirisking, orange feces. 27 May: seen by attending vet: elevated AIT [143 U/L), elevated bilirubine (23.1 mg/L), aremia and leucvylosis. Treatment with Decadesion (dexamethisson Carbesia (midcoarbe), Duplamous LA (amosxiciline), Avantac (Randicine). 27 May: Emergency (SAMAU 31 May: abdominal ultrasonosis: sight office hepatitis, butch sight (localese) parcreatitis, bilateral adrenal nodules. Hepatic cytology: diffuse hepatitis, butch sight (localese) parcreatitis, bilateral adrenal nodules. Nepatic cytology: diffuse hepatitis, that charement with Ringer Latate, oxygenotherapy, Butorphanol and Doxycycline. Death on 0.1 un after a respiratory then a cardiorespiratory area. Conclusion of 35 MAU. I immune mediated helemolytic anemia, death	1.	Not Known	NOBIVAC CHPPI - N/A.N/A.N/A N/A.1 Dose; duration: once; onset time: 20 days (60%) 72016- N/A:688-488-NOBIVAC L4 N/A/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.Dose; duration: once; onset time: 20 days (65/05/2016-N/A):688-48R>	B - Possible	CA comments: NCA agrees with MAH conclusion. Follow-up on 17/05/2016: Assessment unchanged
NOBIVAC L4	FRA-MERCKMSD-2016-FR-00907	France	Animal	Canine/dog	4.5 Year(s)	01/06/2016	22/06/2016	1	1 0	01/06/2016		Eyelid oedema, Facial oedema, Localised oedema (not application site)	No Data	probably consecutive to a pulmonary thromboembolism. Awaiting for further information (PV sheet). Duration of reaction: 1 Week, Reson for treatment: Vaccination Outcome of \$48%: Infavorable SAR: about 30 minutes after vaccination with Nobivac DHPPI and Nobivac L4, a dog displayed oedem of the bridge of the nose and eyelids oedema. Treatment with Dexadreson (1 mg/kg) by IV route and recovery within 3 hours. No more information expected. Case closed. Duration of reaction: 0 Day Reason for treatment: Vaccination Outcome of \$AR: Favorable	a Other Canine/dog	5.2	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: once; onset time: 30 Minutes (01/06/2016- N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 30 Minutes (01/06/2016-N/A)-BR>-BR>	B - Possible	CA comments: NCA agrees with MAH. The role of Nobivac DHPPI and Nobivac L4 is assessed 8 (possible)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01027	France	Animal	Canine/dog	Not Known	01/01/2016	06/07/2016	2	2 2	01/01/2016	Not Known	Autoimmune disorder NOS,Death,General illness	Not Known	SAR: vaccination of two pupples with Nobiac L4. They fell II just after vaccination (no more precise information available about the time to onset) and died a few months after. Awaiting for further information [PV sheet]. Note: the owner email contained a rewopaper article which reported words from WSAVR association about the diagret to use Nobiex Let. These words have been denied by the association. Follow up (106 Jul 2016): new email from the owner. After vaccination, both or displayed auto immune disease and died. Cost of treatment; 4 000c. Awaiting for further information	Newfoundland	i Not Known	NOBIVAC L4 - N/A,N/A,N/A N/A,Unknown; onset time: just after vaccin. (01/01/2016- N/A) <	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with MAH. The role of NOBIVAC L4 is assessed O (unclassified).
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01110	France	Animal	Canine/dog	11 Year(s)	19/07/2016	30/08/2016	1	1 0	25/07/2016	Not Known, Not Known, 	Lack of efficacy	Not Known	IPV sheet. It is a superior of the superior of	Terrier	5.4	NOBIVAC CHP - N/A, N/A, N/A, 1 Dose; duration: once; onset time: 7 Days (19/07/2016- N/A)-BRBR-NOBIVAC L4 - N/A,N/A,N/A, N/A, 1 Dose; duration: once; onset time: 7 Days (19/07/2016- N/A-BRBR-NOBIVAC RAGE - N/A-N/A,N/A, N/A,1 Dose; duration: once; onset time: 7 Days	A - Probable	CA comments: NCA agrees with MAH. In absence of indomation about the exact vaccination protocol, the role of NOBINICA is assessed 20 (incontactive) Follow of NOBINICA is assessed 20 (incontactive) Follow of efficacy of NOBINICA LEA (probable) assessment. Noblace Tage and Nobivac CHP are N (initikely) assessed.
NOBIVAC L4	FRA-MERCXMSD-2016-FR-01118	France	Animal	Canine/dog	12	16/04/2016	06/08/2016	1	1 1	19/07/2016	No, <b R>BR> No, </b 	Death, Lack of efficacy	No Data	The dog received a second injection of NOBIVAC CHPPI (unknown presentation) on 16-April 2016. First injection on 13-Mar 2016. On 23-Jul-2016, the dog presented haemon'rabje disturbles and dield. Alwalinig for IV 2016 and results of the received pranoviorsis), Follow up (0.1 Aug 2016): reception of the PV sheet. Vascination of the dog on 19th EURICAN CHPPI and EURICAN L (First injection of priming for both workcries) of 19 Feb 2016. Re-vascination of the dog on 19th 2716 with NOBIVAC CHPPI and NOBIVAC L4. Second injection of priming with both workcries) of 19 Feb 2016. Revulation to 19th 2016 the dog to 19th 2016 the		32	Indimization Hulbers-BBS- BURICAN CHPPSI2- N/AM/AN/A M/A.1 Dose; duration: 1 Day; (19/02/2016- N/A)-BBS-BB-NOBINAC CHPPI- N/AN/AN/A M/A/1 Dose; duration: 1 Day; (19/02/2016-L4- NA)-BBS-BBS-NOBINAC L4- Day; (19/02/2016-L4- NA)-BBS-BBS-NOBINAC L4- Day; (16/04/2016-N/A)-BBS-BBS-	N - Unlikely	CA comments: NCA agrees with intervet conclusion. The role of all products is assessed N (unlikely) Follow- up 04/08/2016: Assessment unchanged
NOBIVAC L4	FRA-MERCKIMSD-2016-FR-01157	France	Animal	Canine/dog	9	03/08/2016	06/08/2016	2	1 1	03/08/2016	R> Yes,	Muscle stiffness,Opisthotonus,Falling,Deat h,Malaise,Anaphylactic-type reaction	No Data	experter. I have reloaded load minutes after vecication of 2 dogs with NOBIVAC CHPPI, NOBIVAC L4 and NOBIVAC RAGE, one of them displayed a mulaise and fell on the ground it. displayed a muscle stiffness and an opisthotonus then it died. The dogs was ingood health before vaccination. The attending wet tred to rearimate the dog without any success. The previous year, another dog of the same owner died in similar condition (see case 2016-FR-01159). No more information expected. Case closed.	Bulldog	29.7	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 10 min (30/86/2016- N/A)<8R>-3RS-NOBIVAC L4 N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 10 min (30/308/2016- N/A)<8RS-GRS-NOBIVAC RAGE - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 10 min (30/80/2016- N/A)<8RS-GRS-VOBIVAC RAGE - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 10 min 3/RS/P(16-NA)<8RS-GRS-	B - Possible	NCA agrees with MAS. Assessment B (possible) for all products
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01159	France	Animal	Canine/dog	9	01/08/2015	05/08/2016	3	1 1	01/08/2015	Yes, <b R×BR> Yes, BR> BR> Yes</b 	Found dead	No Data	DO morning: vaccination of 3 dags with NOBINAC LEPP, NOBINAC LET (first injection of prinsing) and NOBINAC REAR DIA morning; one of the dags found dead by the owner. No recryptoy performed. No other available information. Case closed. Case linked to the case 2016-FR-01157.	Bulldog	Not Known	NOBIVAC LIPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; 01/08/2015- N/A>BR-SER-NOBIVAC L4 - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; (01/08/2015- N/A)-BR-SER-NOBIVAC RAGE - N/A,N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (01/08/2015-N/A)-BR-SBR>	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with MAH. Assessment O
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01215	France	Animal	Canine/dog	2.5 Year(s)	10/08/2016	30/08/2016	1	1 0	11/08/2016	Not Known	Vomiting,Convulsion,Epilepsy	Not Known	On 13 Aug. 2016 the dig was succinated with NOBIN/CL 14 (inknown conditioning and product toil, 1 days after vaccination the dig showed convision. Waiting for the P-SHET. Follow-up on 25 Aug. 2016 - Added Information about brend, repro status, age, weight, health status prior to treatment. Changed Information about vaccination date and date of once of AE. The animal showed an epilepsy crisis during 2 minutes. The dog womited once immediately after the epilepsy and a second time 12 hours before. The dog recovered on 12 Aug. 2016. Assessment changed 100. No more information expected, the case is closed. Duration of reaction: 1 Day Reason for treatment: Vaccination	Not Applicable	12.3	NOBIVAC L4 - N/A,N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 24 Hours (10/08/2016- N/A) 	O - Unclassifiable/unassessa ble	CA comments: Waiting for more information, the case is 0 (unclassified) assessed. Follow-up 25/08/2016: assessment unchanged. Note : the Veddra term "epilepsy" was added.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01232	France	Animal	Canine/dog	10 Week(s)	01/07/2016	26/08/2016	2	1 1	01/07/2016	Not Known, BR >BR>BR>BR> Not Known	Excitation, Sudden death	Not Known	In a litter of dogs, 2 puppies were vaccinated with NOBIVAC CHPPI and NOBIVAC L4. 1 dog died suddenly 1 hour after vaccination without showing clinical signs except exclusionent. NOBIVAC L4PPI and NOBIVAC L4 were administered suparately. The vet also reported that he already experienced that same problem with the other 3 puppies of the litter who died some hours later with vaccination L4 from an other Lab (ZOETIS).Awaiting for PV SHEET.	Cavaller King Charles E Spaniel	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: once; onset time: 1 h (01/07/2016- N/A):BR>-BR>NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 1 h (01/07/2016- N/A):BR>-BR>	B - Possible	CA comments: NCA agrees with MAH assessment: B (possible).

NOBIVAC L4	FRA-MERCOMSD-2016-FR-01365	France	Animal	Canine/dog	3 Month(s)	10/09/2016	23/09/2016	1 2	1 0	10/09/2016	R×BR> Not Known, SBX>BR> Yes	Drooling.Hypersalivation.Jaw disorder,Seizue NOS,Urinary incontinence,Convulsive disorder NOS,Stiffness limb	No Data	Intervet description: On 10 Sep 2016 a dog [Spitz] received orally 1 dose of Milbemycine and Praziguantel. Few minutes later it received NOBINAC L6 on one side and a CHPPI vaccination on the opposite side. Approximately 1 minute after injections, the dog showed consulsion uting 10-15 seconds with loss of urine and salhav. The dog recovered immediately after. No more information is expected, case is closed. Merial description: As reported by the attending vel., Call, a 3-month-old female wolf Spitz pupp, 2 kg, in good condition, received EURICAN DAPP LYCPHILISAT ET SOLVANT POUR SUSPENSION INICIPATE (INICIPATE) and STATE STOLVANT OVIN SUSPENSION INICIPATE (INICIPATE) and STATE STOLVANT OVIN SUSPENSION INICIPATE (INICIPATE) and STATE STOLVANT OVIN SUSPENSION DAY CALL (MSO) damassiered at a different injection sit and received one balled NILEBANA COMPRIANES (unsubstantiated) aliministered orally. 2 minutes after vaccination, the Control of the Child State of th	Not Applicable	2	EURICAN DAPPI LYOPHILISAT ET SOLVANT FOUR SUSPENSION INHECTABLE - NA/NA/NA/NA/NA/L NDOSE; duration: 1 Day; (10/09/2016-NA/N-BS-G-BS-NA/NA/NA/NA) Dose; duration: 1 Day; (10/09/2016-NA/NA/NA/NA) Dose; duration: 1 Day; (10/09/2016-NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	B - Possible	CA comments: NCA agrees with intervet conclusion. The role of both vaccine is assessed 8 (possible) Time to oncet is poorly compatible with a role of MILBEMAX, the role of MILBEMAX is assessed N (unlikely) beyond reasonable doute. Follow-up 2,3/09/2016 (Merial conclusion): Assessment unchanged
	FRA-MERCKIMSO-2016-FR-01413	France	Animal		6 Year(s)	07/06/2016	18/11/2016	1 2	1 0	07/09/2016		Lack of efficacy		SLEE for Lepto On 07 Jun 2016 a 6 year-old dog (Slebrian Husky) received 1 dose of NOBINAC, L3 (unknown conditioning and for univerly. 1 that already the first dose on 06 May 2015. On 15 Jul 2016 received a treatment against cystifs (it had polyuris-polydipsia and dysuria). On 09 Aug 2016 it was visited again for a subcutaneous mass in the peri vulval area. On 24 Aug 2016 fred 60g showed a decreased appetite, polyuris-polydipsia, increased creatitine (24.5 mg/l), increased calcennia (123 mg/l), and It was treated with Amoucilian and clavulanic acid. On 07 Sep 2016 creatitine was still might [23 mg/l) and MAT for Leptospia resulted positive for Leptospia Increased calcennia (124 mg/l), and It was treated with Amoucilian and Islandian stream and propertion of the company of the Leptospia Australia AUI (80), Leptospia calculacia (AVI = 2021), Leptospia of prophyphoso GRIP (80), Leptospia Australia AUI 5 (30), Awaiting for other analysis results. Follow-up on 16 Nov 2016: phone call reminder with the attending ext. A boppy was done and apprilis diagnostic. Awaiting for the results. Follow-up on 17 Nov 2016: analysis results received. Serology done on 27 Sep 2016: MAT Itten unchanged. Indiver bloopy. Affilias hyphoplasmic interstital nephritis. No more information expected the case is closed. Reason for treatment: Vaccination	Siberian Husky		NOBINZC 14 - N/AN/AN/A/N/A1 Dose; dustains 1- Day; onset time 2: Months (07/06/2016-N/A) €R>	O1 - Inconclusive	CA comments: NCA agrees with MAH: The case is assessed OI (nonchusive) Follow up 16/11/2016: assessment unchanged.
	FRA-MERCKMSD-2016-FR-01484	France	Animal	Canine/dog		17/09/2016	06/10/2016	1 1	1 0		Yes, <b R>BR> Yes, <</b 	Injection site abscess/injection site mucopurulent discharge		On 17 Sep 2016 is 12 years-old dog received a dose of NOBIVAC CHPPP NOBIVAC RAGE = NOBIVAC IA by the attending vol. 07 Sep 2016 is the dogs showed an injection site abscess of 15 cm of damesters and it was operated to open and clean it. The liquid inside was mucopurulent. No more information expected, the case is closed. Resson for treatment: Vaccination			NOBINAC CHPPI - N/A N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 12 days (17/09/2012 to N/A) N/A-N/A,N/A, 1 Dose; duration: 1 Day; onset time: 12 days (17/09/2016 to N/A) N/A+BRGR-NOBINAC RAGE N/A+BRGR-VORDINAC RAGE N/A-N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 12 days (17/09/2016 to N/A)	B - Possible	CA comments: The time to onset and nature of the reported signs, as well as the anatomical connection with the site of injection, are strongly suggestive of the vaccines. As all three products were administered concomitantly, at son to possible to distinguish their respective effect. Therefore, the role of NOBIVAC INFPL NOBIVAC IA and NOBIVAC RAGE is assessed: B (Possible).
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01508	France	Animal	Canine/dog	10 Year(s)	10/09/2016	05/10/2016	1 1	1 1	18/09/2016		Diarrhoea, Yomiting, Renal failure, Death, Hyperthermia, Dehydr ation	No Data	On 10 Sep 2016 a Poodle received a vaccination with NOBIVAC CHPPI + NOBIVAC L1 + NOBIVAC EAC by the attending ver. The dog was under treatment for congestive heart failure with ENEFORTIN COMPRINE POUR CHIENS (2.5 mg/day). On 18 Sep 2016 the dog showed dehydration, renal failure, diarrhoea. hyperthemia, vomiting. The dog was perfued. The dog ided after 24 hours. On 23 Sep 2016 an autopsy was done. Liver and kidneys were analyzed for Leptospira PCR resulted negative. No more information expected, the case is closed. Duration of reaction: 2 days Reason for treatment: vaccination	Standard Poodle	4.65	NOBINAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,D/A,Dose,duration: 1 Day, onset time: 8 days (10/09/2016-N/A):eBr-SBR-NOBINAC L4 - N/A,N/A,N/A,N/A,Dose; duration: 1 Day; onset time: 8 days (10/09/2016-N/A):eBr-SBR-NOBINAC RAGE - N/A,N/A,N/A,N/A,Dose; duration: 1 Day; onset time: 8 days (10/09/2016-N/A):eBr-SBR-NOBINAC RAGE - N/A,N/A,N/A,D LOSE; duration: 1 Day; onset time: 8 days (10/09/2016-N/A):eBr-SBR-NOBINAC RAGE - N/A,N/A,N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A,N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A,N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A,N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A,N/A,DESPR-SBR-NOBINAC RAGE - N/A	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with MAH. The role of each product is assessed O (unclassified)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01520	France	Animal	Canine/dog	3.5 Month(s)	02/09/2016	06/10/2016	1 1	1 0	19/09/2016	Not Known	Vomiting,Uraemia,Fatigue,Elevated creatinine	Not Known	On 2 Sep 2016 a puppy of Labrador (1,5 months-oild) received one dose of NOBINAC L4 (unknown conditioning and unknown lot number) by the attending vert. In add received the first injection on 12 Aug 2016. On 19 Sep 2016 the dog showed vomitting and fatigue and it was visited by the vet. A sesrology was done, results postive for teptopirar. Liver and recreatine levels were increased. The vertex reported as a SAR and thought the presenting signs were caused by vaccination. The dog has been hospitally reflected the control of the dog and the vertex of the control of the dog and the vertex of the control of the dog and the vaccination of the vaccination of the vaccination of the vertex of the vaccination of the v	Labrador Retriever	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration 1 Day; (02/09/2016- N/A) - RR>- - RR>-	O - Unclassifiable/unassessa ble	CA comments: Given available information, no clear conculsion can be dawn. The role of NOBIVAC L4 is assessed O (unclassified)
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01533	France	Animal	Canine/dog	4 Year(s)	01/09/2015	19/10/2016	1 1	1 1	01/08/2016	Not Known	Death by euthanasia, Lack of efficacy	Not Known	On Sep 2015 a dog was vascinated with NOBINAC L4 furtherown conditioning and unknown for number in all 2015 the dog showed epitopologiss sign. Awaling the VP-sheet. Follow up on 10 CH 2016. PS Sheet received. The dog was a 4 years-old female of 5 kg. The dog showed renal failure and it was possible too Leptopologis may be text. The animal was enthumber darfur was even for the probability of the vascine. No more information and treatment). The vet suspects a lack of efficacy of the vascine. No more information expected, the case is closed. Reason for textment Vascination 2015.		5	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose ; (01/09/2015-N/A) 	O - Unclassifiable/unassessa ble	CA comments: The case is poorly documented. Given available information, the role of NOBIVAC L4 is assessed O (unclassified) Follow-up 17/30/2016: Assessment unchanged. Note: Veddra term "death" replaced by " death by euthanasia"
	FRA-MERCKMSD-2016-FR-01615	France	Animal	,,,,,	2.5 Month(s)	09/08/2016	17/10/2016	1 3	1 1	13/08/2016	Yes	Other immune system disorder NOS,Death,Anorexia	No Data	Vaccination of a dog with NOBIVAC L4 (first injection of primingl on 0.9 Aug.2016. On 13 Aug.2016, it started to displayed anorexia. Seen on 16 Aug by the attending vet who disprace eliptospicosis and death on 17 Aug.2016. The dog lived in a garden with a lot of field mice. The vet thinks that the vaccination induced, in the following days, a decrease of the general immunity capacity and thus that the dog was more vulnerable to any infection, and in this particular case to the legistopria bacteria. No more information expected. Case closed. Duration of reaction: 4 Days. Reason for treatment. Vaccination. Outcome of SRI. Inflavorable.	Golden Retriever	Not Known	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; onset time: 4 days (09/08/2016-N/A) 	ble	CA comments: Given available information, no clear conclusion can be drawn. The role of NOBIVAC L4 is assessed O (unclassified)
NOBIVAC L4	FRA-MERCIMSO-2016-FR-01633	France	Animal	Canine/dog	4 Month(s)	17/10/2016	20/01/2017	1 1	1 0	17/10/2016		Depenees.Cyanosis, Palin NOS, Shyothermia, Prostration, Anap hylactic: Crype reaction, Apathy, Taitigue, General illness, Groaning, Crying, Tar drycardia, Hypersallwation, Yomiting, Amaurosi s (see also PT Impaired vision), Meningitis	No Data	To (17 Or 2016, 1:15 am) is vaccination of a dog with Nobivac L4 and EURICAN CHP in 2 different yingser. To 1 - Sin in in the car, going back to home, the dog felt not well. At home, the dog displayed fatigue. To 1 3 hours : seen by another vet. The dog displayed apathy, prostration, several vomiting, It seemed to be painful but no pain at the injection site. It also displayed hypotherma (37 3°C), tachycarda (140 pulse/min), hypersalivation, cardiac murmur (still present before vaccination), slight dyprosea, cynonis, amarousis. Treatment with Decadreson (2.7 mls, subcardanos), a demaline (0.2 mls/gs L1), attopine, predinsiolone. To ± 2 hours: the dog seems to be in better health condition. Outcome unknown. No more information expected. Ease closed. Follow up (16 in an 2017): reception of a postal mail from the owner. When coming back home (the owner's house is 15 kms away from the veterinary office, 1 he dog displayed cryon, graning more and more important and hypersalivation. Because the condition of the dog deleteriors rapidly, the owner decided to go to an other vet clinic, the nearest. The dog has been hospitalized unding it days and during the vole first apply, the dog was not sure to 1sty alive. In the postal mail, the owner wrote that a meningitis post vaccination was the cause of this hospitalization. No more information expected. Case closed. Duration of reaction 4 days Reason for treatment: vaccination	King Charles Spaniel e e	4.3	EURICAN CHP - N/AN/A/N/A N/A.1 Dose; (17/10/2016) N/A;-BBF-4BR-NDBI/NC, L4 N/AN/A/N/A N/A/A,1 Dose; (17/10/2016-N/A)<-BBR-4BR>	B - Possible	CA comments: NCA agrees with Intervet's comments. The role of each xoccine is assessed gossible). Follow-up 15-IAN-2017: assessment unchanged (B-Possible for each vaccine)

NOBIVAC L4	FRA-MERCIONSD-2016-FR-01825	France	Animal	Canine/dog	8 Year(s)	07/11/2016	24/01/2017	3 3	1 13/11/201	> Not	Behavioural disorder NOS Neutrophilia, Bradycardia, Neur ological signs NOS, Opishotonus, Coma, Renal fallure, Death, Anorevia, Hypothemi a, Lethargy (see also Central a, Lethargy (see also Central "Neurological", Elevated ALT, Ahormal neuropsy finding, Hypoxia, Flaccid muscles, Hyponatremia	Not Known	On 07/11/2016, a dog (yr o Australian shepherd dog) vaccinated with NOBNAC CHPFI and NOBNAC IT wo hows after, the animal was also treated with BAWCCTO 1000Ms. On 13/11/2016 at 90.0 am, th animal displayed anorskia and behavioural changes. Then at 17:20 the general animar's health worsened: hypothermia, letharge, myotoria. Despite infusion and treatment with cefalexine, the animal became hypovolgista and consonates with bradyscadia and hypoxis. On 14/11/2016, the dog displayed central neurological disorders with opsis of the properties of the 1000 am. Blood analysis reseaded: elevated AT. (504 It), elevated remain parameters (yrus - 10.07 g) and 1000 analysis reseaded. elevated AT. (504 It), elevated remain parameters (yrus - 10.07 g) and 1000 analysis results done at hospitalisation centrophilia, hypoporateria, elevated transminase and renal faller (results not available). The dog was MOR 4-7. Availing for the post-mortem analyses results. Follow-up on 10 ac 2016: Phone call with the attending ext. Perf. for c (prosporatios resulted regalitive. No abnormal results from the necropsy. Necropsy amples sent to the analysis lab arrived in bad condition, no interpretable results. No more information espected, the case is closed follow-up on 12 an 2017: histopathology results received diffused congestion of spleen, liver, kidneys and lungs, with tubular necrosis and hemosidersis of relinal cortex and tobular hemorragine resorts of liver. No more information expected, the case is closed. Duration of reaction. Duration of reaction (Duration of reaction) curation of resultion. Duration of reaction (Duration of reaction).	e Shepherd Dog	27	BRAVECTO 1000 MG COMPRIMES A CROQUER POUR CHENS DE CRANDE TAULE D-20-0 KG) - DA KG) - NA,NA,NA,NA,NA,1 dose; conset time: 6 days (07/11/2016-NA)-8BR-8BR-NDBIVAC CHPPI-NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,NA,N	O- Unclassifiable/unassessa ble	CA comments: Time to onset is a bit long and clinical signs are poorly expected after vaccination with NORWAC CHP9 and NORWAC LOP and NORWAC LOP and Intervention with BRAVETO. As all three products were administered concentralingli, it is not possible to distinguish their respective effect. Moreover, necropy results are not vasiable at the time of assessment, thus an underlying cause cannot totally unded out. Therefore, there old no NORWAC CHP9, NORWAC Land BRAVETO is assessed: Our clinical side, 170 long and 121 ANI-2017; assessment unchanged: O-unclassified for the three products
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01837	France	Animal	Canine/dog	3 Month(s)	09/11/2016	21/11/2016	1 1	0 09/11/201	Yes, <b R> Yes</b 	Vomiting.Quincke's oedema	No Data	10 to 15 minutes after the vaccination (second injection of priming) with NOBIVAC CHPPI and NOBIVAC L4, a dog displayed a Quincke's oedema and a vomiting. Treatment with an injection of dexamethasone. Rapid recovery (within a few minutes). No more information expected. Case closed.	Miniature Pinscher	3	NOBIVAC CHPPI - N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 10 to 15 min (09/11/2016- N/A,N/A RP-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; onset time: 10 to 15 min-RB-vvetsde (09/11/2016- N/A) >BR>>	B - Possible	CA comments: NCA agrees with the MAH assessment: each vaccine is B (possible) assessed.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01842	France	Human	Human	28 Year(s)	17/11/2016	25/11/2016	1 1	0 18/11/201	Known,
 Not Known</br 	Eye Itching	Not Known	On 17 Nov 2016 aftermoon a vestriantian was preparing the syrings for vaccinate a dog with NOBIVAL CHPRI and NOBIVAC LG mixed in the same prigne. The needle was blocked, the vestionation sted to the air go out of the syringe and the vaccine went out of the syringe accidentally on the face of the vet. The vet was wearing glasses and just a part of the dose came in contact with her eyes. The vet washed her eyes with clean waster 15 minutes later, some hours later, when she came back home at evening, and the day after, 18 Nov 2016, she felt eyes liching. She was afraid about a reaction of her eyes to the Lepto vaccine. Awaiting for more information. Follow-up on 2 Nov 2016; Pv-Sheet received. Lot numbers added. Vaccine changed to EURICAN CHPPIZ. The vet recovered on 19 Nov 2016. No more information expected the case is closed.	et	Not Known	EURICAN CHPPI2 - "«GR>-GR>-NOBIVAC L4 - ""-GR>-SR>	B - Possible	CA. comments: NCA agrees with the MAH assessment. B (possible) for each vaccine.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01852	France	Animal	Canine/dog	2 Year(s)	18/11/2016	07/12/2016	1 1	0 18/11/201		Polyuria, Polydipsia, Hypersallvation, Reluctant to move	No Data	On 18 Nov 2016 at 18:00 a NewFoundland dog was vaccinated with N0BIVAC CHPIN + N0BIVAC L14 NOBIVAC R14 NOBIVAC L34 NOBIVAC R14 A watches mixed together subcutaneously (unknown conditioning and unknown to numbers for all 3 vaccines) and N0BIVAC KC intra-nasally some minutes later. The dog started showin hypersalivation mixed that place and the start of the 30 minutes. He dog stayed monitored during 30 minutes. At the end of the 30 minutes the dog was exceeded. The owners declared the dog was still having hypersalivation on 21 Nov 2016 and the dog was drinking a lot of water. A new vet visit was previewed. Awaiting for more information and a follow-up from the vall fer the check with. Follow-up on 28 Nov 2016. Physikin with white saliva and reluctance to move started 10 sections after N0BIANC KC vaccination and lasted 30 minutes after. Treatment with mid of Deadreson. Polyuria and polydipsia during the 2 following days. No more information expected the case is closed. Dustion of restorior 3 days. Reason for treatment: vaccination Treatment of SAP corticosteroids (DEXADRESON 3 mil) Outcome of SAP: Favorable	16 1- 1-	l 60	NOBINZ CIPPI - N/AN/AN/AN/A J/A/L Dose, duration = 3 Days, care- time: few minutes (18/11/2016- N/A-BN-BR-NOBINZ KC - N/AN/AN/AN/AN/AN/AN/AN-Dose, duration: 3 days, onset time: 0 seconds (18/11/2016- N/A-BN-BR-NOBINZ L4 - N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	B - Possible	Cacomments: NCA agrees with MM-I. The role of each vaccine is asseted 6 (possible) Update 28-NOV- 2016: conclusion unchanged: assessment 8 (possible) for the 4 vaccines
	FRA-MERCKKASD-2016-FR-01941	France	Animal	Canine/dog		03/12/2016	23/12/2016	2 2			Swollen joint_Hyperthermia_Anorexia_Tremb joint_Hyperthermia_Anorexia_Tremb jing_Lameness_Loint pain_Polyarthritis_Apathy		On 3 Dec 2016 a 3.5 months- oil American Staffordshire was vaccinated with NOBIVAC CH991 (unknown conditioning and unknown for number, SC0105 chosen arbitarily) motive with NOBIVAC L4 (unknown conditioning and unknown lot number, SC0105 chosen arbitarily) for the first time by the attending wet. On 40 ee 20.18 the dog showed hyperthermial g3-5°C, treemling and lameness of 12 gisvollen joint). The dog was treated on 5 Dec 2015 with perfusion, Toffedine, Marbocyl and Metacan A radiography was done and a bone Fracture excluded. On 50 Dec night the dog was pathic. Availing for more information. Follow-up on 13 Dec 2015 uggraded to serious: PV-Sheet received. Lot number added. 4 months-oil Staffordshire of 158, Con 14 Dec 2016 the dog showed hyperthermia (41°C, no injection site reaction, polyarithrisis and pain mostly on the carpal joint of both legs, anovexis. The dog was treated with perfusion. NSUIn, antibiotic and Metacann A second vet clinic was contracted and they suspected a reaction to vaccination just like the first declaring vet. On 10 Dec 2016 still a light tameness but recovering is more information expected, the case is closed. Resson for treatment: Vaccination Outcome of SAR: Favorable	Terrier		NOBINZ CHEPI- N/AN/A/N/A M/A.1 Dose; dartion: 1 Day; (03/12/2016- N/A)-RBN-BRS-NOBINZC L4 - N/AN/A/A/A/A/A/A/A - N/A.1 Dose; duration: 1 Day; (03/12/2016-N/A)-BR>-BR>	O1 - Inconclusive	Ca comments: Polyarthitis may be triggered by vaccination, however the hort time to onset make another cause more probable: 01 (inconclusive) assessment.
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01956	France	Animal	Canine/dog	7 Month(s)	28/11/2016	12/12/2016	1 1	1 29/11/201		Hypersalivation,Cloudy eye (for Miclosi, Mydriasi, Anlisocoria, Nystagmus - see 'Neurological'), Portacaval shunt,Central nervous system disorder NOS, Hypermetria, Death by euthanasia, Elevated bile acids, Hyperthermia, Weight loss, Bronchial secretion, Eyesight trouble, Dysphonia, Walking difficulty Annovexia	No Data	On 28 Nov 2016 a 7 months-old Vorkshire was vaccinated with NOBIVAC CRP + NOBIVAC Ld by the attending vet. On 29 Nov 2016 the doc showed hyperthemis (B.9 1°CI, nevous disorders: walking toudkes, hird legs hypermetria, dyspidnosi, view troubles, crystalline palescence and miosis; hypersalivation, bronchial secretion, anoreasi (weight loss: 200 gr). The vet had a suspicion of central nervous system trouble. The dog was treated with antibiotic and corticol. The dog was visited by wet on 6 Dec 2016 and it was hospitalized on 7 Dec 2016. The vet had suspicion of post-vaccine meningtis. No more information expected, the case is closed-follow-up on 9 Dec 2016: information received from the clinic hospital. Analysis results negative for meningtis. Presence of a porto-system shunt, elevated bile acids. The dog was exchanased on 8 Dec 2016. No more information expected, the case is closed. Duration of reaction: 9 Days Reason for treatment: Vaccination		1.1	NOBINAC CHP - N/A.N/A.N/A.N/A.1 Dose : duration: once; onset time: 1 day (28/11/2015- N/A.N/BR-BR-SR-NOBINAC L4 - N/A.N/A.N/A.N/A,1 Dose; duration: once; onset time: 1 day (28/11/2016- N/A)-BRBR>-	N - Unlikely	CA comments. NCA agrees with MAN: assessment N- Unillely
NOBIVAC L4	FRA-MERCKMSD-2016-FR-01961	France	Animal	Canine/dog	2 Month(s)	08/12/2016	21/12/2016	1 1	0 08/12/201	Yes, R> BR>Yes	Pale mucous membrane Loss of consciousness Uncontrolled micrution, Anaphylactic-type reaction, Bradycardia, Vagal Shock, Urine leakage, Limpness	No Data	About 2 minutes after vaccination with EURICAN CEP and NOBINAC L. a puppy displayed a vagal makine with loss of consciouses, page mucous membrane an uncontrolled micrution. The dop has just been stimulated by the attending vet. At the time of the report, the dog was recovering. Awalting for further information about he outcome. The case had also been reported to MERIAL by the vet (case FRA-USMERIAL-1678001406). As reported by the attending vet, Manga, 2 -month-old Male Boxer puppy received EURICAN CHP (BN: 1432551, ep. date: 30 NOV 2017) administered by DVM on 80 EC 2015. It shouts after vaccination, on 80 EC 2016, the animal experienced impones, unite leakage, pale mucous membranes, bradycardia and loss of consciousness for a few minutes. No further information was vasiable at the time of this report. Note: as a per Guidance on the use of VeDDRA terminology, the term anaphylaxis has been added (consistent signs and time to onset).	Boxer (German Boxer)	8.9	EUBICAN CHP-N/AN/A,N/A,N/A,1 Dose, duration: 1 Day, onset time: 15 minutes (08/12/2016- N/A)-RRBR-NOBIVAC L4 - N/AN/AN/A, N/A/I Dose; duration: 1 Day, onset time: 15 minutes (08/12/2016-N/A)-BR>-BR>	B - Possible	Ca comments. The Chronology of severts and signs are consistent with an anaphylotic shork. A consistent with an anaphylotic shork. A view vaccines were injected simultaneously, it is impossible to know which one was responsible of the adverse reaction. Thus, both products are assessed B-possible.

NORIVAC 14	FRA-MERCKMSD-2016-FR-	-02050 Fr	ance A	nimal	Canine/dog	4 Month(s)	20/12/2016	03/01/2017	1 1	0 21/12/20	L6 Yes. <	B Vomiting Anorexia. Hyperthermia. A	Other	On 20 Dec 2016 a 4 months-old Australian Shepherd was vaccinated with NOBIVAC CHPPI + NOBIVAC	Australian	11-Dec	NOBIVAC CHPPI - N/A.N/A.N/A	N - Unlikely	CA comments: NCA agrees with MAH. The role of
	FRA-MERCKMSD-2017-FR			nimal							R> <b< td=""><td>, bnormal test result, Haemorrhagic darrhoea</td><td></td><td>L4 + NOBINAC RAGE + VORBINAC KE Contension for numbers, conditionings chosen arbitrarily by the attending set, 60.71 Dec 2016 the ogle obviousle hatenomisting charines, hypothemia (193.1°C), anoresis, vormiting. On 23 Dec 2016 the dog resulted positive to Pavin Ragid test (PCR Pavin). The vehicle assignation about a Pavinovinsig flowing in the result (PCR Pavin). The vehicle assignation and a Pavinovinsig flowing in the result (PCR Pavin). The vehicle assignation of the Positive Contension of the Voltace (PCR Pavino). The vehicle assignation of the Voltace (PCR Pavino) and VORDINAC (L5 and NOBINAC CENTRE ASSIGNATION of the Voltace (PCR PAVINOSIAC) (L5 and NOBINAC CENTRE ASSIGNATION CENT</td><td>Shepherd Dog t t 3</td><td></td><td>N/A 1 Dose; duration: 1 Day; (20/12/2016- (20/12/2016- N/A)=BB>-GB>-NDBWAC K.C. N/A)=NANANANANANANA.1 Dose; duration: 1 Day; (20/12/2016- N/A)=BBGB>-NDBWAC L4- N/ANANANANANANA.1 Dose; duration: 1 Day; (20/12/2016-N/A)=BBGB>-NDBWAC L4- NANANANANANANANANANANANANANANANANANANA</td><td></td><td>NOBINAC CHPPI and of other vaccines is assessed N (unlikely) CA comments: NCA agrees with MAH. The case is</td></b<>	, bnormal test result, Haemorrhagic darrhoea		L4 + NOBINAC RAGE + VORBINAC KE Contension for numbers, conditionings chosen arbitrarily by the attending set, 60.71 Dec 2016 the ogle obviousle hatenomisting charines, hypothemia (193.1°C), anoresis, vormiting. On 23 Dec 2016 the dog resulted positive to Pavin Ragid test (PCR Pavin). The vehicle assignation about a Pavinovinsig flowing in the result (PCR Pavin). The vehicle assignation and a Pavinovinsig flowing in the result (PCR Pavin). The vehicle assignation of the Positive Contension of the Voltace (PCR Pavino). The vehicle assignation of the Voltace (PCR Pavino) and VORDINAC (L5 and NOBINAC CENTRE ASSIGNATION of the Voltace (PCR PAVINOSIAC) (L5 and NOBINAC CENTRE ASSIGNATION CENT	Shepherd Dog t t 3		N/A 1 Dose; duration: 1 Day; (20/12/2016- (20/12/2016- N/A)=BB>-GB>-NDBWAC K.C. N/A)=NANANANANANANA.1 Dose; duration: 1 Day; (20/12/2016- N/A)=BBGB>-NDBWAC L4- N/ANANANANANANA.1 Dose; duration: 1 Day; (20/12/2016-N/A)=BBGB>-NDBWAC L4- NANANANANANANANANANANANANANANANANANANA		NOBINAC CHPPI and of other vaccines is assessed N (unlikely) CA comments: NCA agrees with MAH. The case is
			A A	nimai	Canine/dog	10 Year(s)	01/06/2016	20/01/2017	1 1	0 24/12/20	lb No	Lack of efficacy		L4 in Oct 2015 (only one injection of priming = EUI), On Dec 24, the bitch displayed a leptosiprosis associated with following signs: ictense, annovea, weigh took, send and hepatic instructions: General size of the instructions of the control of	it e	Known	NOBINAL L3 - N/A/N/A/A, N/A.1 Dose; daration roce; onset time 6 months (01/06/2016-N/A) BR>	N - Unlikely	assessed N (unlikely) Follow-up 11-JAN-2017: assessment unchanged (N-Unlikely)
	FRA-MERCKMSD-2017-FR		A A	nimal	Canine/dog	3.5 Year(s)	04/08/2016	03/02/2017	1 1	0 01/01/20	Known, <bi> <br< td=""><td>Lack of efficacy</td><td></td><td>SLEE: primovaccination of a bitch with only one injection of NOBWACL 14 on 04 Aug 2016. On 01 Ian 2017, the bitch injective of let for common an injection and ICC during 4 above, neutrophilic eleucocytosis and renal insufficiency (urea: 1.45 ylf. range: < 0.5 ylf. restatine: 1.25 mg/l. range: < 1.85 mg/l. Pertuion and frestament with Oxoyal. On 05 Jan 2017, a new blood analysis revealed that renal parameters were normal and hepatic parameters were increased and exocutive of an hepatic insufficiency, according to the vet. Perfusion again during 2 days and after 2 days, recovery of the dock in Aprico parameters were normal and hepatic parameters were increased and exocutive of an hepatic insufficiency, according to the vet. Perfusion again during 2 days and after 2 days, recovery of the dock in Aprico parameters were increased and exocutive of an Aprico parameter with a blood sample of the first day (0.1 Jan 2016): Australia 1/400, Australias 1/400, Canicolas 1/200, Capicolas 1/200, Serple 1/200. Australia 1/400, Canicolas 1/200, Capicolas 1/200, Serple 1/200. Australias 1/400, Canicolas 1/200, Canicolas 1/200, Canicolas 1/200 and eripopophypotas 1/100. Australias for further information (confirmation of lot number). Duration of reaction: 6 Day</td><td>Terrier</td><td></td><td>N/A, 1 Dose; duration: once; (04/08/2016-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/08/2018-04/08/2018-04/08/2018-04/08/08-04/08/08/08-04/08/08-04/08/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-</td><td>N - Unlikely</td><td>CA comments: Vaccination protocol with NGBWAC La On respected for a cornect immunization against leptospirosis (I njection only). Nobwac CHPPI does not protect against Repositoris: Thu, seasement N- Unlikely for both products. Follow-up 25-JAN-2017: NAC agrees with Marl and consequently the assessment is unchanged (N-Unlikely).</td></br<></bi>	Lack of efficacy		SLEE: primovaccination of a bitch with only one injection of NOBWACL 14 on 04 Aug 2016. On 01 Ian 2017, the bitch injective of let for common an injection and ICC during 4 above, neutrophilic eleucocytosis and renal insufficiency (urea: 1.45 ylf. range: < 0.5 ylf. restatine: 1.25 mg/l. range: < 1.85 mg/l. Pertuion and frestament with Oxoyal. On 05 Jan 2017, a new blood analysis revealed that renal parameters were normal and hepatic parameters were increased and exocutive of an hepatic insufficiency, according to the vet. Perfusion again during 2 days and after 2 days, recovery of the dock in Aprico parameters were normal and hepatic parameters were increased and exocutive of an hepatic insufficiency, according to the vet. Perfusion again during 2 days and after 2 days, recovery of the dock in Aprico parameters were increased and exocutive of an Aprico parameter with a blood sample of the first day (0.1 Jan 2016): Australia 1/400, Australias 1/400, Canicolas 1/200, Capicolas 1/200, Serple 1/200. Australia 1/400, Canicolas 1/200, Capicolas 1/200, Serple 1/200. Australias 1/400, Canicolas 1/200, Canicolas 1/200, Canicolas 1/200 and eripopophypotas 1/100. Australias for further information (confirmation of lot number). Duration of reaction: 6 Day	Terrier		N/A, 1 Dose; duration: once; (04/08/2016-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/2018-04/08/08/2018-04/08/2018-04/08/2018-04/08/08-04/08/08/08-04/08/08-04/08/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-04/08-	N - Unlikely	CA comments: Vaccination protocol with NGBWAC La On respected for a cornect immunization against leptospirosis (I njection only). Nobwac CHPPI does not protect against Repositoris: Thu, seasement N- Unlikely for both products. Follow-up 25-JAN-2017: NAC agrees with Marl and consequently the assessment is unchanged (N-Unlikely).
NOBIVAC L4	FRA-MERCKMSD-2017-FR-	:-00082 Fr	ance A	nimal	Canine/dog	3 Month(s)	05/01/2017	03/02/2017	1 1	0 05/01/20	17 Yes, < R> Ye	B Bradycardia,Pale mucous imembrane,Hypotension,Haemorrh agic diarrhoea,Vomiting.Hypothermia,Fa cial oedema,Anaphylactic-type reaction,Breathing difficulty	No Data	On 51 an 2017 a 3 months- old Chihuahua was vaccinated with NOBINAC CHPP1 + NOBINAC L by the attending vet. 5 minutes latter the dog showed vonting, bradyarda, hypothermia (5°C) and respiratory difficulties. The dog showed 1 hour after hejection heamornhagic diarrhoea, facial oedem An injection of corticol was given and 1 hour latter the dog recovered. Awalting more information, Follow-up on 26 Jan 2017; PV-Sheet received. Time to onset of reaction: 10 minutes. Duration: 1.5 hours. 10 minutes after vaccination, the dog showed also hypotension and pale microus. The dog received an injection of Rapideson (corticoll). No more information expected, the case is closed. Duration of reaction: 5 hour. Resolo for treatment: vaccination	Chihuahua	1.25	NOBINAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: once; onset time: 10 min (05/01/2017- N/A) NOBINAC L4 - N/A,N/A,N/A,1 Dose; duration: once; onset time: 10 min (05/01/2017-N/A) >BR>	B - Possible	CA comments: NCA agrees with MAH: assessment B- Possible for both products. Follow-up 26/01/2017: Unchanged assessment
NOBIVAC L4				nimal	Canine/dog	17 Month(s)	12/01/2017	13/06/2017	1 1	0 12/01/20	R> Ye	B Haemorrhagic diarrhoea,Vomiting,Anaphylaxis,Ele vated ALT,Hypothermia,Fatigue,Anorexia	No Data	On 12 Jan 2017 a Yorkshire dog was vaccinated with NOBIVAC 14 - CANICEN CHPP (Lurknown lot number) by the attending vet. The dog jowed, less than 12 Jours later (unknown exact time to onset), comiting, haemorhags (Garrhoea, anoresis, hypothermia (377-2) and fatigue. The dog was hospitalized, perfixed and treated with Metrobactin, Loperadie, Cerenia. Awaling more information Follow-up on 72 Jan 2017- PV-Sheet received from the attending vet. The dog showed signs 9 hours after injection (on 13 an 2017) during 2 days. AlT was slightly augmented. The dog recovered after 2 days. No more information expected, the case is closed. Duration of reaction. Duration of reaction forection 12 days Reason for treatment vaccination.	Yorkshire Terrier n.		CANIGEN CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: once; onset time: 9 hours (12/01/2017- N/A) -CBR>NOBIVAC L4 - N/A,N/A,N/A 1 Dose; duration: once; onset time: 9 hours (12/01/2017-N/A) >BR>	B - Possible	CA comments: NCA agrees with Intervet's Conclusion. The role of each vaccine is assessed B (possible) Follow-up 27/01/2017: Unchanged assessment
	FRA-MERCKMSO-2017-FR			nimal		18 Month(s)	04/11/2016	20/02/2017	1 1	0 04/11/20	R>GR>GR>Ye GBR>GBR>GBR> BR>GBR>Yes	Quincke's oedema	No Data	Case declared at the same time of case 2017-FR-00376. The vet don't remember very well the details as it happened in 2016 (Jease 2016-FR-003876). One doy accinisated (booster injection) with NOBINAC. CHPPI - NOBINAC L4 + NOBINAC RAGE (unknown to trumbers) showed 2 hours after the injection a Quinck's cleams. Treated with a control, it recovered. Availing more information. Follow-up on Feb 2017. PV-Sheet received from the attending vet. 18 months old male Shih Tax of 6.7 kg of weight was vaccinated on No 2018. Valid product tor number added for NOBINAC RAGE. The dog showed reaction 35 minutes after injection. Dog recovered with the control of exattenic floid-Medical 2018/gl 2 hours later. No more information expected, the case is closed. Duration of reaction: Duration of reaction (precision); 0 Day Reason for treatment: vaccination	8	6.7	NOBINAC CHPPI-N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	B - Possible	CA comments: NCA agrees with MAH: the role of each vaccine is assessed 8 (possible)
	FRA-MERCKMSD-2017-FR		ance A	nimal	Canine/dog	5 Year(s)	24/09/2016	20/02/2017	1 1	0 24/09/20	R> Ye BR> Yes	c for most applicable oedema)	No Data	On 24 Sep 2016 a 5 years-old neutrend female shifts into of 10 kg of weight was succinated with NOBMICA CRIP AND CANDEL CL (girknown to rumbers, SXDIS Chosen arbitrarily) by the attending vet. 10 minutes after injection, the dog showed Quincke oedema and lego cedema. The dog recovered completely with a Deacheson treatment after 2 hours. Linked to case 2017;FR.00156 No more information expected, the case is closed. Duration of reaction: Duration of reaction (precision): 0 Day Reason for treatment: vaccination	Not Applicabl	≥ 10	NOBINAC CHPPI-N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	B - Possible	CA comments: NCA agrees with MAH: The role of each vaccine is assessed B (possible)
NOBIVAC L4	FRA-MERCKMSD-2017-FR-	-00223 Fr	ance A	nimal	Canine/dog	12 Week(s)	23/01/2017	03/03/2017	1 1	0 23/01/20	17 Not Known, <bi >BR>BR>BR Yes, BR> R>BR>No Known</bi 	Anaphylaxis, Swollen lip (see also Skin'), Respiratory signs	No Data	Vaccination of a Shit Tru dog with VERSICAN PLUS LAS SUSPENSION INIGETABLE POUR CHEM'S (unknown wether CHPPI was associated) on 22 Dec 2016 (first injection of priming) and with NOBINAC Lin Polar Author (1997) and NOBINAC Lin or 33 Jan 2017. Within one hour after vaccination with NOBINAC CHPPI and NOBINAC Lin Polar (1997) and the properties of escription available). Seen by the set in consultation (we don't know how long after; the dog had swollen lip but no other troubles and no dysprose were present. Treatment with Desadeson (0.1 m/kg) and progressive recovery. On the evening the dog totally recovered. No trace of insect bling, washing further findmation (1997) and the control of the c	Shih Tzu		NOBINUK CHIPPI - NI,ANIA,NIA M/A.1 Dose; duration: 1 Day; (23/01/2017- N/A:GRE-GRE-NOBINUK L.4 - N/A:GRE-GRE-NOBINUK L.5 - 1 Day; (23/01/2017- NI)-GRE-GRE-NERSICAN PLUS L4 SUSPENSION INJECTABLE POUR CHIENS - NI,ANIA,NIA, MI,ANIA MIA-GRE-GRE-NOBINUM-SENERICAN PLUS L4 SUSPENSION INJECTABLE POUR CHIENS - NI,ANIA,NIA, MI,ANIA, MI,ANIA, MI,ANIA,GRE-GRE-NERS	B - Possible	A comments: NCA agrees with intervet conclusion, the role of NOBIVAC CHPPI and NOBIVAC Li is assessed (possible) time to onest is not compatible with a role in an anaphylaxis due to VERSICAN PLUS 12, therefore its role is assessed it (patility) Follow- up 28/02/2017: Unchanged assessment

		1-											L		T				Ta
NOBIVAC L4	RA-MERCINASO-2017-R-00241	France	Animal	Canine/dog	2.5 Month(s)	03/02/2017	27/03/2017		1 0	09/02/2017	Not Not Not Not Nov Nov Nov Nov Not Not Not Not Nov Not Nov	Joint gain. Lameness. Dicessed supplies Hyperforms. Lambra papetites Hyperforms. Lambra pain, Natuculoskeletal pain, Vend limb pain Albuculoskeletal pain, Vend limb pain Albuculoskelet		Vaccination of a dear with NOBINAC L4 on ND Feb 2017. Two days lates, the day began to be less active than usual. Owner, called the vet on 06 eig 2017 Recause the ope vale intalange, seeh by the vetter day after, the day of the control of the con	Shepherd Dog	9.1	NOBINAC CHP - N/A,N/A,N/A,N/A,N/A,N/A,DAS-conset time: 6 days (N/A) = Dose conset time: 6 days (N/A) = Dose conset time: 6 days (N/A) = RN-AB-NOBINAC L4 - N/A,N/A,N/A,N/A,Dose; duration: 10 ayo, onest time 6 days (03/02/2017-N/A)=BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	B - Possible	Comments: NCA agrees with MAH: The role of each vaccine is assessed 8 (possible) rolllow-up 17/03/2017 - unchanged assessment
								7 1	1 0		Known,
 Not Known</br 		Not Known	displayed apathy and regenerative anemia. Treatment with corticoid Ir Imylegi, Seen again on 10 Feb 2016, condition of the dog was improving. Seen a second time on 11 Mar 2016; ; it receivered. The corticoid treatment was stopped two weeks later. Awaiting further information (PV sheet). Case linker to the case 2017-FR-00271 (similar reaction one year after). Follow up 10 Feb 2017): reception of the PV sheek. No new information. No more information expected. Case closed. Duration of reaction: Duration of reaction (precision): 5 Week. Reason for treatment: vaccination	d e	3	Dose; duration: 1 Day; onset time: 5 weeks (29/12/2015- N/A) <nobivac -<br="" l4="">N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; onset time: 5 weeks (29/12/2015-N/A) >BR></nobivac>	O - Unclassifiable/unassessa ble	Unclassified for both vaccines
	FRA-MERCIMISO-2017-FR-00271	France	Animal	Canine/dog		28/12/2016	09/03/2017	7 1	1 0	08/02/2017	Known, BR >>BR>CBR>CBR> Not Known	Haemolyfic anaemia, Regenerative anaemia, Lehray (ree also Central nervous system depression in "Neurological"), Thrombocytopenia	l Known	Vaccination of a Chihuahua with Nobiwac CHP and Nobiwac L4 on 25 Dec 2015. On 08 Feb 2017, the dog was not well, ridisplayed lehtargy, regenerative nemia and thrombotychopens. Further ticks diseases tests have been performed [Lyme, Ehrlichois and babesiosis) and were negative. Coomb's test pending, Treatment with corticold Ucotrone unknown at the time of the report. Awalting further information [PV] sheet]. Case linked to the case 2017-FR-00242 (binillar reaction of the same dog one year before). Follow µ10 De 26 2017, reception of the PV sheet. The dog displayed a hatemolytic and regenerative anemia which responds to corticolds. The dog recovered (date of recovery unknown). Treatment with On-Medicol 4 rgs, Awalting further information. Follow µ10 Dit 2017; reception of an email from the attending vet. Coomb's test was regative. On £10 Mar 2017, the dog was still under corticold treatment but with veyl level does and according to the vet results of bloodwords aboved that this goes in the right direction. No more information expected. Case closed Duration of reaction. Duration of reaction (precision): 13 Bay Resson for treatment: vaccination	Chihuahua	3	NOBINAC CHP - NAN/A/N/A/N/A. Dose, duration 1 bay (281/27)016 N/A:BRS-GR-NOBINAC L4 NA/A/N/A/N A/A/A/A LO see, duration: 1 Day, (28/12/2016 N/A)-BRS-GRS-		CA comments: Immune mediated reaction have already been reported after vaccination but generally occur within the month following rejection. Time to once its a bit long follow for such hypothesis. However, the dog was vaccinated with the same vaccines the previous year and similar adverse event was reported 5 weeks after vaccination. It is known that dogs with immune-mediated bemolytic amenia (blood) (idiopaths or vaccine induced) may be predigiously didopaths or vaccine induced) may be predigiously didopaths or vaccine induced image by the predigiously discount of the predigiously discoun
	FRA-MERCKMSD-2017-FR-00275		Animal			28/09/2016		7 1	1 0		R>CBR>CBR>Yes, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	Lack of efficacy (parvovirus)	No Data	SLEE on 28 Sep 2016 a Bernese mountain dog of 23 kg of weight, born on 74 kun 2016 was vaccinated with NGBIVAC CHEP INDICES > NGBIVAC L 15 MIZES by the Attending Ver for the first time (ELLI-treatment protocol not respected). On 08 Feb 2017 the dog was showing gastro-enterities with hemornhagic dismines, womiting and a SNMF lest (IRVIVA) perculated postive for Parovivus. The dog was hospitalited, treated and recovered after 5 days. The dog had been vaccinated in another vert clini with versican CHPP lot number 05032220, epp. date to 04 C2 2017 y Versican (I of number 7362220), epp. date to 04 C2 2017 from Zhelis. Availating for more information (rankylas results), Follow The dog had been vaccinated with Versican CHPP and Versican A to n 25 Ag 2017. These products have been added in the product screen. Availating for more information (analysis results). Reason for treatment: vaccination	Mountain Dog		NOBINAC CHPPI - N/AN/AN/A N/A). Dose, duration: 1 Day; (28/09/2016- N/A)-RBSBR-NOBINAC L4 - N/AN/AN/A N/A; 1 Dose; duration: 1 Day; (28/09/2016- N/A/RBGB-VERSICAN PLUS CHPPI/A; 1 YOPHILISAT ET SOUVANT POUB SUSPENSON INECTABLE POUB CHEMS - N/AN/AN/A; 1 Dose; duration: 1 Tay; (25/08/2016- N/A)-RBSBR>	N - Unlikely	Ck.commerts: NCA agrees with MAH: both injections of primo-vaccination were different. Thus, assessment N-Unlikely for the three products
	FRA-MERCKMSD-2017-FR-00276	France	Animal	Canine/dog		15/02/2017		7 1	1 0		R> Yes, < BR> Yes	Facial Oedema	No Data	Within one hour after vaccination of a dog with NDBIVAC CHPPI, NDBIVAC L4 and NDBIVAC RAGE, a dog displayed a flad nederal. Treatment with corticol by I'v Orusel and recovery within 24 hours. More information expected. Case closed. Duration of reaction: Duration of reaction (precision): 1 Day Reason for treatment: VACCINATION Outcome of SAR: Favorable	0	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 1 hour (15/02/2017- N/A) <br-br-nobivac -<br="" l4="">N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 1 hour 15/02/2017- N/A,HBR-BR-NOBIVAC RAGE - N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 1 hour 1 Day; onset time: 1 hour</br-br-nobivac>		CA comments: NCA agrees with MAH. The role of each vaccine is assessed B (possible)
NOBIVAC L4	FRA-MERCKMSD-2017-FR-00324	France	Animal	Canine/dog	3 Year(s)	24/02/2017	07/03/2017	1	1 0	24/02/2017	Yes, Fes	Haemolytic anaemia, Lethargy (see also Central nervous system depression in "Neurological"), Vomiting	No Data	A 3 year-oid dag with no specific medical history has been vaccinated on JA Feb 2017 with CANIGEN CHEPFI and NBBIANC. L.The previous years, the dolp has been vaccinately early with Canignon (FEPVI) on 24 Feb 1 night. The dog started vomiting and feeling peaky. The dog state continued to degrade until 27 Feb 2017 when a veterinary noted severe hemolytic anemia associated with hemogobinat 4 g/100 ml and normal billrubin. On 28 Feb 2017, the dog state continued to degrade and the veterinary administered Dearmethasone and Carbesia (probabilistic approach) while performing PCRs. PCR for Hemobartonellosis and Babesiosis came back negative. On an unknown date, the dog responded to double dose continosteroids. He was recovering at the time of report. No more information expected. Case closed. Duration of reaction: Duration of reaction (precision): 1 Week. Reason for treatment: vaccination Dutomen 5 548. Favoration	Bichon Frise	Not Known		B - Possible	CA comments: Time to onset its consistent with vaccination, Nomiting and lethrage are well-known adverse effect reported after vaccination. Immune mediated haenohylic amenial following vaccination is not clearly described in casts. Despite time link with product's administration, this sign remain unsepacted and other causes are plausible. Thus, both vaccines are B-Possible assessed.

NOBIVAC L4	FRA-MERCKMSD-2017-FR-00328	France	Animal	Canine/dog	3.5 Year(s)	27/02/2017	29/04/2017	1 1	1 0	28/02/2017 08/02/2017	Yes_GR>CBR>CB R>BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR	Anorexia, Elevated ALT, General illness, Vomitting, Elevated lipase	No Data	A 2.5-year-old female dog with no medical history (no overweight, no abdominal trauma, no concomilant treatment) was treated with NOBINCE LA, NOBINCE CEPPI and NOBINCE Roge on 27 Feb 2017. On 28 Feb 2017, the dog experienced general state alteration. On 01 Mar 2017, the dog vast entered to early the contract of the service of the contract of the co	Bichon Frise	3.35	NOBINVAC CHPPI - N/AN/AN/AN/A M/AL Toose (unition: 1 Day; (27/02/2017- N/A-NBP-ABR-NOBINAC L4 - N/A-N/AN/AN/AN/AL Toose; Gradient of the company of the company of the company N/AN/AN/AN/AN/AN/AL Toose; (27/02/2017-N/A)-GBR>-GBR>- NOBINVAC CHPPI - N/AN/AN/AN	B - Possible	CA comments: General state alteration the day after vaccination, ancreas and sometimes vorniting are adverse effects of vaccines reported. However, elevated ALT and ligas are more unexpected. Her and pancreas disorders have been ruled out. Thus, NCA agrees with Matt. the 3 vaccines are B-Possible assessed. Follow-up 11.4PR-2017: assessment unchanged (B-Possible)
											R×BR×BR>Yes			because the vaccinated dog began to display a Guincke's oedema. The dog came back to the vet clinic and it was treated with Soulmedfold by Tovote. Rapidly within 1.5 hours to 2 hours the dog felt better and the next morning the dog that dotally recovered. The attending vet prescribed an antihistaminic teatment. No more information expected. Case closed. Duration of reaction. (precision): 1 Day Reason for treatment: Vaccination Outcome of SAR: Favorable	r		,N/A,1 Dose; duration: 1 Day; onset time: 2 hours (08/02/2017- N/A/BR> NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; onset time: 2 hours (08/02/2017-N/A) 		Possible for both vaccines
	FRA-MERCKMSD-2017-FR-00346	France	Animal	Canine/dog		27/02/2017	15/03/2017	1 1	1 0		Not Known, BR >BR>BR>BR>BR>Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>Yes	Hind limb paralysis, Diarrhoea, Hyperthermia	No Data	Suspected Adverse Reaction(in 27 Feb 2017 morning a 4 years-old male chocolate Labrador was vaccinated with NORINAC CHEP® (boostic injection) + 100011/CL of lifest time) (intownown to rumbers) by the attending vet. On 27 Feb 2017 aftermoon the owner gave to the dog 1 tables of BRANECTO 1000MG (unknown to rumber). On 27 Feb 2017 evening the dog showed distriction, hyperthermia (38.5°C) and find leg stemporary paralysis. The vet treated the dog with an injection of corticold on 2 Feb 2017 morning. The dog hash history of allergic demattis. Awaiting more information and outcome Reason for treatment: vaccination and flea/lick control	a.	Not Known	BRANETO 1000 MC COMPRIMES A COCQUER POUR CHIEN SDE GRANDE TAILLE P. 20-40 KG; N/A.N/A.N/A. N/A. Tabets; duration: 1 Day; (27/02/2017-N/A)-8B8-SBR-NOBINAC CHPPI-N/A.N/A.N/A. N/A. Tobe; duration: 1 Day; (27/02/2017-N/A)-8BR-NOBINAC L1 Day; (27/02/2017-N/A)-8BR-SBR-NOBINAC L1 DAY; (27/	B - Possible	CA comments: NCA agrees with MAH's comments and assessments. The 3 products are B-Possible assessed
	FRA-MERCKMSD-2017-FR-00379	France	Animal	Canine/dog	6 Year(s)	02/03/2017	07/04/2017	1 1	1 0	12/03/2017	Yeş, GR>-GR>-GR	Abnormal test result-panceatitis, Elevated ALT, Abnormal ultrasound finding Pale mucous membrane, Vomiting, Anorexia, Lack of efficacy	No Data	SAM / SLEE for Lepton First Injection with NOBINVCL (a not Deta 2017; 0 not 9 Mar 2017 a 6 years-old neutreed female down savccinated with NOBINVCL (a log note injection) by the attending vet. on 12 Mar 2017 the dog started showing womiting, annorsia and pale mucous membranes. A blood sampling was often on 13 Mar 2017; elevered AP and ALT were found. User echography (sone on 14 Mar 2017) showed "Leptospirosis like lesions" (no echography report available, Information given by the vet assistant, Temperature was normal. The dog was put under perfusion on 13 Mar 2017. The vet assistant freeperature was normal. The dog was put under perfusion on 13 Mar 2017. The vet assistant made supposed to the start of the vet assistant freeperature was normal. The dog was put under perfusion on 25 Mar 2017. The vet assistant that suspcion of Leptospirosis feature light for the PV-Sheet Follow-up on 12 Mar 2017; PV-Sheet Tecelved. Chinahara of 2-3ag, PCRL lepto was negative on 22 Mar 2017; PV-Sheet Tecelved. Chinahara of 2-3ag, PCRL lepto was negative on 22 Mar 2017; PV-Sheet Sheet Sheet Sheet Council of the Council of Participation of Participa	Chihuahua e e	2.5	CANIGER CHPPI - N/AN/AN/AN/A N/A). Dose duration conce, oneset time: 10 days (02/03/2017 - N/A-BR-C-BR-NOBINIC. La - N/A-N/AN/A, N/A). Dose; duration: once, onset time: 10 days (02/03/2017-N/A)-GBR-GBR-	O - Unclassifiable/unassessable	Ca comments: Clinical signs are compatible with legislopiors and nitro to ones! to so long for a post-vaccinal reaction. However, diagnosis of leptospirosis of their content of the content of the properties of the properties of the properties on LEE of both vaccines. Pending complementary results, both vaccines are O-Unclassified assessed Follow-up 20/00/2017. The analysis results signed as possible parameterist which is poorly compatible with an effect of the fine of the properties of the properties of properties of the propert
NOBIVAC L4	FRA-MERCKMSD-2017-FR-00413	France	Animal	Canine/dog	8 Week(s)	31/01/2017	05/04/2017	6 4	4 3	13/02/2017	Yes	Death by euthanasia,Death,Lack of efficacy	No Data	SLEE : In a hiusky dog breeding center, six 8 weeks-old puppies were vaccinated on unknown date (Teb 2017 chosen arkitrarily) with NOBIVAC I.4 (unknown lof number) by the attending vet. Before the bootset injection, on 13 Feb 2017 1 puppi was hospitalized and on 14 Feb 2017 1 years and the specific properties of the	Siberian Husky	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; (31/01/2017- N/A) -BR>-BR>	N - Unlikely	CA comments: NCA agrees with MAH. The case is assessed: N (unlikely)
NOBIVAC L4	FRA-MERCKMSD-2017-FR-00915	France	Animal	Canine/dog	Not Known	01/06/2017	07/06/2017	1 1	1 0	01/06/2017	Yes, <b R> Yes, < BR> Yes</b 	Facial oedema	No Data	SAR: on DJ Jun 2017 approx a puppy received the booster injection of a primovaccination with NORWINC. CHIPP I NORWINC LE 14 NORWING ARGED by the targing vet. The puppy immediately showed of a face odema and it was treated with corticoid. The dog recovered completely. Available for more information. Duration of reaction: Duration of reaction (precision): O Bay Reason for treatment: vaccination	Not Applicable	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; 01/06/2017- N/A+BR-4BR-NOBIVAC L4 - N/A,N/A,N/A,A/A,1 Dose; (01/06/2017- N/A+BR-4BR-NOBIVAC RAGE - N/A,N/A,N/A,1 Dose; duration: 1 Day; (01/06/2017-N/A) >BR>	B - Possible	CA. comments: MCA agrees with MAH: assessment B- Possible for the 3 vaccines
	FR4-MERCKMSD-2017-FR-00927	France	Animal	Canine/dog	Not Known	01/01/2016	14/06/2017	1 1	1 0		Yes, <b R> Fes, < BR> Yes</b 	Elevated liver enzymes,Epilepsy	No Data	On end of Jan 2016 a dog was vaccinated with NOBIVAC CHPI - NOBIVAC L4 - NOBIVAC RAGE by the strendingvet. About 10-15 days after excination, the dog started having epilepoly (crisis every 15 days approx). The dog started allopathic and homeopathic treatment without any result. The dog was checked on in 2017: or manil hear et chography, elevated hepatic enzymes. Awaiting for more details. Reason for treatment: vaccination	Not Applicable	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 dose; duration: 1 day; (01/01/2016) - N/A)=RR-GRR-NOBIVAC L4 - N/A,N/A,N/A N/A,N/A 10-Dose; duration: 1 Day; (01/01/2016- N/A)=RR-SRR-NOBIVAC RAGE - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (01/01/2016-N/A)=RR-SR>	O - Unclassifiable/unassessa ble	CA comments: Too much lack of information for a retrible conclusion (logs sage, breed, history). Pending more details, the 3 vaccines are O- Unclassified assessed.
NOBIVAC L4	FRA-MERCKMSD-2017-FR-00998	France	Animal	Canine/dog	6 Year(s)	08/06/2017	21/06/2017	1 1	1 0	08/06/2017	Yes, Yes, CBR>Yes, Yes, 	Breathing difficulty,Facial oedema	No Data	SAR: on OB Jun 2016 is Pug was vaccinated by the attending vet with NOBIVAC CHPPI + NOBIVAC L4 + NOBIVAC ACT of NOBIVAC ACT of the first time. 20 minutes after injection, the dog showed face oselema and resipiratory difficulties. Treatment with Solu-medrol (corticoli) was done and the dog recovered No more information espected, the case is closed. Case declared at the same time of case 2017-FR-01001 Duration of reaction: Duration of reaction (precision): 0 Day. Reason for treatment: vaccination	Pug	Not Known	NOBINAC CHEPT - N/A.N/A.N/A.N/A.N/A.N/A.N/A.Dox, drustion: 1. Day; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/AC L4 - Day; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/AC RAGE - N/A)-BRS-GR-N/GBN/AC RAGE - N/A/AN/A.N/A.N/A.N/A.N/A.N/A.N/A.Dox; duration: 1. Day; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/AC RAGE - N/AN/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.DAY; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/GR-RAGE - N/AN/A.N/A.N/A.DAY; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/GR-RAGE - N/AN/A.N/A.DAY; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/GR-RAGE - N/AN/A.DAY; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/GR-RAGE - N/AN/AN/A.DAY; onest time: 20 minutes (08/06/2017-N/A)-BRS-GR-N/GBN/GR-RAGE - N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	B - Possible	CA comments: MCA agrees with MAH: assessment B- Possible for the 3 vaccines

NOBIVAC L4	FRA-MERCKMSD-2017-FR-01001	France	Animal	Canine/dog	2 Year(s)	12/06/2017	21/06/2017	1 1	0 12/06/201	Yes, <b< th=""><th>Facial oedema, Breathing difficulty</th><th>No Data</th><th>SAR: on 12 Jun 2016 a Chihuahua was vaccinated by the attending vet with NOBIVAC CHPPI +</th><th>Chihuahua</th><th>Not</th><th>NOBIVAC CHPPI - N/A,N/A,N/A</th><th>B - Possible</th><th>CA comments: NCA agrees with MAH: assessment B-</th></b<>	Facial oedema, Breathing difficulty	No Data	SAR: on 12 Jun 2016 a Chihuahua was vaccinated by the attending vet with NOBIVAC CHPPI +	Chihuahua	Not	NOBIVAC CHPPI - N/A,N/A,N/A	B - Possible	CA comments: NCA agrees with MAH: assessment B-
										R> Yes, < BR>			NOBINACL 14 NOBINAC RAGE for the first time. 20 minutes after injection, the dog showed face oedem and respiratory difficulties. Treatment with 50ul-mentol (corticoliq was oben and the dog recovered. No more information expected, the case is closed. Case declared at the same time of case 2021/78/2098. Duration of reaction: Duration of reaction (precision): 0 Day Reason for treatment: vaccination		Known	N/A.1 Dose; duration: 1 Day; onset time: 20 minutes (12/06/2017-N/A)/-RB~cBR~NOBINAC L4 - N/A.N/A.N/A.) Dose; duration: 1 Day; onset time: 20 minutes (12/06/2017-N/A)-RB~SBR~NOBINAC RAGE - N/A.N/A.N/A.N/A.) M/A.1 Dose; duration: 1 Day; onset time: 20 minutes (12/06/2017-N/A)-GBR~SBR~NOBINAC RAGE - N/A.N/A.N/A.N/A.1 Dose; duration: 1 Day; onset time: 20 minutes (12/06/2017-N/A)-GBR~SBR~		Possible for the 3 vaccines
NOBIVAC L4	FRA-MERCKMASD-2017-FR-01086	France	Animal	Canine/dog	2 Year(s)	21/06/2017	11/07/2017	1 1	0 21/06/2013	Yes, Yes	Vomiting.Quincke's oedema,Apathy	No Data	Suspected solverse reaction received on 27 jun 2017. A pug dog with unknown medical history, age and see has been treated with Nobbucc 14 on an unknown date (jun 2017 chosen arbitrarily). On an unknown date, live dog experienced edema. No further information. Further information will follow. Follow up [25 jun 2017]: reception of the PV sheet. This case is uggraded to a serious case. Vaccination of a dog with Nobivac 14 and Nobbucc 12PP at 0.11 and 2017. About 2 Junus after, the dog displayed Quincke's coedema and also vomiting at the beginning of the reaction. Treatement with Solumedroi 20 mg. Rhemegap Ny I Vrouce, Prediscione O. 5 mg/g Bill and oxygenation. The dog recovered within 24 hours. The reporter worte that this dog already reacted to the vaccination by displaying apath by the didn't precise where only on vexicione or both vaccines were concerned. No more information expected. Case closed. Duration of reaction: Duration of reaction (precision): 5 Month	Pug	9.6	NOBINAC CHPPI - N/A.N/A.N/A N/A.1 Dose; duration: once; onset time: 2 hours (21/06/2017- N/A)-RBN-BRNOBINAC L4 N/A.N/A.N/A.N/A.1 Dose; duration: once; onset time: 2 hours (21/06/2017-N/A)-BR>-BR>	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed 8 (possible)
NOBIVAC L4	FRA-MERCIMASD-2017-FR-01097	France	Animal	Canine/dog	12 Week(s)	21/06/2017	27/07/2017	1 1	1 22/06/201	No.GBX-GBX-BR-NO	Lack of efficacy (parvovirus),Death	Other	SILET encewed on 26 Jun 2017. 2 12 weeks old female border collie with unspecified medical history has been treated with virstain Plan 1979 and at 4.8 weeks of Jag and NOBINAC CHF9 11.2 weeks of age (on 21 Jun 2017). This corresponds to extra label use. On 22 Jun 2017, the dog experienced diarrheae, on 23 Jun 2017 her experienced orwinding and no 24 Jun 2017 ancestal and dehydration (behas lost 24 Jun 2014). The scale and dehydration (behas lost 24 Jun 2014) ancestal and dehydration (behas lost 24 Jun 2014). The experienced orwinding and not 24 Jun 2014 noversal and dehydration (behas lost 24 Jun 2014). There was a negative coproscopy for parasites. She was treated with Emprif (intercolognamide), Priffinal (griffinium bromure), Buccoval (Spiramycine/metronidazole) and Prokolin (rink of montimolinoite with per and problositor), On 25 Jun 2017, the dog is brought back with hyperthermia at 40.1°C, vomiting despite Metoclognamide, and intermettent bloody stooks. She was perfused and received Fercobasin (from and 1912), Cerenia (Maropitaria) and Metacam (Metoclosm). Provovious is highly suspected. The dog died on 25 Jun 2017, An autopsy was performed on this dog and histological samples were taken on his small intestine. Autopsy showed inflammatory as part of the entire digestive system, with thickened Peyer plates. A 30 cm long part of the small intestine was purplish red with inflammatory and hearomylagin cursocae. The meenening anglia are enlarged and hard with sub-capsular oedema. The spleen looked crumpled, with dark structure. Best of the organic looked normal. A rectal swas showed CPV-2 ao n PCR Taying analysis. On blood testing, the dog had elsoipenia (1-1000 UII), hyper hymphocytosis, and AA Pat 472 U/I. (Nr. 20-150). The dog was part of a breeding but bought by the owner 3 weeks before. Further information will follow. Follow up on 17 yl 2017. histological anlyses received. anapling was performed on intestited on dwas sent borin in the breeding but bought by the owner 3 weeks before. Further information wi	Border Collie	Not	NOBINAC CHPPI - NI/AN/AN/AN/A N/A.1 Dose; duration: once; (21/06/2017 - NI/A)-RBTBR-NOBINAC L4 - N/AN/AN/A N/A.1 Dose; duration: once; (21/06/2017-N/A)-BR>-BR>	N - Unlikely	CA comments: NCA agrees with MAH: The role of each vaccine is assessed Numiliarly follow-up: assessments unchanged (N-Unlikely) Note: VeDDRA terms: Lack of efficacy changed to Lack of efficacy (parvovirus)
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01099	France	Animal	Canine/dog	4 Year(s)	27/06/2017	10/07/2017	1 1	0 28/06/201:	Yes	Joint pain, Fever, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	SAR received on 28 jun 2017 - a 4-year old non-preparat female dog with medical history of heat in agr 2017 was treated with MORIVAC L 40 - 7½ no 2017 at 7 PAR by was in good general state at the time of vaccination, not prepared. On 28 jun 2017, the dog could not raise and experienced fever (3.8 °C). A association on 20 no 2017, the dog and no fever (planton preparancy was first suspected by the owner but the dog had an echography showing no disorder, no prometra, no milk in the teats) and the dog had joint plan field that kings. The reviewed Descarders on and recovered on 30 jun 2017. Case closed. Duration of reaction: 2 Days. Reason for treatment: vaccination.	Bernese Mountain Dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; (27/06/2017- N/A) BR> BR>	A - Probable	CA comments: NCA agrees with the MAH assessment: A (probable).
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01101	France	Animal	Canine/dog	3 Month(s)	28/06/2017	11/07/2017	1 1	0 28/06/201		Urticaria,Ear pruritus,Swollen face (see also 'Skin'),Respiratory distress	Not Known	SAR: a 3 month old female Australian Shepherd dop, has been vaccinated (primo injection) with Zeetis CHPPI and L4 at the preeding on an univolomo date. On 28 JUN 2017, dog was injected with NOBINY. CHPPI and L4. She had ottils at the time of injection, Following injection, the dog experienced face deeding associated with registariot, distress and unitarial lessions on her belly. The dog received control injection. Following this episode of face edems, the dog experienced are puritus because of concomitant oits. She had completely recovered on 29 JUN 2017, Outcome: recovered. No more information expected. Case closed. Duration of reaction: Duration of reaction (precision): 1 Day Reason for treatment: Vaccination	Australian Shepherd Dog	7.6	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; (28/06/2017- N/A):BR>-BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; (28/06/2017-N/A) >BR>	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed B (possible)
NOBIVAC L4	FRA-MERCIMASD-2017-FR-01233	France	Animal	Canine/dog	4 Year(s)	10/07/2017	15/12/2017	1 1	1 20/07/201	Yes	isepattis,Scrotal oedema,Purulent minitis,Nasal dokange,Alopecia local.Death by euthnasia,Anorexia,Hyperthermia,Ahonomal test result,Disorder of red blood cell NOS,Faligue,Pancreatitis,Flewated LAT,Flewated tola bilirubin,Ahonomal radiograph finding, Decreased red blood cell court,Decreased haemoglobin,Decreased packed cell volume (PCV),Elevated armylase,Elevated Collection, Decreased packed cell volume (PCV),Elevated cell volume (PCV),Elevated protein,Monorcytosi,Elevated globulins,Non-regenerative anemia,Thromborytopenia,Mymphocytosis,Levated globulins,Non-regenerative anemia,Thromborytopenia,Mymphocytosis,Lymphopenia,Meutropenia	No Data	On 10 Jul 2017 a Shetland sheep dog was vaccinated by the attending vet with NOBIVAC L4 (Dooster Injection). On 20 Jul 2017 the dog shrowed anoresis, fistigue, pytherthernia (40.7 C.), scrotal edema. The dog was hospitalised. Blood smear was negative for Babesia, low hemoglobin (11 g/dl). The dog was hospitalised. Blood smear was negative for Babesia, low hemoglobin (11 g/dl) and cropenia. Proprotosis. On 21 and 22 Jul 2017 the dog bat sero-haemorrhaging sand sidesharge and it received after oricined + antibiotic treatment (Dexazone - Dooyval). It received after 0.2 Jul 2017 a blood sampling showed low hemoglobin (9 g/dl), neutropenia, lymphocytosis and monocytosis. On 23 Jul 2017 a blood sampling showed low hemoglobin (9 g/dl), neutropenia, lymphocytosis and monocytosis. On 23 Jul 2017 the dog was received in 9.4 Jul 2017 melogidosis - 9.6 g/dl, still monocytosis but no more neutropenia. On 27 Jul 2017 the dog was received in 9.6 g/dl, still monocytosis but no more neutropenia. On 27 Jul 2017 the dog was received in 9.6 g/dl, still monocytosis but no more neutropenia. On 27 Jul 2017 the dog was received in 9.6 g/dl, still monocytosis but not on 30 Jul 2017; analysis results received. Animal was negative for Borrelia, Etrickia canis and Anaplasman plaspocytophilum serology and Babesia spp. Etrickia spp. Anaplasma para and Fepatozon canis FCR. Avaviting for more information follow-up on 21 Aug 2017: the dog was visited apin by the attending vet on 21 Aug 2017. The dog was the animoprature files infectation and still with nasal discharge. A thoracic X-ray was done: bronchial pattern. Still neutropenia, lymphocytosis and discharge. A thoracic X-ray was done: bronchial pattern. Still neutropenia, lymphocytosis and discharge. A thoracic X-ray was done: bronchial pattern still neutropenia, lymphocytosis and gradient still with nasal discharge. A thoracic X-ray was done: bronchial pattern still neutropenia, lymphocytosis and gradient still with nasal discharge. A broncic X-ray was done: bronchial pattern of the patter	Shetland Sheepdog	Not	NOBINZL 1 - N/A/N/A N/A 1 Dose, duration roce, ornet time: 10 days (10/07/2017-N/A) 	O1 - Inconclusive	CA comments: NCA agrees with M4H: assessment O1- tronoclable Follow up 21 and 20,407 across of the Carlo was 21 and 2,40(R) 2017, assessment unchanged C1-inconclable Follow up 21 and 2,40(R) 2017, assessment unchanged C10-inconclable). The C10 are conclable Follow-up 19.55°P.2017, assessment unchanged C10-inconclable). The C10 are conclable Follow-up 20.75°P.2017, assessment unchanged C10-inconclable). The C10 assessment unchanged C10-inconclable Follow-up 20.75°P.21°P.21°P.21°P.21°P.21°P.21°P.21°P.21

NOBIVAC L4	FRA-MERCKMSD-2017-FR-01266	France	,	Canine/dog	3 Year(s)	31/07/2017	30/08/2017					Lateral recumbency,Respiratory		A 3 year-old female Carlin with unspecified medical history has been treated with NOBIVAC CHPPI and			BRAVECTO 250 MG COMPRIMES A	B - Possible	CA comments: Signs and time to onset are compatible
			A mila			3407				3,0,1	><88~687~687~687~687~687~687~687~687~687~6	fallur-Prostration (Death, Techycard is,Cardiac arrest,Pale muscous membrane,Loose stool,Vomiting		MOBINAL CLA for the first time, Viriae-Rage for the second or third time and BRAVECTO 250 MC COMPRIMES A CROUNE POUR CIVILED SET PILIT TAILLE 16.5 10 KI) (indivolves proposing), 250 mg chosen arbitrarily) on 31 yll 2017 at 10 AM. All 3 vaccines were mixed in the same yorige (certa label such as 5 mg. the day experienced vormiting, stocks, and fell on her side. The day was immediately brought back to the ver who found the day, with pale murcose and stachpartiles. The day received cortisone IV and Adversariae in V, then respiratory failure occurred, the day was instabled and received cortisone IV and Adversariae in V, then respiratory failure occurred, the day was instabled and precibed contisone IV and Adversariae in V, then respiratory failure occurred, the day was instabled and precibed contisone IV and Adversariae IV, then respiratory failure occurred, the day was instabled and precibed contisoned the continuation of the control of the	c		CROQUER POUR CHENS DE PETITE TAILE (9-4.5 no.5 n/ARA/NA/NA) A/NA, Taiblet, duration: 1.0 Days onset time: 70, 130/7/2017- N/A/SBS-GBN-DBNAC CHEPI- N/A/SBS-GBN-DBNAC CHEPI- N/A/SBS-GBN-DBNAC CHEPI- N/A/SBS-GBN-DBNAC LI 1.0 Days onset time: 5h (31/07/2017 N/A/SBS-GBN-SBNAC) 1.0 Days onset time: 5h (31/07/2017 N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBAGEM MONO- N/A/SBS-GBN-SBS- NA/SBS-GBN-SBS- NA/SBS-SBS- NA/SBS- NA/SBS- NA/SBS-SBS- NA		with an anaphylactic-type reaction, although there is no obvious sign at necrops; Walting for analysis results the role of each drug is 8 (possible) assessed.
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01328	France	Animal	Canine/dog	27 Month(s)	09/08/2017	22/08/2017	1	1 0	09/08/2017	Yes, <b R> >Yes</b 	Face and neck swelling (see also 'Skin'),Swollen lip (see also 'Skin'),Swollen limb,Ear pruritus,Pruritus,Anaphylaxis,Pinnal oedema,Vomiting,Blood in vomit	No Data	About 30 minutes after vaccination with NOBINAC CHPPI and NOBINAC Lef vaccination on 09 Aug 201 at 110.00 mil, a dois displayed swelling of the face, note triffer, ears, lips, resk and front legs, 2 vomiting with 2-3 little blood drops and a purture localised to the face and ears. Seen by the vet in emergency which rejected Solu-Mediol by IV route. The dogs was kept under observation at the clinic and was gave back to 1ts owner in the afternoon because it was better and began to deflate. Total recovery the day face. No more information expected. Case closed. Duration of reaction: Duration of reaction (precision): 1 Day Reason for treatment: Vaccination. Outcome of SAR: Favorable	7 Chihuahua	1.7	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: 1 Day; (09/08/2017- N/A) <br~br>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (09/08/2017-N/A) SR></br~br>	B - Possible	CA comments: NCA agrees with MAH: assessment B- Possible for both vaccines
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01378	France	Animal	Canine/dog	8 Year(s)	28/07/2017	15/09/2017	1	1 0	30/07/2017	Yes	Non-regenerative anaemia, Decreased red blood cell count_Staggering, Neutrophilia	No Data	An 8-year-old female German shepherd has been treated for the first time with NOBINACL to no 28 jul 2017. No 39 jul 2017, the dog experienced staggering. On 31 jul 2017, the dog sperienced staggering. On 31 jul 2017, the dog sperienced strong the two performed a full blood count showing red blood cells at 1.81 M/mm3 and white blood cells at 0.78 an /mm3, with red blood cell distribution index at 10.1. The dog received perfusion and 4 m. of Dezafort. There was no fever. The dog had normal liver and kidney analysis, normal coagulation, no hemogloburius at the clinic (the owner did not see hemogloburius at borne either). No artibiction agiven. On 1 sug 2017, the dog had WRG 28.27 m/mm3, Red 1.67 M/mm3, red blood cell distribution index 1.1.4. On 7 jul 2017, the dog had WRG 2.48 jul 2017, the dog had WRG 2.49 m/mm3, Red 3.54 M/mm3, 10 pt. 13.5. On 15 sug 2017, the dog had where the red blood cell distribution index 1.22. The dog had on 20 jul 2017, the dog had where the red blood cell swere going for 16 they were destroyed, where the gigments are). Further investigations will follow. Follow up 25 sug 2017. The dog has not been referred yet. Evolution was stable at the date of report. Further information will follow. Tollow up 5 sug 2017.	German Shepherd Dog	38	NOBINZA L4 - N/N,N/A,N/A,1 Dose; duration once; (28/07/2017- N/A) -BR> 	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with the MAH assessment: O (unclassified), Follow-up 25-AUG-2017; assessment unchanged
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01413	France	Animal	Canine/dog	11 Year(s)	25/08/2016	14/09/2017	1	1 1	10/08/2017	Not Known, BR > BR>FR Not Known	Death by euthanasia, Lack of efficacy	Not Known	On 21 Sep 2016s a dog was vescriated with NOBINAC L4 by the attending vet. On 08 Aug 2017 the dog started showing administ pain with routility and care remain fallure (diagnosed by the vet on 10 Aug 2017; uREA > 2.730 gf. (0.147–0.567)). On 10 Aug 2017 the dog had positive PCR for Legtosign contractions are asset to the properties of	Staffordshire Terrier	35.45	NOBINZA L4 - N/A,N/A/A/A,N/A.1 Dose; dustation none; 15/5/80/2016 N/A; BBB-2BB-VERSICAN PLUS L4 SUSPENSION NUICTABLE POUR CHERNS - N/A,N/A,N/A,N/A,1 dose; (09/08/2017-N/A)	N - Unlikely	CA comments: NCA agrees with MAH: The case is accessed 8 [ossible follow-up 04-85-92.2D2.Primo vaccination protocol not respected (two different vaccines used). Consequently, NOBINAC, 14 and VERSICAN PLUS 14 are N-Unlikely assessed.
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01428	France	Animal	Canine/dog	2 - 60 Month(s)	23/08/2017	20/09/2017	13	1 1	23/08/2017	Yes, <b R>BR> Yes, BR> Known</b 	Behavioural disorder NOS,Vomiting Death,Fatigue,Weak ness,Face and neck swelling (see also 'Skin'),Anorexia	No Data	Case reported by the cowers. On 23 Aug. 2017 at 1901 a dog was vaccinated with NOBIVAC LCHP + NOBIVAC L4 by the attending vet. The same day, at 12:00 the dog started showing change of behavior fatigue, weakness and anoreasis, vomiting. The cower observed swollen neck. The dog died the same day at 14:00. Awaiting for more information. Follow-upon 11 Sep 2017: phone call with the attendin vet. The owner was dog farmer, the same day 123 Aug 2017.] 31 Yorkshrise were vaccinated (11 pupples, 2 adults) with NOBIVAC CHP + NOBIVAC L4. Another puppy showed AE (see linked case 2017- FR-01480). Dogs had been treated with PAMACUR [250M6 chosen arbitrarily) on 20-12-12 Aug 2017. Awaiting for more information. Reason for treatment: Vaccination Outcome of SAR: Unfavorable	g	0.82	NOBIVAC CHP - N/A,N/A,N/A,N/A,1 Dose; duration: once; (23/08/2017- N/A,N/A,N/A,NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; (23/08/2017- N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	CA comments: NCA agrees with MAH: assessment B- Possible for both products. Follow-up 1: SEP-2017: assessments unrhanged for NOBIVAC CHP & L4 (B- Possible) PANACUR: NCA agrees with MAH: assessment O1-Inconclusive
	FRA-MERCKMSD-2017-FR-01442	France	Animal	Canine/dog		17/07/2017	11/09/2017	1	1 1	12/08/2017		Loose Lo	No Data	A 7 year old make Jack Russel with unspecific medical history has been vaccinated with NOBINAC L4 for the first time on 1.2 Jul 2017, he was vecinated with another brand of Leptoprisols vaccine they ears before. On 12 aug 2017, the downer noticed anorexia, vomiting and soft stools. He was seen again in consultation for the second injection of NOBINAC L6 on 14 aug 2017. The dog had a total blood count that day showing elevated creatine at 56 UJ, elevated urea at 2.3 UJ, low red blood cells. There was an enchgraphy performed showing slightly enlarged kinders with hyper ecloperative of the contral area of the kindery. Echography also highlighted a foreign body in the fog stomach (peach stone) that has been there for a while (nor related to the reported events according to the very. There was no gastric lesion to be noticed. The day was hospitalized on 14 aug 2017 and administrated with Oncopyclin, Ceremia bugat (pusperson) and performed. ACR was performed no blood during days of the contract of	Terrier	Not Known	NOBINAC L4 - N/N,N/A,N/A, 1 Dose; (17/07/2017-N/A)-8R>-6R>	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with the MAH assessment: O (unclassified).
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01447	France	Animal	Canine/dog	4 Year(s)	03/12/2016	13/09/2017	1	1 1	25/12/2016	Yes	Blindness, Weight loss, Death, Optic nerve disorder	No Data	A year of If Emale Chihaahaa with unknown medical history was vaccinated with NOBINACL in November 2016. The second injection of NOBINACL As contended not decided to the second injection of NOBINACL As contended not		Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; (03/12/2016-N/A)-GR>>BR>	O1 - Inconclusive	CA comments: NCA agrees with MAR1: assessment O2- tronchalve. Note: the veddra term "death" was added.

NOBIVAC L4	FRA-MERCKMSD-2017-FR-01496	France	Animal	Canine/dog	6.8 Year(s)	17/08/2017	21/09/2017	1 1	1 0	18/08/2017	Not Known < BR>< BR	Diarrhoea, Uraemia, Intestinal	No Data	On 17 Aug 2017 a dog was vaccinated with NOBIVAC L4 (for the first time) and EURICAN DAP (booster injection) by the attending vet. On 18 Aug 2017 the dog showed diarrhoea without other signs. On 23	Shih Tzu	6.8	EURICAN DAP LYOPHILISAT ET	O1 - Inconclusive	CA comments: NCA agrees with Intervet conclusion. The role of each vaccine is assessed O1 (inconclusive)
											> 	result, increased packed cell volume (PCV), Blood in facces	è	Aug 2017 the dog was still with darknoss and It received Candidaris for treatment during 5 days + Canilor during 3 days, A stool analysis was performed: disturbed intestant follow and eyhprocytes. Canilor during 3 days, A stool analysis was performed: disturbed intestant follow and eyhprocytes. Hoo dog recovered and the treatment stopped but the dog started having again disturboses. The dog starters again Candidaris restrement no 39 Aug 2017 during 5 days. Austhing for more information. Follow-up 19 Sep 2017-received analysis results of 14 Sep 2017. Feces bacteriology; absence of Salmonella sy, Scherichia Coll, Perkinsia sy, Clostridiam difficile, Clostridiam perfriagens, Staphylococcus intermediate, Staphylococcus aureus et Campylobacter sp. Hemstology; Hold 31.3 dl, (12.0-18.0), HTS 97% (87.0- 53). V/SM, Houscopes, ET verse normal, UREA 10.07 mmol/, [3.3-1.0], SGPT transamismas 263 U/V. (<122). The dog was visited by the attending vet on 18 Sep 2017 and it had completely recovered. No more information perspected, the case is closed. Duration of reaction: Duration of Feaction (precision): 31 Day, Reason for treatment: Vaccination Outcome of SAR: Favorable	1		NUECTABLE - N/A.N/A.N/A.N/A.1 Dose Not applicable 1. Aurimal; duration: 1 Day; (17/08/2017- N/A)-BBS-GBN-NOBINC L4 - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.		
	FRA-MERCKMSD-2017-FR-01504	France	Animal	Canine/dog	5 Year(s)	11/09/2017	20/10/2017	1 1	1 0	11/09/2017	Yes, <b R> Yes</b 	Neutrophilia, Vomiting, Anaphylaxis, Dysponea, Cough, Red mucosae, Fever, Erythematous rash, Hyperglycaemia, Elevated ALT, Elevated SAP, Ginglyal erythema	No Data	A 5 year old Yorkshire with unspecified medical history has been vaccinated with NOBIVAC CHPR on 1 sep 2017 for the first time and with NOBIVAC LIP (not 2013 and not 11 sep 2017. Right after vaccination, the dog experienced vomiting, cough, dyspnea, fever at 39.5 °C, generalized erythema, spathy. The dog had red six all our her body, and red conjouncitiva and ginglys. A Nohing has been given to the dog at the time of report (two days after vaccination) but fever had stopped. There was no pruritus associated with red six in Liverier information will follow as examinations are ongoing. Follow up received on 10 oct 17: Tog recovered on 14 sep 2017 after treatment with Decadreson. On lab tests, she had recreased 1A.1 at 10 /1 (17-78) and Air 2P 50 (1/1-58), high percipable 85.5% (0-78) and high glycaemia 1.6 gl/. (0-8-1.3) on 13 sep 3.75 he had a thoracic radiography which was normal Case closed. Reason for treatment Vaccination.	1 Yorkshire Terrier	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A,N/A,N/A,N/A,Dose; guration: once; (11/09/2017- N/A) - N/A+GRRBR>-NOBIVAC L4 - N/A,N/A,N/A,N/A,Dose; duration: once; (11/09/2017-N/A) - BR>- - BR>-	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed 8 (possible). Follow-up 10/10/2017: Unchanged assessment
	FRA-MERCIONSD-2017-FR-01506	France	Animal	Canine/dog	1.5 Year(s)	22/08/2016	25/09/2017	1 1	1 0	09/08/2017	Yes	Lack of efficacy		A 1.5 year old female white shepherd with unspecific medical history has been vaccinated with NOBINAC Lot on 2 gag 2016 (secination) program respected, puppy vaccinated at 3 and 4 month old, On 9 aug 2017, the dog experienced anoreasi, fatigue and loss 12 kilograms. On 14 aug 2017, the dog was brought to the vet who performed subchemistry on blood showing elevated creatines at 7 mg/l (N.14 mg/l) and elevated use at 1.8 gf. (1.6 gf.). The dog had pink mucosae, liver exzyme normal, no feeter, no dypane, the performed a PCR on blood which came back regative and Stroliges showing positivity for Legiospra Australia (1/200) and Legiospra aparana (1/200). The dog received perfusion was and creationism commission. The dog received are again blooder vaccination (1.6 cel Coded.) Duration of reaction: Duration of reaction (precision): 25 Day Nesson for treatment: Vaccination	Caucasian Shepherd Dog	Not Known	NOBIVAC.L4 - N/A,N/A,N/A,N/A,1 Dose; (22/08/2016-N/A) 	B - Possible	CA comments: NCA agrees with MAH: assessment B- Possible
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01521	France	Animal	Canine/dog	8 Week(s)	02/09/2017	25/09/2017	1 :	1 0	02/09/2017	Yes, <r R> Yes</r 	Neutropenia, Biloody diarrhoea, Lack of efficacy (parvovirus), Weight loss, Enlarged lymph node (localised), Anorexia	No Data	A 2-month-old female German shepherd has been vaccinated with NOBIVAC CIPPI and NOBIVAC LIPPI and NOBI	German Shepherd Dog	5.45	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; (02/09/2017- N/A)+BRS-BRS-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (02/09/2017-N/A) 	O1 - Inconclusive	CA comments: NCA agreeswith MAH. The case is assessed O.I. (inconclusive)
	FRA-MERCKMSD-2017-FR-01536	France	Animal	Canine/dog		24/08/2017	13/10/2017	7 1		24/08/2017	Yes, <c< td=""><td>Decubitus,Eyes rolling back,Drooling,Seizure NOS,Loss of consciousness,Involuntary movement</td><td>No Data</td><td>A female 2 month-old Australian Stephend puppy has been vaccinated on 24 aug 2017 for the first time with NOBIVAC ENF and NOBIVAC L. The same day, the dog received electronic ship. Few hours after vaccination, the dog experienced loss of consciousness. She experienced seizure, received Valium and recovered. Case is linked to 2017-PR-01550 (Cluster of cases). Further information will follow (pot mumbers, details). Follow up received on 3 oct 2017: One gooding was 7 kilograms, she experienced so of consciousness, lateral decubrium, pedaling, drooling, revulsed eyes leading to diagnosis of seizure. Here was no complementary examination performed. Dog was raised with the mother in box with access to the outside and fed with regular puppy petfood. Case closed. Reason for treatment: Vaccination</td><td>Shepherd Dog</td><td>7</td><td>NOBIVAC CHPPI - N/A,N/A,N/A, N/A,1 Dose; duration: once; (24/08/2017- N/A)-BRBR-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; (24/08/2017-N/A)-BR>-BR></td><td>O1 - Inconclusive</td><td>CA comments: Close time association with the vaccination. Convulsion can be zarely observed after vaccination in case of anaphylactic type reaction. Another cause cannot be ruled out. Both products are O1-inconclusive assessed. Following 03-OCT-2017: assessment unchanged (O1-inconclusive)</td></c<>	Decubitus,Eyes rolling back,Drooling,Seizure NOS,Loss of consciousness,Involuntary movement	No Data	A female 2 month-old Australian Stephend puppy has been vaccinated on 24 aug 2017 for the first time with NOBIVAC ENF and NOBIVAC L. The same day, the dog received electronic ship. Few hours after vaccination, the dog experienced loss of consciousness. She experienced seizure, received Valium and recovered. Case is linked to 2017-PR-01550 (Cluster of cases). Further information will follow (pot mumbers, details). Follow up received on 3 oct 2017: One gooding was 7 kilograms, she experienced so of consciousness, lateral decubrium, pedaling, drooling, revulsed eyes leading to diagnosis of seizure. Here was no complementary examination performed. Dog was raised with the mother in box with access to the outside and fed with regular puppy petfood. Case closed. Reason for treatment: Vaccination	Shepherd Dog	7	NOBIVAC CHPPI - N/A,N/A,N/A, N/A,1 Dose; duration: once; (24/08/2017- N/A)-BRBR-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; (24/08/2017-N/A)-BR>-BR>	O1 - Inconclusive	CA comments: Close time association with the vaccination. Convulsion can be zarely observed after vaccination in case of anaphylactic type reaction. Another cause cannot be ruled out. Both products are O1-inconclusive assessed. Following 03-OCT-2017: assessment unchanged (O1-inconclusive)
NOBIVAC L4	FRA-MERCIMISD-2017-FR-01550	France	Animal	Canine/dog	2 Month(s)	24/08/2017	13/10/2017	7 1	1 0	24/08/2017	Yes, <b R> Yes</b 	Drooling.Seizure NO\$,1.oss of consciousness,Involuntary movement,Temporary blindness,Decubitus,Eyes rolling back	No Data	A male 2 month-old Australian Shepherd pugpy has been vaccinated on 24 Aug 2017 for the first time with NOBINAC CIPSP and 14. The same day, the dog received electronic ship. Fer hours after vaccination, the dog experienced loss of consciousness. He experienced sesture, received Vallum and was hospitalized. Here No Vallum and vas hospitalized. When Yallum stoped to work, the dog had seizure again. This stated 48 hours. After these events, the dog experienced transitory blindness. The vision came back few days later. No further investigation was scheduled the puppy was sold, Lease is linked to 2017-147-0135 (Cluster of cases). Further information will follow for numbers, details) Follow up received on 3 cst 2017-00g weight was X bloggams, he experienced loss of consciousness, lateral decublists, pedetting, dronling, revoked eyes leading to diagnosis of seiture, there was no complementary examination performed. Ong was raised with his morther in how with access to the outside and fed with regular puppy petfood. Case Goosd. Duvation of reaction: 1 Week Reason for treatment: vaccination.	Australian Shepherd Dog	7.2	NOBINAC CHPPI - NI,AN/A,N/A ,N/A,1 Dose; duration: once; (24/08/2017 - NI,A)+BB>-GBNOBINAC L4 - NI,ANI,AN/A,N/A,N/A,N/A, Dose; duration: once; (24/08/2017-N/A)-BB>-BB>	O1 - Inconclusive	CA comments: Seitures are sometimes the expression of type 1 hyperenetivity veactions, aftitudy not the most characteristic in dogs, and transient blindness is a possible complication of seitures. Condering that other causes of seitures have not been investigated and that more bypical signs of hyperenetivity are not described, the roles of NOBINAC CHPRI and L4 are 0.1 (inconcludes) assessed Follow-up 0.5 OCT-2017: assessment unchanged (01-inconclusive)
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01554	France	Animal	Canine/dog	2 Month(s)	24/08/2017	02/10/2017	1 1	1 1	30/08/2017	R×BR×BR>Yes	Death	No Data	On 24 Aug 2017 1 puppy of Cotton de Tulear was saccinated with NOBINAC CHPP + NOBINAC Lb by th attending vet. 6 days after vaccination (30 Aug 2017) the puppy died. No autopsy, no further investigations were done. No more information expected, the case is closed. Case linked to case 2011 FR-013553 and 2017-FR-01359 (cluster of cases reported by the attending vet). Reason for treatment vaccination Outcome of SAR: Unfavorable	e Coton de Tuléar r-	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,I Dose; duration: 1 Day; onset time: 6 days (24/08/2017- N/A) >CBR>NOBIVAC L4 - N/A,N/A,N/A,N/A,I Dose; duration: 1 Day; onset time: 6 days (24/08/2017-N/A) >BR>	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with MAH: assessment O- Unclassified for both vaccines
	FRA-MERCKMSD-2017-FR-01555	France	Animal	Canine/dog	7 Week(s)	08/09/2017	02/10/2017	3	3		No, <b R> Yes</b 	Haemorrhagic gastroenteritis, Death, Abnormal test result, Hepatic disorder NOS, Abnormal necropsy finding		On 08 Sep 2017 3 7-weeks old pupples of Coton de Tulear was vaccinated with NOBINAC CHPP (EUI-waccination page) + NOBINAC Le by the attending vet. On 15 Sep 2017 2 pulpes died, on 16 Sep 2017 also the third one died. An autopy was performed for the 2 pupples died on 13 Sep: haemorhagic gatavicenteritis, spien hemorhagic suffusions, sever hepatic degeneration and collabaciliosis were observed. PCR analysis were performed on liver and rectal swah from one of 2 autopied pupples: positive PCR for Cornomivis and Pranovicus. No further investigations were done. No more information expected, the case is closed. Case linked to case 2017-RF-01554, 2017-RF-0155 (cluster of cases reported by the attending vet). Duration of reaction: Duration of reaction (precision). 3 Day Reason for treatment: Vaccination. Outcome of SAR Unifavorable On 24 Aug 2017 1 pupply of Bitchon Free was vaccinated with NOBINIC CHPH + NOBINIC LE 19 He NOBIN	Coton de Tuléar	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; (08/09/2017- N/A)+BRBR-NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (08/09/2017-N/A)+BR>-BR>	N - Unlikely	CA comments: NCA agrees with MAH: assessment N- Unlikely for both vaccines
	FRA-MERCKMSD-2017-FR-01559	France	Animal	Canine/dog	2 Month(s)	24/08/2017	02/10/2017	1 1	1 1	01/09/2017	Yes, <b R> >BR>Yes</b 	Death		attending vet. On 01 Sep 2017 the puppy ided. No autopsy, no further investigations were done. No more information operated, the case is closed. Case limited to case 2017-Re-01555 and 2017-Re-01556 (cluster of cases reported by the attending vet). Reason for treatment: Vaccination Outcome of SAR Unfavorable	Bichon Frise	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: 1 Day; (24/08/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (24/08/2017-N/A) 	O - Unclassifiable/unassessa ble	CA comments: NCA agrees with MAH: assessment O- Unclassified for both vaccines
NOBIVAC L4	FRA-MERCKMSD-2017-FR-01752	France	Animal	Canine/dog	4.5 Year(s)	24/04/2017	03/11/2017	1 1	1 1	16/10/2017	Yes, <b R> Yes</b 	Death,Lack of efficacy	No Data	A 4 years and 9 months old male Jack Russel in good general state has been vaccinated with NOBIVAC LOPPI and NOBIVAC Let on 23 May 2017 and NOBIVAC Let again on 24 Apr 2017. The dog has been vaccinated with Merial vaccines [and among them, Merial vaccine against leptospicosis) since the beginning. On 16 Oct 2017, the dog perspeciencel letters, leptospical failure, renal falline, glycosuris, proteinural with Heller test positive, anoreasis, vomiting, disarrhes and anemia. The vet suspected a leptospicosis but FOR came back register for testpospica interrugens on Blood and on kindeps and their suspices. The urine sample was not analyzable but the lab. On lab tests, the dog had total bilitrich at 8 mg/l Nt 1:50, creating at 100 mg/l Nt 1:50 mg	Jack Russell Terrier	7	NOBIVAC CHPPI - N/AN/A/N/A N/A1 Dose; duration: once; (23/03/2017- N/A) -0BR-NOBIVAC L4 - N/AN/AN/A, N/A,1 dose; duration: once; (24/04/2017-N/A) -0BR>-0BR>-0BR>-0BR>-0BR>-0BR>-0BR>-0	O - Unclassifiable/unassessa ble	CA.comments: Exact diagnosis in ort available. Pending additional results, both vaccines are O- Unclassified assessed. Note: "death" added in VeDDRA.terms

	RA-MERCKMSD-2017-FR-01796	France	Animal		4 Month(s)	27/10/2017	29/11/2017	1 1	1 28/10	R> Yes	es, oedema,Nasal be bleeding,Death,Tongue protrusion,Breathing difficulty,Fatigue,Stiffness NOS,Abnormal necropsy finding,Bloody foam in mouth and nose	No Data	On 27 Oct 2017 a dog was vaccinated for the first time by the attending vet with NDBIVAC CHPP! + NOBINAC L4 + NOBIVAC R45. The day was sightly faitiged the day of vaccination. 36 hours after specific nit, bed by sais slightly quiet (lower reported). On 29 Oct 2017 the day showed hypernal world hanging forque!, stiffness (head backwards), then breathing afficultes (heath rumons), Blooky foam beginning of the real fifficulties. An authory was performed acta the lag orderns, on other felsions observed. Alwarding for the histopathology analysis results. Follow-up on 20 Nov 2017, received histopathology analysis results. Follow-up on 20 Nov 2017, received the case is closed. Reason for treatment: Vaccination Outcome of SAR: Unfavorable	American Cocker Spaniel		N/A,1 Dose; (27/10/2017- N/A)cBR-cBR-NOBIVAC L4 - N/AN/AN/A N/A/1 Dose; (27/10/2017- N/A)cBR-cBR-NOBIVAC RAGE - N/AN/AN/A N/A N/A Dose; (27/10/2017-N/A) <	O1 - Inconclusive	CA comments: NCA agrees with MAH. Awaiting for histopathology analysis results, the role of each vaccine is assessed of (incinculause) e100m-up 20/11/2017: Assessment unchanged
NOBIVAC L4 FR	RA-MERCKMSD-2017-FR-01847	France	Animal	Canine/dog	3 Month(s)	30/10/2017	10/01/2018	2 1	1 31/10	Pes, 		Not Known	On 30 Or 2017 2 Chihalaha puppies of the same litter were vaccinated with NOBIVAC CHPI + NOBIVAC CLPIP 1 + NOBIVAC CLPIP 2 and 2 To 2017 2 one of the was in fair condition, on 01 Nov it had hypothermia and it was apathic. On 2 Nov the puppy was found dead by the owner. Awaiting for autopy report. Follow-up on 02 Jan 2017: autopys report received. No lesions were observed during the necropsy. No more information expected, the case is closed. Duration of reaction: 2 Days Reason for treatment: Vaccination	Chihuahua	0.65	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: once; (30/10/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; (30/10/2017-N/A) 	O1 - Inconclusive	CA comments: NCA agrees with the MAH conclusion. Waiting for necropy results, the role of each vaccine is O (unclassified) assessed. Follow-up on 02 Jan 2017; as necropsy is inconclusive, the roles of the vaccines are O1 (inconclusive) assessed.
	RA-MERCKMSD-2017-FR-01866	France	Acimal	Canine/dog		06/11/2017	15/12/2017	1 1	1 09/11	R×GBx-GBx-GBx-GBx-GBx-GBx-GBx-GBx-GBx-GBx-	Io, [Inding-Decreased red blood cell because in the count-livewise 5AP-leversed in count-livewise 5AP-leversed in count-livewise 5AP-leversed in the count-livewise 5AP-leversed in count-	A t	On 06 Nov 2017 a dag was succinated famual booster injection) with NOBIVAC CESTRY + NOBIVAC IASA NOBIVAC RAGE by the attending vet. The same day, the dog was treated for a nace external otitis with EASOTIC, OREXIDINE and DERMIPRED 20. On 70 Nov 2017 the dog received by the owner 1 tablet of BRAVETCO COMPRIBLE A CROQUER POUR CENTED SEGRANDET FAILE as It was found with statched ticks about 10 days before. On 90 Nov 2017 the dog started having parting, intense fatigue, hyperthermia (39-7) cand anoreasis. Dermiped retreatment was stopped and a blood sampling was done: elevated AP F-(200 U/I), RBC 5.12*10*3/mm³3, HT 34.7%. Quick's time normal, no metritis nor pomerts were observed by ultra-scant. A retreatment with Resum ESZRIG (1/2 tablets HD) and Epato 1500 (L) Stablets/day) was started. On 12 Nov 2017 the dog was hospitalized in another vet clinic: perfusion, Carbets (0.25ml/10/8), Duplamoux L and Shotspane, Cerenia, norphism (60'S) were done. Blood analysis: LIP 300.00 U/I (0.00-12.00), FIOS 11.10 mg/d (17.00-16.00), CREA 12.00 mg/d (10.30-15.00), Burl 50.00 mg/d (17.00-00), FIOS 11.10 mg/d (17.00-16.00), GREA 12.00 mg/d (15.30-4.00), AT 23.50 u/I (18.00-00.00), FIOS 11.10 mg/d (17.00-01.60.00), ANY 2215.00 U/I (18.00-214.00), CHOL 28.00 mg/d (16.30-4.00), MT 23.00 mg/d (16.30-4.00), MY 221.50 u/I (16.00-01.00.00), ANY 231.00 u/I (16.00.00.00), ANY 231.00 u/I (16.00.00.00), ANY 231.00 u/I (16.00.00.00), ANY 231.00 u/I (16.00.00), ANY 231.00 u/I (16.00.00.00)	haired Pointing Dog		BRAYETO 1000 MC COMPRIMES A CONCOURT POUR CHIEF DE GRANDE TAILLE P. 20–40 KG:) MANINAN AN ANIA 1.0 DORE ; duration: once; (07/11/2017 - N/A-NRA) ANIA ANIA 1.0 DORE ; duration: 3 Day; (06/11/2017 - N/A-NRA) ANIA 1.0 DORE; (06/11/2017 - N/A)-RRE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A 1.0 DORE; (06/11/2017 - N/A)-RRE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A 1.0 DORE; (06/11/2017 - N/A)-RRE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A RE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A RE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A N/A N/A RE-SREN-DORINACE ANGE - N/ANIA N/A N/A N/A N/A N/A N/A N/A N/A N/A N/		G. comments: All clinical signs can be linked to proposamosis. Condering positive PCR for abbeils canis, all products can be enonerated (assessment N. Wilkiely). Note: "Last of leffaccy" in VerboRt terms as well as MAH conclusion on Carbeils SLEE have been deleted: Follow put on T. Dec 2017: assessments unchanged (N-unilikely). Dec 2017: assessments
NOBIVAC L4 FR	RA-MERCKMSO-2017-FR-01867	France	Animal	Canine/dog	3 Year(s)	18/05/2017	11/12/2017	1 1	1 10/11	7 Yes-GR-ABR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-B		No Data	SLEE received on 14 Nov 2017: 3.5 years old female mewled breed dog (labrador) has been vaccinated in may 2017 with NosiborKL EFERO. On 70x 2017, the dog pescented with ferer. The vet performed blood smear (results unknown) and was given Carbesia. On 8 Nov 2017, the dog had digestive old knoder, during volven, vomiting, use and creatine slightly increased. She had adominal echography (results normal) and was given Kaopectate and Emeptid. On 9 Nov 2017, the dog had pain at mouth opening, She had coaglation disorders lesingle to blood in the lung (at X-rays), blood in cough, epistasis and high urea 1.55 UI (No.2-0.5), high creatinies 7.85 UI (No.1-0.0) with high blinkindermal 2.71 UI (No.1-0.5-vs.5) showed in cough into postfaction. Show 6 ded on 10 Nov 2017 of pulmonary haemornhage. Further information will follow (service) or show for the control of	Crossbred		NOBINZK CK - N/AN/AN/A N/A1 Dose; duration 1 Day (25)04/2027- N/A-18B-28R-NOBINZC L4 N/AN/AN/AN A/A1, Dose; (18/05/2017-N/A)-6BP-6BR>	O3 - Inconclusive	CA.comments: NCA agrees with MAH. The role of NOBINAC L4 is assessed 01 (finconclusing and the role of NOBINAC KI: A seased 01 (finconclusing and the role of NOBINAC KI: a seasesed N (unlikely) Follow-up 28-NOV and 05-DEC-2017: assessments unchanged
NOBIVAC L4 FR	RA-MERCKMSD-2017-FR-01922	France	Animal	Canine/dog	11 Year(s)	21/11/2017	04/12/2017	1 1	1 21/11,	2017 Yes, BR R>-BR>-BR>- BR>- BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	es, count,Eosinophilia,Lymphopenia,V	No Data	In 11 years old dischland with medical history of untreated cardiac murraur and annual succination with another bet cannot have been accurated with NORIMAC LERN with NORIMAC LERN is nonther vect linch has been varcinated with NORIMAC LERN NORIMAC LEA and NORIMAC Rega on 21 Nov 2017 in the morning for the first time. Ten hours later, at a flat, the day experienced lethary, he was brought to the vet the following morning with fever at 41.4°C for which the vet prescribed Tolfedine. On 22 Nov 2017 in the afternoon, the fever was gone but he was still letharge and experienced anorexis and vordining. A blood biochemistry analysis was performed showing high altaliane phosphatase, high billinchin, low blood calcium, high creatinne, hypertakemia, hugh premateriam, just hymphopenia, escinpolith, high hemadopich, high hematopich and low platelest. The vet perfused the dog in the evening and added Calcium into the perfusion. The dog died on 24 Nov 2017 in the morning: Further information will follow (anatomopathogical analysis). Duration of reaction: Duration of reaction (precision); 3 Doys Reason for treatment: Preventive Treatment of SAI Collisionships.	Dachshund (Standard) Long-haired		NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 dose; duration: Once; onset time: 10 hous (22/11/2017: N/A;=BB=GB=NOBINAC LA N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: 10 hours (21/11/2017-N/A;=BB=GB=NOBINAC RAGE - N/A,N/A,N/A,N/A,1 dose; duration: Once; onset time: 10 hours (21/11/2017-N/A;=BR>=BR)	O1 - Inconclusive	CA comments. Availing for necropy results, the role of each vaccine is assessed 01 (inconclusive)

	FRA-MERCIMSD-2017-FR-01934	France	Animal	Canine/dog	3 Year(s)	22/11/2017	08/02/2018	1 1	0 22/11/2	7 Yes, €BR> ←BR> R> ←BR> ←BR>Ye	Balance problem, Vestibular disorder NOS, Central nervous system disorder NOS, Weight loss, Morizontal nystagmus, Focial nerve disorder, Ahormani test result, Hypoglyca emila, Decreased red blood eldi coum, Decreased red blood eldi coum, Decreased result, Hypoglyca emila, Decreased resultion, Special Coum, Decreased resultion, Proposition, Commission,	No Data	On 22 Nov 2017 at 16:00 a dog was vaccinated for the first time with NOBIVAC L4 and RABIGEN MOND by the attending vet. 4. hours later the dog showed loss of balance (on fecal position and when changing direction," numing against the wail. "Nomiting and diarnhee observed using 48 hours. On 25 Nov 2017, it was visited by the vet. learning head, horizontal nystagmus (appeared on 23 Nov 2017), and candiat (3 tablets/day), on 27 Nov 2017 still learning head and loss of balance, otherwise good general condition. Awaiting for analysis results, recibeved to Dise 2017, analysis results recibeved (31 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.59 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.50 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*127/15.50-6.50), HGB 10 A g/d (14 Y 2.50 mmol/l) (3.34-6.11), non regenerative anaemis: RRC 4.51*10*10*10*10*10*10*10*10*10*10*10*10*10	American Staffordshire Terrier	25	NOBIVAC L4 - N/A.N/A.N/A. N/A.oncet time: 4 h (22/11/2017- N/A)SB-GB-RSABGEN MONO - N/A.N/A.N/A.N/A.N/A.Oncet time: 4 h (22/11/2017-N/A)-GBS-GBS	O1 - Inconclusive	CA comments: Although the digestive signs and their time to onest could be compatible with a post-vaccinal reaction, the other neurological and point councils areas to the other neurological and point to another cause. Walling for remaining results, the role of the vaccines is O.E. (inconductive) assessed. Follow up 07 and 312/20127: Cardial and Demipred were deleted from the list of products as they were substituted to the other conductive. Valleig, and the council of the council
NOBIVAC L4	FRA-MERCKMSD-2017-FR-02055	France	Animal	Canine/dog	8 Year(s)	11/12/2017	21/12/2017	1 1	0 11/12/2	917 Yes, Ye		No Data	A 8 year of beagle (see unknown) has been vaccinated with NOBIVAC L4 and NOBIVAC RAGE on 11 Dec 2017. He had been previously vaccinated with NOBIVAC L8 several times in the past without adverse reaction. On 11 Dec 2017, 20 min after vaccination, the dog experienced vomitting and distribes, associated with shock. Deazone and perfusion were administered. The dog's state improved 20 hours later. He recovered the following morning on 12 Dec 2017. Case closed This case is linked to 2017-FR-02054 (cluster of cases). Duration of reaction: 1 day Reason for treatment: vaccination	Beagle	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 dose; onset time: 20 min (11/12/2017- N/A) >BR>NOBIVAC RAGE - N/A,N/A,N/A,N/A,1 dose (11/12/2017-N/A) >BR>	B - Possible	CA comments: NCA agrees with MAH: assessment B- Possible for both vaccines
NOBIVAC L4		France	Animal	Canine/dog	5 Year(s)	06/12/2017	12/01/2018	1 1	0 15/12/2	717 Yes, No	Elevated total bilirubir,Elevated SAP,Abnormal ultrasound finding,Yomithing,Gail bladder & bile duct disorder NOS,Icterus,Cough,Lack of efficacy,Elevated liver enzymes	No Data	SLE and SAR. A.5 years old male Samoyed has been vaccinated since 10 Dec 2015 with NOBINAC LA the has been vaccinated on Bale Samoyed has been vaccinated since 10 Dec 2017 approximately, the dog was bitten by another dog, the received prophylactic artibiotic treatment (floraman). He was switched to a cephalosporin artibiotic for dry cough on 20 Dec 2017. On 31 Dec 2017, he experienced vomiting and citerus. He adhe (pib hillroh, high phosphates alkaline and high transamises. He was perfused and given drug for hepatic support. Despite hospitalization, the dog had even higher bilirubin on 2 Ian 2017. The dog performed an echography showing approximately normal hepatic system with a slight thickening of the gall bladder. There was no dilation of hepatic ducts. The vet suspected a lack of efficacy of L4 leading to Jetospoirosis. Secrologies ongoing. Dog was under Neurocival wit the time of report. Plor test negative. Further information will follow (outcome, serologies). Reason for treatment. Yeacingtion.	Samoyed	Not Known	NOBINAC L4 - N/A,N/A,N/A,N/A, Dose, duration: 1 Day, (06/12/2017- N/A)=BR-BR-RONADAN COMPRIMES - N/A,N/A,N/A N/A/N/A (13/27017- N/A)N/A (13/27017- N/A)S-BR>-GBP>		CA comments: NODIVAC LE-NC Agrees with MAH: assessment O1-inconclusive RONAVAN: no prevention for leptospirosis and poorly compatible with cough appearance. Very few data available on this treatment (poles); DLU since not recommended in prevention. Overall, assessment O- Unclassified.
	FRA-MERCKMSD-2018-FR-00004	France	Animal	Canine/dog	Not Known	05/12/2017	15/01/2018	6 2	0 05/12/2	Known, BR >>BR> <br Not Known</br 		Not Known	Vaccination of 6 pupples with Nobwac CHPPI and Nobwac L4 (first injection of priming) on 05 Dec 2011 at a cound 03:00pm. Height hours later, 2 of them displayed spastic paresis (no more practise description available at the time of the report). Treatment with huttigle 1. Recovery 2 hours later. Awaiting for further information. Case linked to case 2018+FR-0006: similar case from the same attending vet. Duration of reaction: 2 hours. Reason for treatment: Vaccination			NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,I Dose; duration: Once; onset time: 8 hours (05/12/2017- N/A) -CBR>NOBIVAC L4 - N/A,N/A,N/A,N/A,I Dose; duration: Once; onset time: 8 hours (05/12/2017-N/A) - -	O1 - Inconclusive	CA comments: NCA agrees with MAH. The role of each vaccine is assessed O1 (inconclusive)
	FRA-MERCKMSD-2018-FR-00006	France	Animal		Not Known			1 1		017 Not Known, <br< td=""><td>></td><td>Not Known</td><td>Vaccination of 1 puppy with NOBIVAC CHPPI and NOBIVAC L4 (first injection of priming) on 21 Dec 2017. Height house later, the puppy slighed postatic pares for more precise description available at the time of the report). Treatment with Nutrigel +. Since this event the puppy displayed dysorenia and weight loss 50 grams). This pupp has not been vaccinated on 50 Dec 2017 with the rest of the litter (see linked case) became it was to logif (300 grams). Availing for further information. Case linked to case 2018-FR-0004 : similar case from the same attending vet.</td><td>Not Applicabl</td><td>e 0.6</td><td>NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: Once; (21/12/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; (21/12/2017-N/A) </td><td>O1 - Inconclusive</td><td>CA comments: NCA agrees with MAH. The case is assessed O1 (inconclusive)</td></br<>	Not Known	Vaccination of 1 puppy with NOBIVAC CHPPI and NOBIVAC L4 (first injection of priming) on 21 Dec 2017. Height house later, the puppy slighed postatic pares for more precise description available at the time of the report). Treatment with Nutrigel +. Since this event the puppy displayed dysorenia and weight loss 50 grams). This pupp has not been vaccinated on 50 Dec 2017 with the rest of the litter (see linked case) became it was to logif (300 grams). Availing for further information. Case linked to case 2018-FR-0004 : similar case from the same attending vet.	Not Applicabl	e 0.6	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose; duration: Once; (21/12/2017- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: Once; (21/12/2017-N/A) 	O1 - Inconclusive	CA comments: NCA agrees with MAH. The case is assessed O1 (inconclusive)
	FRA-MERCKMSD-2018-FR-00018	France	Animal	Canine/dog		09/08/2017	18/01/2018	1 1	0 09/08/2	R> Yes 	c reaction, Discomfort NOS	i No Data	On 09 Aug 2017 a puppy was vaccinated for the first time with NOBINCA CHPP1 + NOBINCA L14 NOBINCA CARP + NOBINCA CL4 NOBINCA ROBE to the attendigues. 5 minutes after injection the dog showed discomfort, hypothesion, hypothermia and ventral skin urticants. It received an injection of corticoid and it recovered within 30 minutes. No more information expected, the case is closed Note: Cluster of case reported, see linked cases 2018-RF-00020, 2018-RF-00022, 2018-RF-00024. Duration of reaction: Duration of reaction (precision): 0 Day Reason for treatment: Vaccination Outcome of SAN: Favorable control of the control of	Bernese Mountain Do	15 g	NOBINAC CHPPI - N/AN/AN/A N/A,1 Dose; duration: 1 Day; onset time: 5 min (09/08/2017: N/A)=BR- <br-nobinac -<br="" l4="">N/AN/AN/A, N/A,1 Dose; duration: 1 Day; onset time: 5 min (09/08/2017: N/A)=BR-<br-nobinac -<br="" rage="">N/AN/AN/AN/A), N/A,1 Dose; duration: 1 Day; onset time: 5 min (09/08/2017: MA/LBB-<br-< td=""><td>B - Possible</td><td>CA comments: MCA agrees with MAH: The role of each vaccine is assessed 8 (possible)</td></br-<></br-nobinac></br-nobinac>	B - Possible	CA comments: MCA agrees with MAH: The role of each vaccine is assessed 8 (possible)
NOBIVAC L4	FRA-MERCIONSD-2018-FR-00020	France	Animal	Canine/dog	7 Year(s)	27/11/2017	18/01/2018	1 1	0 27/11/2	917 Yes, Ye R>BR>BR>Ye BR>BR>BR> BR>BR>Yes	B Hyperthermia, Discomfort NOS	No Data	On 27 Nov 2017 a dog was vaccinated (booster injection) with NOBINC CHPP1 + NOBINCL (14 NOBINCA CHPP) + NOBINCA (14 NOBINCA ROBE) by the attending vet. 5 minutes after injection the dog showed discomfort, hyperthermia (38 O°C). It received an injection of corticoid and it recovered within 30 minutes. No more information superticed, the case is closed. Note: cluster of cases reported, see linked cases 2018-FR-00018, 2018-FR-00022, 2018-FR-00024. Reason for treatment: vaccination Outcome of SAR: Favorable	German Shepherd Dog	31	NOBINAC CHPPI - NI,AN/AN/A N/A,1 Dose, duration: 1 Day, onset time: 5 minutes (27/11/2017- NI/A:BBS-GBR-NOBINAC L4 - NA/NA/NA/A N/A,1 Dose, duration: 1 Day, onset time: 5 minutes (27/11/2017-NI/A):BBS-GBR-NOBINAC RAGE - NI/AN/NA/A,1 Dose, duration: 1 Day, onset time: 5 minutes (27/11/2017-NI/A):GBR-SBR-NOBINAC RAGE - NI/AN/NA/A,1 Dose, duration: 1 Day, onset time: 5 minutes (27/11/2017-NI/A):GBR-SBR-N	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed 8 (possible)
NOBIVAC L4	FRA-MERCKMSD-2018-FR-00023	France	Animal	Canine/dog	8 Week(s)	09/01/2018	05/02/2018	10 1	1 09/01/2	018 Yes, < R> Ye	B Oral bleeding,Bloody s diarrhoea,Found dead	No Data	Vaccination of ten puggies (from 1 litter) with NOBIVAC C1979 and NOBIVAC L4 on 09 Jan 2018 at 05:30pm. At around 08:30pm (3 hours after the vaccination), one of the pupples, a female, has been found deal dy the owners with bloody diarrhoes and also with blood in the mouth. This female had eaten her evening meal and had gone out in the evening with the other pupples for 15 minutes. A necropy and a part OFR will be performed. Awaiting for the necropys and PCR setsils. Follow upG2 Jan 2018): reception of the Para VFR which is positive (infectious strain). After a call of the vet, he confirmed that the dog didn't have hyperthemis before secrations and that none of the nine other dog have displayed any signs of parvovirosis. Awaiting for the necropys report. Reason for treatment: Vaccination	Corso Dog	5.17	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: once; onset time: 3 hour; G9/01/2018- N/A)<8R><8R>>NOBIVAC L4 - N/A,N/A,N/A, N/A,1 Dose; duration: once; onset time: 3 hours (09/01/2018-N/A)<8R><8R>	O1 - Inconclusive	CA comments: NCA agrees with MAH: Clinical signs and time to onset are very suggestive of an anaphylacit to per eaction, however awaiting for analysis result a parvovirosis cannot totally be ruled out. The role of each vaccine is assessed 8 (possible Follow-up 25-JAN-2018: NCA agrees with MAH: assessment changed to O1-inconclusive
NOBIVAC L4	FRA-MERCIXMSD-2018-FR-00024	France	Animal	Canine/dog	Not Known	01/01/2017	18/01/2018	1 1	0 01/01/2	717 Yes, R> R> BR> BR> BR> BR> BR> BR>Yes	8 Facial oedema 6, <	No Data	In 2017 an addf Dachhourd was vaccinated (booster enjection) with NOBIVAC FAPF + NOBIVAC L4 + NOBIVAC RAGE by the attending vet. 5 minutes after injection the dog showed face cedema. It received an injection of corticoid and it recovered. No more information expected, the case is closed. Note: cluster of cases reported, see linked cases 2018-FR-00020, 2018-FR-00018, 2018-FR-00022. Reason for treatment: vaccination. Outcome of SAR: Favorable	Dachshund (Standard) Smooth- haired	Not Known	NOBINAC CHPPI - N/A N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 5 minutes (01/01/2017- N/A)-BRN-BR-NOBINAC L4 N/A/N/A/N /N/A,1 Dose; duration: 1 Day; onset time: 5 minutes (01/01/2017- N/A)-BRN-BRN-NOBINAC RAGE N/A/N/A/N/A,1 dose; onset time: 5 minutes (01/01/2017- N/A)-BRN-BRN-NOBINAC RAGE N/A/N/A/N/A,1 dose; onset time: 5 minutes (01/01/2017- N/A)-BRN-BRN-NOBINAC RAGE N/A)-BRN-BRN-NOBINAC RAGE N/A)-BRN-BRN-NOBINAC RAGE N/A)-BRN-BRN-NOBINAC RAGE N/A)-BRN-BRN-BRN-NOBINAC RAGE NOBINAC RAGE	B - Possible	CA comments: NCA agrees with MAH. The role of each vaccine is assessed 8 (possible)

NOBIVAC L4	FRA-MERCKMSD-2018-FR-00052	France	Animal	Canine/dog	3 Year(s)	09/01/2018	25/01/2018	1 1	0	09/01/2018	Yes, <b R> Yes, < BR> </b 	Injection site inflammation,Injection site lump,Facial oedema,Breathing difficulty,Eruption	No Data	Vaccination of a dog with NOBIVAC CHPPI, NOBIVAC L4 and NOBIVAC RAGE on 09 Jan 2018. Around 8 in after, the dog displayed a facial oedemia (swelling in 10 to 15 minutes) and difficulty to breath. Dog seen by the vet in emergency: the vet also noted the presence of an inflammatory nodule at the injection site and a cutaneous eruption localized at the injection site and at the buttocks. Treatment with Bearderson (descemblasons, 1.5 ml.) yil and anti-histominic. Two hours late the cutaneous engision was generalized. The engotion disappareard in a few hours. The day after the dog still displayed a slight swelling of the right side of the face and the inflammatory nodule. Total recovery within 24 to 35 hours after the vaccination. No more information expected. Case closed. Duration or reaction: Duration of reaction (precision): 2 bay Reason for treatment Vaccination Outcome of reaction: Duration of reactions (precision): 2 bay Reason for treatment Vaccination Outcome of reaction: Duration of reactions (precision): 2 bay Reason for treatment Vaccination Outcome of reaction: Duration of reactions (precision): 2 bay Reason for treatment Vaccination Outcome of the precision of the precision	French Bulldog	14.1	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; (09/01/2018- N/A)4BR-SBR-NOBIVAC L4 - N/A,N/A,N/A,1 Dose; duration: 1 Day; (09/01/2018- N/A)4BR-SBR-SBR-NOBIVAC RAGE - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (09/01/2018-N/A)4BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-S	B - Possible	CA comment: NCA agrees with MAH's assessment: B- Possible for the 3 vaccines
NOBIVAC L4		France	Animal	Canine/dog	5 Year(s)	10/01/2018	06/02/2018	1 1	1	11/01/2018	Not Known, BR>BR **SRAP**SR>Not Known, BR>BR>BR **SRAP**SR Not Known, BR>BR **SRAP**SR **SRAP**SR **SRAP**SR **SRAP**SR **Yes		No Data	ASA. Favorable On 10 Jan 2018 approx a dog was vaccinated (booster injection) with NOBIVAC L4 by the attending vet 24-88 hours after, the dog had progressive paralysis (starting from hind limits initially) and it was treated with PEDATOR'S at normal dosage. 8 flours its tert hed og uss completely paralysed, with retarded with DEDATOR'S and paralysed, with the paralysed of the	- Crossbred	19	GANDIAT - WIAN/A, N/A, N/A, N/A 1/2791/2018 WIA/SEBGBN-DEXADRESON N/A/SEBGBN-DEXADRESON N/A/SEBGBN-DEXADRESON N/A/SEBGBN-DEXADRES N/A/SEBGBN-DEXADRES 1/2/01/2018 N/A/N/A/N/A / N/A/JATION: 2 DBy. (12/01/2018 N/A/SEBGBR-NOBINAC L4 - N/AN/A/N/A / N/A, 1 Dose; duration: 1 DBy; (10/01/2018-N/A)-GBRGBP-	OI - Inconclusive	A commenter. Time to note it compatible with n role of the vaccination in the event, but can parlie with a first of the vaccination in the event, but can parlie with a first of the vaccination worsend within 2 days to reach thoracic intols. This clinical picture is compatible with a post-vaccinal acute leve motor neuron testigeness causing by post vaccinal acute leve motor neuron testigeness causing by post vaccinal acute level polyradiculoneuritis. This sche even vy rarely reported after vaccination in dogs but is known and published. International control of the present of the prese
NOBIVAC L4	FRA-MERCKMSD-2018-FR-00091	France	Animal	Canine/dog	10 Year(s)	28/12/2017	29/01/2018	1 1	1	01/01/2018	Yes	Death, Lack of efficacy	No Data	On 28 Dec 2017 a Newfoundand female dog received booster injection of NOBINAC L4 (first injection on 60 Dec 2017) by the atlending vec. Dor 13 an 2018 the dogs was faliagued, with hyperthermia (18.8°C.) licterus, ancreais. On 02 Jan 2018 the dogs showed physilism, still icterus, hyperthermia (18.8°C.) slood analyses of 02 Jan 2018 enkeyors, hyperchormia, haemoly can anemia. Red. 20.7 (fig. 5-18.5), 1982 ag/ (10.2-6), CREA 30 mg/ (1-41.9, 18-6.6 g/d) (12.1-8), AT 10.3 U/l (17.7-8), PAL (08.0 U/l (15.8-8)). Gamma of 25.1 U/l (5-1.4), Par 9 g/l (9.2-5), HT 1.6 skt (19.7-5), GU. 19.9 g/l (0.3-1.5), MOVB 11 (16.9-C.), HT 10.4 (19.7-2), HT 1.6 skt (19.7-5), GU. 19.9 g/l (0.3-1.5), MOVB 11 (16.9-C.), HT 10.4 (19.7-2), HT 1.6 skt (19.7-4), GU. 10.9 g/l (0.3-1.5), MOVB 11 (16.9-C.), HT 10.4 (19.7-4), HT 10.4 (10.9-1), HT 10.4 (19.7-4), H	Newfoundland	53	NOBINZE 14 - N/A/N/A N/A 1, Dose; duration: Day; (28/12/2017- N/A)-BR> 	N - Unlikely	CA comments: NCA agrees with MAH: assessment N- Unlikely
NOBIVAC L4	FRA-MERCKMSD-2018-FR-00136	France	Animal	Canine/dog	7 Month(s)	30/01/2018	09/02/2018	1 1	1	31/01/2018	Yes, <b R> Yes</b 	Low platelet Count, Leuccytosis, Diarrhoea, Vomi Ung, Coma, Presumonia, Death, Hyper thermia, Abnormal test result, Elevated BUN	No Data	On 30 Jan 2018 a dog received a booster vaccination (first injection 1 month before) with NOBITVAC. CHEPPI and NOBINAC Leby the attending vt. 51 hours later the dog had hyperhermia (42°C,1) vomiting, diarrhoea. On 31 Jan 2018 the dog was treated with corticoid and NSAID: negative test results for tick browned basesse and normal blood screening results. On 01 Fe 30 Jost the dog was streated with corticoid and NSAID: negative nest resiminani, Parovivius and CH 12 test. 10EX 20 Jost New 10 Fe 30 Jost New 10 Leby 10	Crossbred	Not Known	NOBIVAC CHPPI - N/A,N/A,N/A N/A,1 Dose; duration: 1 Day; onset time: 15 h (30/1/2018- N/A)+BB> <br-nobivac (30="" 01="" 1="" 15="" 2018-="" a)+br="" a,1="" a,n="" day;="" dose;="" duration:="" h="" l4="" n="" onset="" time:=""> ></br-nobivac>	O1 - Inconclusive	CA comments. The first signs and their time of onest an compatible with a post-vaccinal resolution. However the degradation despite rearment, until death, are very nursual, and the lal practits suggest an infectious cause (feptospirosis). Therefore the roles of the vaccines are O1 (inconclusive) assessed.
NOBIVAC L4	FRA-MERCKMSD-2018-FR-00174	France	Animal	Canine/dog	6 Year(s)	18/01/2018	16/02/2018	1 1	1	25/01/2018	Yes, <b R> >No</b 	Polydipsia, Polyuria, Death, Emesis (multiple)	Other	Vaccination of a dog with NOBIVAC CHP (annual booster) on 27 Dec 2017 and with NOBIVAC L4 (priming) on 77 Dec 2017 and 18 Jan 2018 (ELU 2) a weeks between each injection). Around on week after the second injection of NOBIVAC L4, according to the owner, the dog displayed worning and polyuro-polydigaia. Then the condition of the dog worsened until the death on 06 Feb 2018. The owner brought his dead dog to know why! was dead. The set had concerns about a possible SNAR elva- vaccination with Nobivacv L4. Awaiting for necropsy and histology results. Duration of reaction: 12 DNS: Basson for transmert Vascination.	Cairn Terrier	Not Known	NOBIVAC CHP - N/A,N/A,N/A, N/A,1 Dose; duration: 1 Day; (27/12/2017- N/A) -BR>NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (18/01/2018-N/A) >	O - Unclassifiable/unassessa ble	CA comments: No diagnosis available, necropsy results are pending. Therefore, both vaccines are O- Unclassified assessed.
	FRA-MERCIMSD-2018-FR-00217	France	Animal	Canine/dog	8 Week(s)	13/02/2018	24/03/2018	8 8	1	16/02/2018	Yes, -GRP-GRP-GRP-GRP-GRP-GRP-GRP-GRP-GRP-GRP	Vomiting.Death,Anorexis,Hyperther mis,Hypothermia,Ahoromat lest result.Intussus/estion/Naues,Ahoromat nersult.Intussus/estion/Naues,Ahoromat neropsyl finding.NT - nerotic hepatitis,NT	No Data	1,000 teachon for freshtheric vaccinations. 2,000 teachon for freshtheric vaccinations. 2,000 teaching for the first time with NOBIVAC. CHPP1 NOBIVAC Ld by the attending vet in a breeding farm. On 16 Feb 2018 1 puppy started having diamrhoes: the puppy was treated with Descare. 2,000 teaching for the control of the	Corso Dog	05-Aug	NOBIVAC CHPPI - N/A,N/A,N/A A/N/A Dose; duration: Once; onset wire: 4 days (12/07/2018- N/N/46R-SiR-NOBIVAC L N/N/46R-SiR-NOBIVAC L N/N/A/N/A/N/A/N/A/A/A/A/A/A/A (13/07/2018-N/N/46R>-48R>-	O1 - Inconclusive	CA comments. The clinical signs are suggestive of a possible post-vaccinal reaction. However the time to possible post-vaccinal reaction, however the time to owner is qualter forig such hypothesis: missusspection and subsequent death are possibly missusspection and subsequent death are possibly midses observable, coment be ruried out, there lose it an infective cause cannot be ruried out, therefore the role of each vaccine is assessed 01 microarchises, rollow-up 21/03/2018. Given analysis cannot categorically ruled out. Therefore, the role of each vaccine semalns assessed 01 (inconclusive)
NOBIVAC L4	FRA-MERCKMSD-2018-FR-00281	France	Animal	Canine/dog	Not Known	06/01/2018	16/03/2018	1 1	0	13/01/2018	Not Known	Diarrhoea,Epistaxis,Nasal discharge,Cough	Not Known	On 06 Jan 2018 a White Swiss Shepherd was vaccinated with NOBIVAC L4 by the attending vet. About 7-10 days later, the dog had cough and diarnhoes during about 2 weeks and nasal discharge (epistaxis) during 2 days. The dog recovered without a treatment. No more information expected, the case is closed. Duration of reaction: 2 Weeks Reason for treatment: Vaccination	Other Canine/dog	Not Known	NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: 1 Day; (06/01/2018- N/A) 	O - Unclassifiable/unassessa ble	CA comments: Considering time to onset and nature of symptoms unexpected after NOBIVAC L4 administration, another underlying cause has to be considered (no investigations). Therefore assessment O-Unclassified

NOBIVAC L4	FRA-MERCKMSD-2018-FR-00354	France	Animal	Canine/dog	3 Month(s)	21/03/2018	03/04/2018	1 1	0 21/0		Yes, <b R> >es</b 	Pale mucous membrane,Vomiting,Pinnal	No Data	21 Mar, 10:40am : vaccination with NOBIVAC CHPPI and NOBIVAC L4 21 Mar, 10:45am : the dog displayed a vagal shock (falling, decubitus) with loss of consciousness, pale muquous membrane and	French Bulldog	5	NOBIVAC CHPPI - N/A,N/A,N/A ,N/A,1 Dose ; duration: once; onset	B - Possible	CA comments: NCA agrees with MAH assessment: each vaccine is B (possible) assessed.
												reddening,Anaphylaxis,Falling,Loss of consciousness,Generalised itching,Local swelling (not application site),Decubitus,Vagal Shock		somiting, immediate treatment with Vetecardiol and Deazone by If voice. The loss of consciousness lasted only a few mixtures and the dog fully recovered within 20.10 25 minutes. 2 July 62.00gm; the dog displayed generalised fitching then swelling and reddenning of the ears. Treatment with Dimazon and Histocarlainine. All Osdion, time of the call, eart were still swollen and red and itching was still present but tended to decrease. Awaiting or the outcome. Reason for treatment-vaccination.			time: 5 min (21/03/2018- N/A) NOBIVAC L4 - N/A,N/A,N/A,N/A,1 Dose; duration: once; onset time: 5 min (21/03/2018- N/A) 		
	FRA-USMERIAL-16FR001485	France	Animal		2 Month(s)		13/01/2017	4 4		R M M M M M M M M M M M M M M M M M M M	>-6R6R6R	Pain NOS, Weight Ioss, Crust, Apathy, Patigue, Generalis de weslenes, Jaint modification NOS, Sins sach Dysoreash injection NOS, Sins sach Dysoreash injection Ross and Painter and Painter and Painter painters, Ching Stemorrhage providus, Cying Stemorrhage providus, Cying Stemorrhage darchee Assidonois, Urbing Portion Sain lesson NOS, Decreased appetite	Not Known	Menial description : as reported by the attending vet: Four 2-month-old Shih Tru puppies, mixed male and females, 2.4 kg, in very good condition, were vaccinated with EURLAW GF972 (butch number 1435074 and expl. date 3.1 Mea-2013) and MORIVAC I (ellation under an etc.) and EURLAW GF972 (butch number 1435074 and expl. date 3.1 Mea-2013) and MORIVAC I (ellation number and expl. date value) and 1.0 dec. 2013 data mixtured SC by the DVM. All 8 puppies experienced tiching after vaccination and 1 of trails which led to supply the SC 24 kg to 2.5 the 2.0 kg and presented with scale to the tale and the legs. One of them had weeping spots on the thigh. Certainers are calculated with scale to the tale and the legs. One of them had weeping spots on the thigh. Certainers are calculated with scale to the tale and the legs. One of them had weeping spots on the thigh. Certainers are calculated with scale to the tale and the legs. One of them had weeping spots on the thigh. Certainers are calculated with scale to the scale of the sc			CEPHACARE F SO MG COMPRIMES POUR CHATS ET CHIENS - NA/MA/NA/NA/A/A/A/A/A/A/A/A/A/A/A/A/A/A/	B - Possible	Ac comments: Dermatological lesions are compatible with vaccination (hypersensitivity reaction), as well as a conreast, elemorrhight dearhore is more unsepected. Cellalacine may cause gastro-intestinal signs such as a consideration of the comment
	GB-BAYERBAH-2017-434495	United Kingdom	Animal			25/07/2017		1 1		R 8 N K >	R> Not Known, SRX-SBR >BR>BR> Not Known, SBX-SBR > Not Known		Not Known	The dog received a booster vaccination and kennel cough vaccination on 25-sid. Advants to 25-5 kg was correctly administered 23-sid in seven tiste along the dogs but by the dog's owner. The same day at the Advants was applied the dog began rubbing her face and ears, she was also reported to be ribbin at the rottom. The ear canals looked inflamed on clinical examination. The dog Advants applied in June and the owner did not report any rubbing for libbing following the first exposure. The stain at the steet of application looked completely normal and there is no redess or irritation. Follow up reported to MMH on 31 July 2017 Suspected adverse reaction Vaccinated on 35 July 2017 with Dobbsco LPIF (confirmed with B8) and L4 and KC, was clinically used at the time of vaccination. Owner applied Advants on 28 July 2017. Then later that day was taken to the vest as she was rubbing the feat on the floor and nobling around her anne, no other problems were reported, the right and gland was full so emptied. 25 July the dog was still agitated and still rubbing her head, they treated with steroids. No more information expected	s Canine/dog		Adwantis Spot-on Solution for Dogs over 10 kg up to 25 kg = InknAn/An/A, An/A. 1 Dose Unknown 1 Animal (28/07/2017-88%-88-Noblaw Enroll Spot 10 kg = 1	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-DEBIAHP-2015UKXXXXX	United Kingdom	Animal			25/11/2015		1 1		R K > N K > N N K N N N N N N N N N N N N	R> Not Known, GRX-GB ×GRX-GR> Not Known, GBX-GB ×GRX-GBX-GBR Not Known, GBX-GB ×GBX-GBR Not Known, GBX-GR Not Known	creativini, Increased bothorygmus, Benal degeneration, Ansemia degeneration, Ansemia both, Secucion (Sois, Arrhythmia, Recu mbency, Urinary bladder disorder NOSD-Spanea, Increative respiratory rate. Death by eura	Not Known	Recumbency, shaking and annexial a days after start of Metacam and concurrent antibiotic administration for the treatment of suspected cystils. Mightiss, darg aums, startypnoea, arrhythmia, borboxygmi and pain on bludder palpation noted on examination. Blood tests showed leucocytosis, remain lausfillence, hyperphosphatament and namenia. Dentil disease with an ablosces was also noted in the mouth. Treated with fluids and antibiotics leading to improvement but oedems of the chest an abdomen noted with rales noted. Dyposo also that the same day when walking. Treated with fruendis Ultrasound showed small kidneys with loss of normal architecture. Euthanasis 3 days after start of adverse event. The dig hab deen vaccutated with Nobivac DisP, L4 and KC 10 days prior to adverse event and Nobivac Rables 2 months prior.	Crossbred		Metacam 1.5 mg/ml Grai Suppension for Dogs - 1.1,1 Days, 9.0,1 mg/kg 1 Day(s) 1 Animal (4 Day(s) 02/12/0515-08F-v8D6 Not DIP- 16/12/2015)-08F-v8B-NobNot CIP- 14/NA/N,2 AJMA [23/12/0515-08F-v8B-NobNot KC- 25/11/2015-8B-v8B-NobNot KC- 25/11/2015-8B-v8B-NobNot KC- 25/11/2015-98F-v8B-NobNot KC- 25/11/2015-98F-v8B-NobNot KC- 25/11/2015-98F-v8B-NobNot Rebers - 100-100-100-100-100-100-100-100-100-1	No assessment performed	
NOBIVAC L4	GB-DEBIAHP-2016UXXXX440	United Kingdom	Animal	Canine/dog	3.2 Month(s)	20/05/2016	03/06/2016	1 1	0 25/C	R < B	NO, <br-vbr-vb, k-vbr-vbr-vbr-vbr-vbr-vbr-vbr-vbr-vbr-vbr<="" td=""><td>rsjection site lump</td><td>No Data</td><td>Injection site lump within 24 hours of administration of metacam and synulos. Had also been vaccinated 4 days prior to this. Recovery within 9 days. Nothing further.</td><td>Crossbred</td><td></td><td>Metacam 5 mg/ml Solution for injection for Days and Cats - 1.8JN/AN/A, 5.0.18 mg/lig1 Annimal (L BWyl) 24/05/2018-08-08-08-08-08-08-08-08-08-08-08-08-08</td><td>O1 - Inconclusive</td><td>rijection site lumps known to occur following vaccination; multiple products used.</td></br-vbr-vb,>	rsjection site lump	No Data	Injection site lump within 24 hours of administration of metacam and synulos. Had also been vaccinated 4 days prior to this. Recovery within 9 days. Nothing further.	Crossbred		Metacam 5 mg/ml Solution for injection for Days and Cats - 1.8JN/AN/A, 5.0.18 mg/lig1 Annimal (L BWyl) 24/05/2018-08-08-08-08-08-08-08-08-08-08-08-08-08	O1 - Inconclusive	rijection site lumps known to occur following vaccination; multiple products used.

NOBIVAC L4 GB-DEBIAHP-2016UK01162	United Animal Kingdom	Canine/dog 6.5 Year(s)		1 1		Not Known, SBR>BR ×BR>BR>BR Not Known, SBR>BR ×BR>BR ×BR>BR Yes, SBR>BR Not Known	Lack of efficacy	Not Known	The attending vet reports that this 6.5 year old neutered male Black Labrador Retriever Crossbreed dog, weighing 22.4 kg and in good condition, received Pexion 400 mg tablets for seitures. The dog was Retrieve having one seiture ye week in reb-Mar2(5), but blood test results were urremarkable, so Pexion was started at a 400 mg (12.3 mg/kg) dose twice daily on 146p/2015. Rectal diazepam tubes to be used at home were also given if needed (unknown af actually used). The dog had a good response to Pexion and no further seitures were reported as of Dec.2015. On 30Mar2(1016 the dog was back to having one seiture a week, so the Pexion dose was increased to 1.5 tables (600 mg, 18.5 mg/kg) twice daily. In Sep2016 the dog had good seiture avered, so the Pexion dose was increased to 1.5 tables (600 mg, 18.7 mg/kg) twice daily. In Sep2016 the dog had good seiture control, but in Nov2016 the dog had good seiture, and clusters approximately every 2.3 weeks (14 cacholo dise was increased on 15Nov2016 to 800 mg (24.7 mg/kg) twice daily. The dog had secondard on 05Nov2016 to with kernel cough (best puess) and follows L4 suspension for injection for dogs, and started on keppn at a 750 mg (23.1 mg/kg) dose three times daily as the vet fet flat seiture control was inadequated (the dogs is still having clusters approximately every 2.3 weeks). The dog had seitures on 11,13,140ec2016 and the vet is now looking to add in another auticulatery date.	rer	Nobivac KC - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	performed	
NOBIVAC L4 GB-DEBIANP-2015UK01178	United Animal Kingdom	Canine/dog 8.4 Year(s)			0 27/12/2016	Known, GB-GBR -GBB-GBR-GBR-Not Known, GBR-GBR-GBR-Not Known	Lack of efficacy,Ataxia	Not Known	The attending vet reports that this male 'rorkshire Terrier dog, reproductive status unknown but Vorshire versiging 5.6 kg and in good contidion, received Peasion 300 mg tablets for dog for several years (presumed from 2013) for partial seizures/tremors (so MRI scan done). The dog's seizures had never been particularly veid controlled, has had cluster seizures. Frost seizure frequency and nature not available, seizuring every 6 weeks at the time of reporting. The dog was at the maximum dose, 27 mg/kg (presumed vice daily), so vei booling to add in another ant-epileptic dug; 14 ho dog had 5 righthen in the past for around 1 week - done (best guess) and dates unavailable (presumed prior 10 Peacin). The dog was also received suitings and velocity and so that the service of the control of the dog was also received suitings and velocity and unknown dose stat dates. Follow up necessed 15aia/0217. The attending vet reports that this 8 year and 5 month old intact make dog had a 6 month history of partial seleurs – epidose involved termors, sometimes unitated/passed faces, was status then dazed afterwards. The dog had 3 4 epidodes of this in 2 week. Bloods normal and no further beneal to 20 mg to 12 mg/kg livine daily. The selection of 20 mg (12 mg/kg livine daily) and gas tepicher for 5 elseys. 15 mg/kg livine daily. Since time between lumi015 and for of 5 elseys. 15 mg/kg livine daily. Since time between lumi015 and for 0 mg and the dog fine fine fine selection of 10 mg and the dog stated seizuring every 2 weeks, so increased the dose back to 15 mg melve daily. In luminosis of 10 mg and the dog stated seizuring every 2 weeks, so increased the dose back to 15 mg melve daily, in lui015 the dog was shaving around 1 seizure per month so added Stullaga and Valerian (doors unknown) as wenter better control in 40 mg/kg livine daily, on 61 mg/kg livine daily, on 61 mg/kg livine daily, on 61 mg/kg livine daily on 61 mg/kg livine daily, on 61 mg/kg li		Epiphen 30 mg Tablets - 2.324 m/hg 12 hours) 1 Animal (1 Week(s) 0.10/12/031) Animal (1 Week(s) 0.10/12/031) - 4.01 min (1 Week(s) 0.11/12/031) - 4.01 min (No assessment performed	
NOBIVAC L4 GB-DEBIANP-2017UK00256	United Animal Kingdom	Canine/dog 9 Year(s)	01/03/2017 23/0	1 1	16/03/2017	Known, BR > BR>BR>BR> Not Known, BR > BR>BR> No	Leucopenia, Low platelet count, Leucoponia, Devated creatine-Minase (CKO, Neutropenia-Neutrophilia, Eye disorder NOS (for photophoba see meurological), Selferis, Parling, Dec asset appetite, Third eyeld proplace, Mind India atoxia, Physregyczemia, Elevated obte acids		The attending vet reports that this 9 year old neutered male Cocker Spaniel Gog, weighing 20 kg and of a function without proceeded presion 2001 galabets for a head termon. In 2015 at the annual bootst consultation, the owner mentioned that the dog was having head termon for a few weeks, but a work upwas declined. On Oldhar 2017 the dog band ats annual bootst varceine (holdwar DPP) and Lel 3. The owner mentioned that head tremons were more frequent, but again declined a work up. There was no blood test or Mist carried out. The dog started on Pexision no 2014/2012 at a 200 mg (In gml/gs) dose twice daily, On 13Mar 2017 the owner reports that head tremors were less frequent. On 16Mar 2017 the owner reports and an 1 right of partition, but graw were processed as a time and the dog was occasionally worbly on its hind legs. The vet advised they examine the dog. On 2004/2017 at 0.00 mg on the control of the convert reported as decreased appetite and 1 right of partition but premose were less frequent. On 16Mar 2017 the downer reports a 2nd eyelid prologoed at home and examination and head termons were much improved. The owner reports a 3rd eyelid prologoed at home and examination and head termons were much improved. The owner reports a 3rd eyelid prologoed at home and certainst history as 15-15, metrophysis were 94% and platetests were 6 (pormal is 200-500, Bischemistry was obner glucose was 6.4 (pormal is 3.5-6, bisl acids were 1.6 kg moral is less than 10 and rectainste history as 394 (pormal is 3.7-30), Biodics repeated 3 days later on 3200 common the moral confirmation the homeocytopenia: whee blood cell count was 6.0 mg as 1800 common the 100 c		Nobiac DHPPI - N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN		
NOBIVAC L4 GB-DEBIAHP-2017UK00305	United Animal Kingdom	Canine/dog 6.5 Year(s)	01/11/2016 10/0	1 1	0 01/11/2016	Not Known, BR>BR> Not Known, BR> Not Known, BR> Not Known, BR> Not Known, BR> Not Known, BR> Not Known Not Known Not Known	Lack of efficacy	Not Known	The attending set reports that this 6.5 year old meatered femals Staffordship Bull Terrier day, weighted Stafford and Stag and ingo doct ondthon, received Person 4.00 reg latables for suspected idopative pielpey. The first abull Tern set reported on 12 #201016. A blood sample was taken on 07Mar 2016 and the results were all fire. No per-terrentnes stature frequency is available and not Miv tax done. The old pastered Pexion at a 200 mg [1.1 mg/kg] dose twice daily on 05Mar 2016. Sometime before or on 05Mar 2016 the Pexion dose was increased to 0.00 mg [2.2 mg/kg] whice daily. Ap offer exponse was reported finishly but in Nov2016 there were mentions of the dig having saltures every 10 - 14 days. On 05Mar 2017 the dog had 9 seizures to selept first reported cluster. The vet is looking to dail of an other antiepleptic drug. No other medications, but vet mentioned vaccines given in Oct 2015; one dose of Nobhac DHP and 12 then topoged up with one dose of Nobhac L1 in Nov2015. In Nov2016 the dog was given one dose of Nobhac L4.		Nebwac DIPP - NANA/ANA NA/AJAInkowa (1911/1/2015- 01/19/03)5-t8R->-8R->-Nebwac L4 Sapensian for Injection for Dogs- N/ANA/AN/ANA/AJAInkowa (01/11/2016-8R->-8R->-Nebwac Lepto 2 - N/ANA/ANA/ A/AJAInkowa (01/19/2015- 01/11/2016-8R->-8R->-Nebwac Lepto 2 - N/ANA/ANA/ A/AJAInkowa (01/19/2015- 01/11/2015-8R->-Pesh-Pesh-Pesh-Pesh-Pesh-Pesh-Pesh-Pesh	No assessment performed	

NOBIVAC LA	GB-DEBIAHP-2017UK00428	United	Animal	Canine/dog	8.6 Year(s)	19/02/2014	30/05/2017	1 ,	1 11.	N K K S N K K S N K K S N N N K K S N N N K K S N N N K K S N N N K K S N N N K K S N N N K K S N N N K K S N N N K K S N N N N	NOOT (NOOMY-CBR->GBR->BR->GBR->BR->GBR->GBR->GBR->GBR	euthanasia,Decreased body	Known	This & G year old, neutrend male Boxer dog, weighing 36 is lig and of unknown condition, underwent a ProBNP test in Ecol 2015. The MAN contracted the practice for routine follow-up and received the following clinical history: On 17Jan/2012 the dog had a mass cell tumour on its ventral chest. On 18Jan/2012 the tumour was removed and the dog was yelve hetecam S mg/ml soulution for rejection a 1 a 1.2 mil (0.15 mg/kg) dose, Binnoxyl at a 0.3 mil dose and Noroclav at a 500 mg (13.7 mg/kg) dose twce daily for a 5dyr. The 6d ogs is started on Metacam 1.5 mg/ml coal suspension at a 3 12 kg (0.07 mg/kg) dose once daily from 20Jan/2012. Histology result from tumour mast cell tumour (gade 2) wit complete action fleely to provide large errin remission and new masses may appear at 30fferent Metacam 1.5 mg/ml coal suspension at 3 12 kg (0.07 mg/kg) dose once daily from 20Jan/2012. Histology result from tumour mast cell tumour (gade 2) wit complete actions fleely to provide large errin remission and new masses may appear at 30fferent Materiam oral had been given for 2 days. The dog's temperature was 38.1 and the viound was residence of the complete action or 10 kg of 10 kg mg/kg dose twice daily for 3 days and threepin at 3 s mil dose twice daily for 3 days, and flavor of 10 kg mg/kg dose twice daily for 3 days and threepin at 3 s mil dose twice daily for 3 days, and 30 kg viound of 10 kg mg/kg dose twice daily for 3 days and flavor days of 10 kg viound of 10 kg mg/kg dose twice daily for 3 days and days for 3 days and flavor of 10 kg viound of 10 kg viound of 10 kg viound of 10 kg viound 10	e	36.6	Bimony LA, 150 mg/ml Annoxicilin, suspension for injection - 3.N/AN/A, 10.0.3 ml 1 Animal (1 Dayls) 13/01/2012 T/104/2013/eBR-8BB-8arvecto 09.000 mg Chewable Tablets for Dogs 72.3.N/AN/A, 20.2.3 mg/mg 1 Animal (1 Dayls) 24/01/2015-BBLSCOSPA 09.000 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m	No assessment performed	
	GB-FRMERIAL-15UK001000	United Kingdom	Animal	Canine/dog	3 Month(s)	29/09/2015		1 1		R	Yes, <b R> >BR>Not Known</b 	Restlessness, Increased heart rate, Diarrhoea, Vomiting, Increased respiratory rate, Urticarial erythema, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Depression	Not Known	Restlessness 8 to 10 hours post concurrent vaccination and administration of Newgard Spectra. This was followed by urticated for baddome, helping and anionizable neet day. On examination the ven noted generalized erythems, tuchycards and suchyprose. Treated with corticosteroids. Emesis and distributes the next day. Treated with fluids and antihistamines.	Golden et Retriever		Nexgard Spectra 37.5 mg / 7.5 mg Chewable Tablets for Dogs - 1,N/AN/A 24, dosage form (1 Day(s) 29/09/2015- 29/09/2015/sBR>-BR>Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A, 24,Unknown (29/09/2015-29/09/2015)-BR>-SBP>	B - Possible	Close time association, some of the signs are unrespected and 2 products administered concurrently.
	GB-NAH-UK201408899	United Kingdom	Arimal	Canine/dog	7 Year(s)		08/03/2014	1	1 0 01,	R K S S S S S S S S S S S S S S S S S S	NOGBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-V		Not Known	Gingwal hyperplasia 11 months after stant of administration of lower dose than recommended. Applica was continued when the dog was vocariated. The dose of Atopica was reduced due to the gingloal hyperplasia. Ottise setema and lip fold pyodeman noted 3 months later, therefore a suspected lack of efficacy. Treated by increase in Atopica dose and administration of Cefouchi. Hydrocortisons spray was started to be used the following year. A benign follicular neoplasm was removed 2 months later. Coughing noted 3 months later leading to pulmonary haemorrhage. Following tests a diagnosis of bacterial pneumonia was reached. Treated with antibiotics.	West Highland White Terrier	8.2	Aspoka 25 mg Soft Capsules for Dogs - 25.1,10 aya,3.1 capsules (1) Dogs - 25.1,10 aya,3.1 capsules (1) Dolly (12,14 Months) (1) d4/05/2010-240/1/2014-88-RS-Comments 30 mg/ml Powder and Solvent for Solution for Injection for Dogs and Cats - 1,3/k,N/A, 24,1 Dose Three times (270 Doys) (10/5/2010-29/05/2012)-888888-Contravance 20/05/2012)-888888-Contravance 20/05/2012)-888888-Contravance 21/05/2012-888888-Contravance 21/05/2012-888888-Contravance 21/05/2012-888888-Noblava C 10-13/4/N-A/2-88888-Noblava C 10-13/4/N-A/2-888888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/N-A/2-888-888-Noblava C 10-13/4/	No assessment performed	
	GB-NAH-UK201403147	United Kingdom	Animal	Canine/dog	2 Year(s)	12/09/2014	13/10/2014	1		> Y	Not Known,
 ></br 	Haemorrhagic diarrhoea,Emesis,Dehydration,Abn ormal test result,Elevated liver enzymes,Hypokalemic condition,Hypoproteinaemia	Not Known	Haemorrhage cliarrhosa and emesis started on the same day as the start of Onsion administration and 48 hours port vaccination. Dehydration, elevated liver enzymes, hyponatraemia, hypoproteinaemia and hypotalaemia 2 days later. Treated with fluids, ranktoline, metodopramide and Maropitant. Faces cample was positive for Clostridium perfiringens on PCR but negative for parvovirus, coronavirus and Salmonella.	Retriever	29.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Once (1 Days) 12/09/2014-12/09/2014/-8R>-CBR>-Onsior 40 mg Tablets for Dogs - 1,1,1 Days, 24,1 Tablet Daily (3 Days) 14/09/2014-16/09/2014/-BR>-CBR>	O - Unclassifiable/unassessa ble	Close time association, signs are more consistent with NSAID administration but vaccine role cannot be ruled out.
NOBIVAC L4	GB-NLINTVINT-2013-UK-02502	United Kingdom	Human	Human	40 Year(s)	01/08/2013	01/08/2013	1 1	1 0 01,	/08/2013 N	Not Known	Bruising	Not Known	Needle stick injury. The needle went all the way through her thumb into the soft tissue not the joint (unknown which hand), unknown if was a dirty needle. Thumb was slightly bruised, has been cleaned.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,10 		
NOBIVAC L4	GB-NLINTVINT-2013-UK-02796	United Kingdom	Animal	Canine/dog	2 Year(s)	29/08/2013	02/09/2013	1 1		R	No, <b R> Not Known</b 	Pain NOS,Abnormal test result,Diarrhoea,Haemorrhagic diarrhoea,Vomiting,Joint oedema,Joint stiffness	Not Known	Diarrhoea within 12 hours of vaccination. 3 days after vaccination developed emesis, haemorrhagic diarrhoea stiff joints, joint oedema and joint pain. Blood tests revealed increased ionised calcium.	Dobermann	46	Nobivac KC4,N/A,N/A,10,0.4 ml (29/08/2013- 29/08/2013)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (29/08/2013- 29/08/2013)-BR> 	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2013-UK-02936	United Kingdom	Animal	Canine/dog	8 Year(s)	05/09/2013	22/10/2013	1	1 1 05,		Yes, <b R> >Yes</b 	Circulatory shock,Adrenal gland disorder NOS,Death,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Abdominal cavity haemorrhage	No Data	Lethargy and anonexia within 12 hours of vaccination, lethargy continue for 5 days then she appeared to improve but died the next day. Post mortem revealed Masses in the adrenal glands and abdominal carity hæmorrhage. Vaccine reaction is unlikely, histopathology confirmed a pheochromocytoma in the adrenal gland and a mammary mass.	Crossbred	22.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (05/09/2013- CS/09/2013\-RR>< BR>\obvious L4 Suspension for Injection for Dogs-1,N/A,N/A,10,1 ml (05/09/2013-05/09/2013\-BR>< BR>	N - Unlikely	
	GB-NLINTVINT-2013-UK-03057	United Kingdom	Animal	Canine/dog	7 Year(s)	24/08/2013	23/09/2013	1 1		R	Yes, <b R>BR>Yes</b 	Unable to stand,Lethargy (see also Central nervous system depression in 'Neurological')		Lethargy and ataxia within 1 hour post vaccination. No reaction following 2nd dosage 1 month later.	Standard Poodle	5.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/08/2013- 24/08/2013\cBR> Nobivac Pi- 1,N/A,N/A,10,1 ml (24/08/2013- 24/08/2013\cBR> 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03197	United Kingdom	Animal	Canine/dog	14 Month(s)	13/09/2013	02/10/2013	1 1	1 0 15,	/09/2013 Y R	Yes, <b R> >Yes</b 	Leucocytosis,Tachycardia,Pale mucous membrane,Flaccid paralysis,Decreased appetite,Listless,Incoordination,Ele vated liver enzymes,Elevated ALT	No Data	Lethargy and flaccid paralysis 2 days post vaccination. Improvement within 3 hours but still had ataxia pale mucrous membrane and tachycarda. Anorexia reported the following day. Blood tests showed leucocytosis and hepatopathy. Recovery 1 week later.	, Other Canine/dog	14.95	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/09/2013- 13/09/2013) BR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	

NOBIVAC L4		United Kingdom	Animal	Canine/dog	8.7 Year(s)	11/09/2013	23/10/2013	1 1		/2013 Yes	Restlessness, Anaemia NOS, Thrombocytopenia, Low platelet count, Leucocytosis, Leucopenia, Ly mphopenia, Neutrophilia, Tachycan a, Pale mucuous membrane, Destina to eutranasia, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Splee hypertrophy	No Data di y	Lethurg within 24 hours of vaccination and appeared hyperactive that night. Anorexia, tach/purafia, splenomegal, pale mucous membranes the following day, blood tests revealed thrombocytopenia, anaemia, lymphopenia, neutrophilia, leucocytosis. Treatment with prednisolone was started, did not improve with steroids or transfusiou intrasound was non diagnostic, and the dog was euthanased. No post mortem performed. Metacam given concurrently.	Golden Retriever	32.5	Noblact L4 Supersion for Injection for Dogs - 1,N/A),10,1 ml (11/09/2013-11/09/2013)-8R><8R>	O1 - Inconclusive	
	GB-NLINTVINT-2013-UK-03258	United Kingdom	Animal		11 Week(s)		12/12/2013	1 1		/2013 No, < R>BR> <br BR> BR> N</br 	NNo, membrane, Pancreas **sac disorder, Vomiting, Death, Inappetet t ce, Lethargy (see also Central nervous system depression in Neurological'), Blood in facees, Dehydration, Abnormal test result, Elevated liver enzymes, Urin abnormalities NOS, Abnormal stool colouration, Elevated ALT	Not Known	Emesis, anorexia, dark urine and blood in faeces 8 days post 7 and dose vaccination. Lethargy, dehydration, pale mousis membranes, anaemia and hepatharty 2 days later. Referred and treated with blood transfusion. Ultrasound showed pancreatitis. Death 2 weeks post 2nd dose vaccination despite treatment.	Labrador Retriever	8	Nobivac DHPPI - 1,N/AN/A_24,1 Dose (19/09/2013- 19/09/2013+cBR->cBR-Nobivac KC- 1,N/AN/A_24,1 Dose (19/09/2013- 19/09/2013)+cBR->cBR-Nobivac LG Suspension for injection for Dogs- 1,N/AN/A_1,0 m (002/09/2013- 02/09/2013)-cBR->cBR->	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03264	United Kingdom	Animal	Canine/dog	3.5 Year(s)	01/10/2013	07/10/2013	1 1	. 0 01/1	/2013 Yes	Diarrhoea, Head tilt - ear disorder, Fit, Nystagmus, Rigidity of limbs, Incoordination	No Data	Convulsions and head tilt within 24 hours post vaccination. Nystagmus and hypertonia noted 2 days later followed by diarrhoea and ataxia 5 days after this. The dog had a history of syringomyelia.	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/10/2013-01/10/2013) BR> 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03325	United Kingdom	Animal	Canine/dog	1 Year(s)	07/10/2013	11/10/2013	1 1	0 07/1	//2013 Yes, < R> <b< td=""><td></td><td>No Data</td><td>Allergic cedema of the face and rhintlis within 30 minutes post vaccination. Recovery 24 hours later following corticosteroid administration.</td><td>Pug</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (07/10/2013- 07/10/2013) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/10/2013- 07/10/2013) </td><td>B - Possible</td><td></td></b<>		No Data	Allergic cedema of the face and rhintlis within 30 minutes post vaccination. Recovery 24 hours later following corticosteroid administration.	Pug	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (07/10/2013- 07/10/2013) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/10/2013- 07/10/2013) 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03352	United Kingdom	Animal	Canine/dog	15 Month(s)	09/10/2013	14/10/2013	1 1	0 11/1	//2013 Yes, < R> <b< td=""><td>R><b allergic="" reaction<br="">>Yes</td><td>No Data</td><td>Hypersentitivity reaction (no further details available) 2 days post vaccination. Recovery following steroid administration.</td><td>Other Canine/dog</td><td>23.3</td><td>07/10/2013/sBR>-SR>- NA Nobivac KC - 4,N/A,N/A,10,0.4 ml (09/10/2013- 09/10/2013/sBR>-SR>-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (09/10/2013- 09/10/2013/sBR>-SR></td><td>O1 - Inconclusive</td><td></td></b<>	R> <b allergic="" reaction<br="">>Yes	No Data	Hypersentitivity reaction (no further details available) 2 days post vaccination. Recovery following steroid administration.	Other Canine/dog	23.3	07/10/2013/sBR>-SR>- NA Nobivac KC - 4,N/A,N/A,10,0.4 ml (09/10/2013- 09/10/2013/sBR>-SR>-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (09/10/2013- 09/10/2013/sBR>-SR>	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03372	United Kingdom	Animal	Canine/dog	8 Week(s)	25/09/2013	16/10/2013	1 1	1 04/1	//2013 Yes, < R> <b< td=""><td>R><b a<="" by="" diarrhoea,death="" euthanasia,anorexia,hypoglycaem="" td=""><td>No Data</td><td>Olarmoea, ancrexia and hypoglycaemia 9 days post vaccination. Euthanasia 1 week later. No PME carried out. PCR positive for parvovirus but unknown if field or vaccinal strain.</td><td>Shih Tzu</td><td>Not Known</td><td>Nobivac DHPPi - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR></td><td>O - Unclassifiable/unassessa ble</td><td></td></td></b<>	R> <b a<="" by="" diarrhoea,death="" euthanasia,anorexia,hypoglycaem="" td=""><td>No Data</td><td>Olarmoea, ancrexia and hypoglycaemia 9 days post vaccination. Euthanasia 1 week later. No PME carried out. PCR positive for parvovirus but unknown if field or vaccinal strain.</td><td>Shih Tzu</td><td>Not Known</td><td>Nobivac DHPPi - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR></td><td>O - Unclassifiable/unassessa ble</td><td></td>	No Data	Olarmoea, ancrexia and hypoglycaemia 9 days post vaccination. Euthanasia 1 week later. No PME carried out. PCR positive for parvovirus but unknown if field or vaccinal strain.	Shih Tzu	Not Known	Nobivac DHPPi - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/09/2013- 25/09/2013)-BR>-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03386	United Kingdom	Animal	Canine/dog	4 Year(s)	15/10/2013	16/10/2013	1 1	0 15/1	//2013 Yes, < R> <b< td=""><td></td><td>No Data</td><td>Lethurgy and tachycardia within half an hour of vaccination. Received PI and Lepto 2 last year with no adverse event.</td><td>Not Applicabl</td><td>4.5</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (15/10/2013- 15/10/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/10/2013- 15/10/2013)-BR>-SR></td><td>B - Possible</td><td></td></b<>		No Data	Lethurgy and tachycardia within half an hour of vaccination. Received PI and Lepto 2 last year with no adverse event.	Not Applicabl	4.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (15/10/2013- 15/10/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/10/2013- 15/10/2013)-BR>-SR>	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2013-UK-03450	United Kingdom	Animal	Canine/dog	14 Week(s)	21/10/2013	22/10/2013	1 1	0 21/1	//2013 No, <br≫ R≫BR≫B</br≫ 	k> <b and<br="" breathing,tracheal="" laboured="">laryngeal disorder NOS,Pale mucous membrane,Facial swelling (see also 'Skin'),Cyanosis	Other	Allergic oedema of the face and muzzle, laryngeal noise, dyspnoea, pale mucous membranes and cyanosis within 1 hour post vuccination. Recovery within 24 hours following corticosteroid and antihistamine administration.	Shih Tzu	Not Known	Nobivac DHPPi - 1,N/A,N/A, 24,1 Dose (21/10/2013- 21/10/2013)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (21/10/2013- 21/10/2013)-BR> 	B - Possible	
	GB-NUNTVINT-2013-UK-03772	United Kingdom	Animal	Canine/dog		05/11/2013		1 1		/2013 Not Known, <br Yes</br </b 	BR> Central nervous system depression in 'Neurologica'), Off colour, 'Pyrexia, Weight loss, Ahnormal test result, Hypoalbuminaemia, Elevatec liver enzymes, Hyperphosphataemia, Inje- ction site mass, Injection site abscess, Injection site abscess, Injection site inflammation, onaemia NOS	O I	Injection site reaction, malsials and anonesia 2 days after vaccination. Fine needle aspirate was performed and the fluid has been sent away. 7 days later the mass was larger and the dog developed hyperthermia, it was placed on IV fluids and given symptomatic treatment, blood tests consistent with inflammation.	Shih Tzu	Not Known	Noblac KC - 1N/AN/A, 24,1 Dose (05/11/2013)-BR>-3R>-Mobivac L4 Suspersion for Injection for Dogs -1,N/AN/A, 10,1 m (05/11/2013)- 05/11/2013)-BR>-3RP	B - Possible	
	GB-NLINTVINT-2013-UK-03799	United Kingdom	Animal	Canine/dog	5 Year(s)	13/11/2013	14/11/2013	1 1		/2013 No, < R> <b BR> N</b 	o-No, system depression in "Neurological", Localised oedema (not application site), Hypoalbuminaemia, Proteinuri a	Other	Oedems of the distal limbs, hypoalbuminaemia, lethargy and proteinuria within 12 hours post vaccination. The dog had a history of kidney disease and auto-immune disease.	Boxer (German Boxer)	30.1	(13/11/2013- 13/11/2013-BR> Nobivac KC - AN/A,N/A, 1.0,0.4 ml (13/11/2013- 13/11/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/11/2013- 13/11/2013)-BR>-BR>	O1 - Inconclusive	
	GB-NLINTVINT-2013-UK-03871	United Kingdom	Animal	Canine/dog	3 Year(s)	18/11/2013	19/11/2013	1 1		/2013 No, < R> <b< td=""><td>-Yes</td><td>No Data</td><td>Staking head up and down and chattering teeth 24 hours after vaccination.</td><td>Staffordshire Bull Terrier</td><td>21</td><td>Nobivac DHP - 1,N/A,N/A, 24,1 Dose (18/11/2013- 18/11/2013) BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (18/11/2013- 18/11/2013) </br></td><td></td><td></td></b<>	-Yes	No Data	Staking head up and down and chattering teeth 24 hours after vaccination.	Staffordshire Bull Terrier	21	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (18/11/2013- 18/11/2013) BR> Nobivac L4 Suspension for Injection for Dogs - 		
	GB-NLINTVINT-2013-UK-03874	United Kingdom	Animal	Canine/dog		30/08/2013	19/11/2013	1 1		R> <b< td=""><td></td><td>Other</td><td>Increase in frequency of epileptic seizures 5 days post vaccination. Euthanasia. The dog was on concurrent Epiphen.</td><td>German Shepherd Dog</td><td>Not Known</td><td>Nobivac DHPPi - 1,N/A,N/A,10,1 ml (30/08/2013- 30/08/2013) BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (30/08/2013- 30/08/2013\cdot BR> </br></td><td></td><td></td></b<>		Other	Increase in frequency of epileptic seizures 5 days post vaccination. Euthanasia. The dog was on concurrent Epiphen.	German Shepherd Dog	Not Known	Nobivac DHPPi - 1,N/A,N/A,10,1 ml (30/08/2013- 30/08/2013) BR> Nobivac L4 Suspension for Injection for Dogs - 		
NOBIVAC L4	GB-NLINTVINT-2013-UK-03914	United Kingdom	Animal	Canine/dog	6 Month(s)	17/10/2013	22/11/2013	1 1	0 30/1	No, < R> <b< td=""><td></td><td>No Data</td><td>Emeis and diarrhoea 13 days after vaccination. Xrays and ultrasiound demonstrated mild thickening of the intestinal wall. Treated with antibiotics and ranitidine, owner reports that the dog improves and declines.</td><td>f Golden Retriever</td><td>Not Known</td><td>Nobivac KC - 1,N/A,N/A,24,1 Dose (17/10/2013- 17/10/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (17/10/2013- 17/10/2013)-BR>-BR></td><td>O1 - Inconclusive</td><td></td></b<>		No Data	Emeis and diarrhoea 13 days after vaccination. Xrays and ultrasiound demonstrated mild thickening of the intestinal wall. Treated with antibiotics and ranitidine, owner reports that the dog improves and declines.	f Golden Retriever	Not Known	Nobivac KC - 1,N/A,N/A,24,1 Dose (17/10/2013- 17/10/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (17/10/2013- 17/10/2013)-BR>-BR>	O1 - Inconclusive	

NOBIVAC L4	GB-NLINTVINT-2013-UK-03928	United	Animal	Feline/cat	6 Year(s)	18/10/2013	25/11/2013	1 1	1	23/10/2013	No, <b< td=""><td>Anorexia,Decreased</td><td>Other</td><td>Given L4 in error, then given Ducat, FeLV and milbemax, presented 26 days later, owner reported</td><td>Not Applicable</td><td>5.25</td><td>Nobivac Ducat - 1,N/A,N/A ,24,1</td><td>N - Unlikely</td><td></td></b<>	Anorexia,Decreased	Other	Given L4 in error, then given Ducat, FeLV and milbemax, presented 26 days later, owner reported	Not Applicable	5.25	Nobivac Ducat - 1,N/A,N/A ,24,1	N - Unlikely	
		Kingdom									R> No,	appetite,Hypothermia,Lethargy		malaise, occasional vomiting, reduced appetite and lethargy. On exam had pyrexia tachycardia,			Dose (18/10/2013-		
											 <	(see also Central nervous system depression in 'Neurological'),Off		treated with NSAIDs and antibiotics, the following day the cat had a normal temperature. 9 days later cat was anorexic, lethargic, dehydrated, tachycardic and tachypnoeic with a painful abdomen. Blood			18/10/2013) Nobivac FeLV, Suspension for Injection for		
											BR> No	depression in 'Neurological'),Off colour.Ascites.Pyrexia.Dehydration.		cat was anorexic, letnargic, denydrated, tachycardic and tachyphoeic with a painful abdomen. Blood tests revealed increased FPLi, increased amvlase, increased urea, increased glucose, increased White			Cats - 1,N/A,N/A ,24,1 Dose		
												Dry mucous membrane Abnormal		blood cells and reduced sodium. Diagnosis of pancreatitis made. Ascites 3 days later, exploratory			(18/10/2013-		
												test		laparotomy performed and masses seen in the small jejunum and ileum with metastasis in the			18/10/2013 - 18/10/2013 CRR>< RR> Nobiyar I 4		
												result,Bloated,Pancreatitis,Metasta		omentum and stomach. Euthanasia whilst under GA.			Suspension for Injection for Dogs -		
												tic		omentum und stomatin. Editionatio Willist dract Gr.			1.N/A.N/A .24.1 Dose (18/10/2013-		
												tumour, Hyperglycaemia, Elevated					18/10/2013) 		
												BUN,Behavioural disorder							
												NOS,Leucocytosis,Neutrophilia,Tac							
												hycardia,Abdominal cavity disorder							
												NOS,Abdominal							
												pain,Drooling,Digestive tract							
												neoplasm							
												NOS,Vomiting,Adipsia,Tachypnoea,							
NOBIVAC L4	GB-NLINTVINT-2013-UK-04024	United	Animal	Canine/dog	10 Year(s)	27/09/2013	29/11/2013	1 1	. 2	02/10/2013	Yes, <b< td=""><td>Deafness,Blindness,Death by</td><td>No Data</td><td>Blindness and dullness 5 days post vaccination. Euthanasia the next day. No PME carried out. The dog</td><td>Yorkshire</td><td>Not</td><td>Nobivac DHP - 1,N/A,N/A,24,1 Dose</td><td>O1 - Inconclusive</td><td></td></b<>	Deafness,Blindness,Death by	No Data	Blindness and dullness 5 days post vaccination. Euthanasia the next day. No PME carried out. The dog	Yorkshire	Not	Nobivac DHP - 1,N/A,N/A,24,1 Dose	O1 - Inconclusive	
		Kingdom									R> Yes	euthanasia		had a history of diabetes mellitus, hypothyroidism and liver pathology.	Terrier	Known	(27/09/2013-		
																	27/09/2013) Nobivac L4		
																	Suspension for Injection for Dogs -		
																	1,N/A,N/A ,24,1 Dose (27/09/2013-		
									_							-	27/09/2013) 		
NOBIVAC L4	GB-NLINTVINT-2013-UK-04029	United Kingdom	Animal	Canine/dog	13 Year(s)	21/10/2013	24/01/2014	1 1	0	25/10/2013	Not Known < RR>< RR	Internal ear disorder,Vestibular disorder NOS,Head tilt - ear	No Data	Vestibular syndrome, nystagmus and head tilt 4 days post vaccination. Ears were inflamed but not infected. Full recovery noted by booster vaccination 4 weeks later. The dog had been treated with	English	Not Known	Canaural Ear Drops, Suspension for Dogs and Cats - N/A,N/A,N/A	O - Unclassifiable/unassessa	
	1	Mukaom		1	1		l		1 1			disorder NOS,Head tilt - ear disorder,Nystagmus		infected. Full recovery noted by booster vaccination 4 weeks later. The dog had been treated with Canaural for otitis externa in both ears 1 week prior to vaccination. The dog was also on concurrent	Springer Spaniel	Anown	Dogs and Cats - N/A,N/A,N/A .N/A.Unknown (14/10/2013-	No	l
1	I		I	1	1		l		1 1		Yes, <b< td=""><td>oracraer,reystagrifUS</td><td>l</td><td>Propalin.</td><td>-paniet</td><td>1</td><td>,N/A,Unknown (14/10/2013- N/A) Nobivac DHP -</td><td>unc.</td><td></td></b<>	oracraer,reystagrifUS	l	Propalin.	-paniet	1	,N/A,Unknown (14/10/2013- N/A) Nobivac DHP -	unc.	
1	I		I	1	1		l		1 1		R> Yes,		l	····	l	1	1,N/A,N/A,10,1 ml (21/10/2013-		
1	1	l		l			l		1 1		 <				l	l	21/10/2013) Nobivac L4		
1	1	l		l			l		1 1		BR> Not				l	l	Suspension for Injection for Dogs -		
1	1	l		l			l		1 1		Known				l	l	1,N/A,N/A ,10,1 ml (21/10/2013-		
1	1	l		1	1		l		1 1						l	1	21/10/2013) Propalin		l
1	1	l		1	1		l		1 1						l	1	Syrup 40 mg/ml Dogs - N/A,N/A,N/A		l
1	1	l		l			l		1 1						l	l	,N/A,unknown (01/01/2013-		
						and the fact			\vdash							l	N/Al <rr><rr></rr></rr>		
NOBIVAC L4	GB-NLINTVINT-2013-UK-04140	United	Animal	Canine/dog	4.5 Year(s)	07/12/2013	18/12/2013	1 1	. 0	07/12/2013	Yes	Pale mucous	No Data	Disorientation, pale mucous membranes and ataxia within 12 hours of vaccination, progressed to have	Crossbred	Not		O1 - Inconclusive	l
1	1	Kingdom		1	1		l		1 1			membrane,Syncope,Ataxia,Disorien tation		syncope when rising on 3 occasions. No problems on ECG. Further episodes seen over the next 3 days, one week later the owner reported that the dog was improving and no further work up was planned.	l	Known	for Dogs - 1,N/A,N/A ,24,1 Dose (07/12/2013-07/12/2013) 		l
												tation		Received L4 and Kennel cough vaccines 1 month earlier.			(07/12/2013-07/12/2013/CBR>CBR>		
NORIVAC 14	GB-NLINTVINT-2013-UK-04182	United	Animal	Canine/dog	Not Known	28/11/2013	10/12/2013	1 1	0	28/11/2013	No, <b< td=""><td>Inappropriate</td><td>No Data</td><td>Defaecation, urination and lethargy within 1 hour post vaccination. Improvement within 5 minutes.</td><td>Not Applicable</td><td>Not</td><td>Nobivac DHP - 1,N/A,N/A ,24,1 Dose</td><td>R - Possible</td><td></td></b<>	Inappropriate	No Data	Defaecation, urination and lethargy within 1 hour post vaccination. Improvement within 5 minutes.	Not Applicable	Not	Nobivac DHP - 1,N/A,N/A ,24,1 Dose	R - Possible	
HODIVAC L4	GD NEWY VINT 2023 ON 04202	Kingdom	Parilli Ci	cumic, dog	NOC KINOWII	10/11/1013	10, 11, 1013	1		20/11/2013		defecation,Inappropriate	NO Data	beforestion, annation and remarks within 2 floor post vaccination. Improvement within 5 minutes.	тос эфрисани	Known	(28/11/2013-	D 1033IDIC	
												urination,Generalised weakness					28/11/2013) Nobivac L4		
												,					Suspension for Injection for Dogs -		
																	1,N/A,N/A ,24,1 Dose (28/11/2013-		
																	28/11/2013\ 		
NOBIVAC L4	GB-NLINTVINT-2013-UK-04201	United	Animal	Canine/dog	4 Month(s)	10/12/2013	18/12/2013	1 1	. 0	10/12/2013	Yes	Depression,Pyrexia,Lymphadenopat	No Data	Lymphadenopathy, hyperthermia and lethargy within 12 hours post vaccination. Blood tests were	Border Terrier		Nobivac L4 Suspension for Injection	O1 - Inconclusive	
		Kingdom										hy,Corneal		unremarkable. Deterioration noted 6 days later. Rhinitis and corneal oedema noted 2 days after this.		Known	for Dogs - 1,N/A,N/A ,24,1 Dose		
												oedema,Snuffle,Hyperthermia		Recovery following antibiotic treatment.			(10/12/2013-10/12/2013) 		
NORWACIA	GB-NLINTVINT-2013-UK-04221	United	Human	Human	24.1/(-)	42/42/2012	17/02/2014			12/12/2013	Net Verse	06		Vet accidentally injected himself into the left thumb just above the distal joint. It is possible that some	Human	Not	Nahi aa la Caraania a faalalaakia		
NOBIVAC L4	GB-NLIN1VIN1-2013-UK-04221	Kingdom	Human	Human	24 Year(s)	12/12/2013	1//02/2014	1 1	. 0	12/12/2013	Not Known	Off colour,Injection site reddening	Not	vet accidentally injected nimself into the left thumb just above the distal joint. It is possible that some product was injected. The area was washed and squeezed and bled when squeezed, there is injection	Human	Known	Nobivac L4 Suspension for Injection for Dogs - ,,,, 		
		Kiliguoiii											KIIOWII	site erythema and the vet reported a feeling of Malaise but this may be due to working on call the		KIIOWII	ioi bogs - ,,,,, car,> car,>		
														previous night. No further information received					
NOBIVAC L4	GB-NLINTVINT-2013-UK-04259	United	Animal	Canine/dog	4 Year(s)	17/12/2013	18/12/2013	1 1	. 0	17/12/2013	No. <b< td=""><td>Inappropriate urination.Balance</td><td>No Data</td><td>Muscle tremor, ataxia, inappropriate urination and hypersensitivity within an hour of vaccination.</td><td>Jack Russell</td><td>7.4</td><td>Nobivac DHP - 1,N/A,N/A ,24,1 Dose</td><td>B - Possible</td><td></td></b<>	Inappropriate urination.Balance	No Data	Muscle tremor, ataxia, inappropriate urination and hypersensitivity within an hour of vaccination.	Jack Russell	7.4	Nobivac DHP - 1,N/A,N/A ,24,1 Dose	B - Possible	
		Kingdom					., ,			, ,	R> Yes,	problem, Hypersensitivity		Resolved within 5 minutes and on vet exam nothing abnormal was detected.	Terrier		(17/12/2013-		
		-									 <	NOS,Ataxia,Twitching,Reduced		-			17/12/2013) Nobivac KC -		
											BR> Yes	responses					1,N/A,N/A ,24,1 Dose (17/12/2013-		
																	17/12/2013) Nobivac L4		
																	Suspension for Injection for Dogs -		
																	1,N/A,N/A ,24,1 Dose (17/12/2013-		
NORWACIA	GB-NLINTVINT-2013-UK-04287	United	Animal	Carles (das	4.3.1//-)	00/12/2012	20/12/2013			47/43/3043	No, <b< td=""><td>Leucocytosis,Joint effusion,Joint</td><td>Other</td><td>Challes and the blad to self-</td><td>Crossbred</td><td>5.05</td><td>17/12/2013) </td><td>D. Desemble</td><td></td></b<>	Leucocytosis,Joint effusion,Joint	Other	Challes and the blad to self-	Crossbred	5.05	17/12/2013) 	D. Desemble	
NUBIVAL L4	GB-NLINTVINT-2013-UK-0428/	Kingdom	Aumitidi	canine/d0g	1.2 rear(S)	09/12/2013	20/12/2013	1 1	0	1//12/2013	NO, <bk><bk><b< td=""><td>stiffness Polyarthritis Off</td><td>Other</td><td>Shaking, malaise, hind leg stiffness and pyrexia 8 days post vaccination. Antibiotics started. Pyrexia, ioint effusion and neck pain 2 days later. Blood tests the next day showed hepatopathy.</td><td>crossurea</td><td>5.05</td><td>Nobivac DHPPi - 1,N/A,N/A ,10,1 ml (09/12/2013-</td><td>p - rossible</td><td></td></b<></bk></bk>	stiffness Polyarthritis Off	Other	Shaking, malaise, hind leg stiffness and pyrexia 8 days post vaccination. Antibiotics started. Pyrexia, ioint effusion and neck pain 2 days later. Blood tests the next day showed hepatopathy.	crossurea	5.05	Nobivac DHPPi - 1,N/A,N/A ,10,1 ml (09/12/2013-	p - rossible	
	1			1	1		l		1 1		 <	colour,Elevated		hyperglycaemia and leucocytosis. Joint tap showed polyarthritis. Weight gain also noted.	l	1	09/12/2013- 09/12/2013\ Nobivac KC -		
	1	l		l			l		1 1		BR> No	temperature,Weight gain,Abnormal			l	l	.4,N/A,N/A ,10,0.4 ml (09/12/2013-		
	1	l		1	1		l		1 1			test result,Elevated liver			l	1	09/12/2013) Nobivac L4		
	1	l		1	1		l		1 1			enzymes,Hyperglycaemia,Shaking,			l	1	Suspension for Injection for Dogs -		
	1	l		l			l		1 1			Musculoskeletal pain, Elevated bile			l	l	1,N/A,N/A ,10,1 ml (09/12/2013-		
	1	l		l			l		1 1			acids			l	l	09/12/2013) 		
—	!			.	 	L									.	-			
NOBIVAC L4	GB-NLINTVINT-2013-UK-04292	United	Animal	Canine/dog	9 Week(s)	16/12/2013	21/01/2014	1 1	1	19/12/2013	No, <b< td=""><td></td><td>Other</td><td>Emesis and diarrhoea 3 days post vaccination. Dehydration noted on examination, treated with</td><td>Labrador</td><td>Not</td><td>Nobivac DHPPi - 1,N/A,N/A ,10,1 ml</td><td>O1 - Inconclusive</td><td></td></b<>		Other	Emesis and diarrhoea 3 days post vaccination. Dehydration noted on examination, treated with	Labrador	Not	Nobivac DHPPi - 1,N/A,N/A ,10,1 ml	O1 - Inconclusive	
1	1	Kingdom		1	1		l		1 1		R> No, <	ethargy (see also Central nervous		Cerenia and Panacur. Lethargy, haemorrhagic diarrhoea, tachycardia, leucocytosis and hepatopathy	Retriever	Known	Once (16/12/2013- 16/12/2013) Nobiyac KC -		
	1	l		l			l		1 1		 < BR> No	system depression in 'Neurological'),Dehydration,Uncod		later the same day. Death the following day. PME was inconclusive but no evidence of parvovirus infection. Faecal sample negative for parvovirus.	l	l	16/12/2013) Nobivac KC - 1,N/A,N/A ,24,1 Dose Once		
	1	l		l			l		1 1		DIT-SBRAND	ed sign,Abnormal test		miccaon, ruccui sample negative for parvovirus.	l	l	(16/12/2013-		
	1	l		1	1		l		1 1			result,Elevated liver			l	1	16/12/2013/ 16/12/2013/ BR> Nobivac L4		l
	1	l		1	1		l		1 1			enzymes,Leucocytosis,Tachycardia,			l	1	Suspension for Injection for Dogs -		l
	1	l		l			l		1 1			Diarrhoea,Bloody			l	l	1,N/A,N/A ,10,1 ml Once		
	1	l		l			l		1 1			diarrhoea,Vomiting			l	l	(16/12/2013-16/12/2013) 		
	ļ						ļ												
NOBIVAC L4	GB-NLINTVINT-2013-UK-04299	United	Animal	Canine/dog	11 Year(s)	14/12/2013	23/12/2013	1 1	0	15/12/2013	No, <b< td=""><td>Diarrhoea, Vomiting, Anorexia, Pancr</td><td>No Data</td><td>Emesis, diarrhoea and anorexia 24 hours post vaccination. Snap test positive for pancreatitis.</td><td>West Highland</td><td></td><td>Nobivac DHP - 1,N/A,N/A ,24,1 Dose</td><td>B - Possible</td><td>l</td></b<>	Diarrhoea, Vomiting, Anorexia, Pancr	No Data	Emesis, diarrhoea and anorexia 24 hours post vaccination. Snap test positive for pancreatitis.	West Highland		Nobivac DHP - 1,N/A,N/A ,24,1 Dose	B - Possible	l
1	1	Kingdom		l			l		1 1		R> Yes	eatitis		Improvement following supportive treatment.	White Terrier	Known	(14/12/2013-		
1	1	l		l			l]]						l	l	14/12/2013) Nobivac L4 Suspension for Injection for Dogs -		
1	1	l		1	1		l		1 1						l	1	Suspension for Injection for Dogs - 1.N/A.N/A .24.1 Dose (14/12/2013-		l
	1	l		1	1		l		1 1						l	1	1,N/A,N/A ,24,1 Dose (14/12/2013- 14/12/2013) 		l
NOBIVAC 14	GB-NLINTVINT-2014-UK-00012	United	Animal	Canine/dog	7 Year(s)	14/12/2013	02/01/2014	1 1	n	14/12/2013	Yes. <r< td=""><td>Tachycardia,Seizure</td><td>No Data</td><td>Convulsion within 5 minutes of vaccination, recovered within 30 seconds. Placed on IV fluids, blood</td><td>English</td><td>Not</td><td>Nobivac KC - 1,N/A,N/A ,24,1 Dose</td><td>O1 - Inconclusive</td><td></td></r<>	Tachycardia,Seizure	No Data	Convulsion within 5 minutes of vaccination, recovered within 30 seconds. Placed on IV fluids, blood	English	Not	Nobivac KC - 1,N/A,N/A ,24,1 Dose	O1 - Inconclusive	
		Kingdom				,,,,	1,,	1 1	Ιľ	,,1		NOS,Tachypnoea,Hyperglycaemia,E	1	tests revealed elevated ALT and elevate glucose other wise nothing abnormal detected. Dog had	Springer	Known	(14/12/2013-		
1	1			1	1		l		1 1			levated ALT, Abnormal radiograph		another convulsion 12 days later and 2 the following day, on physical exam the dog was tachypnoeic	Spaniel	1	14/12/2013) Nobivac L4		
1	1	l		l			l		1 1			finding		and had tachycardia. Xrays revealed an alveolar pattern. Vet suspects neurogenic pulmonary oedema	l	l	Suspension for Injection for Dogs -		
	1	l		1	1		l		1 1					secondary to seizures. No further investigation and no further seizures.	l	1	1,N/A,N/A ,24,1 Dose (14/12/2013-		l
				<u> </u>		1											14/12/2013) 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-00029	United	Animal	Canine/dog	11 Week(s)	01/09/2013	03/01/2014	40 4	3	01/09/2013	Yes	Injection site reaction	No Data	Abdominal pain, wheezing, vocalisation, shivering, tachypnoea, injection site reaction and death in 3	Cairn Terrier	Not	Nobivac L4 Suspension for Injection	O1 - Inconclusive	
1	1	Kingdom		1	1		l		1 1			NOS,Vocalisation,Abdominal		puppies out of 40 within 2 to 3 weeks post vaccination. A 4th puppy was said to be affected but no	l	Known	for Dogs - 1,N/A,N/A ,24,1 Dose		
1	1	l		l			l		1 1			pain,Wheezing,Death,Hyperventilati		further information supplied. The pupples came from several different litters from the same dog	l	l	(01/09/2013-19/12/2013) 		
	1	l				1	i					on,Shivering	1	breeder. No PMEs carried out.	1	1			

NOBIVAC L4	GB-NLINTVINT-2014-UK-00074 GB-NLINTVINT-2014-UK-00086	United Kingdom	Animal	Canine/dog	10 Year(s)	04/12/2013	08/01/2014	1 1	0 2	09/01/2014	No, <b r="">BR> FYes, No FYes	Behavioural disorder NOS,Dullnes,Sleepiness - neurological disorder,Lymphadenopathy,Vomitin g,Decreased appetite,Depression,Hyperphospha taemia,Elevated BUN,Elevated creatinine.Hyperalbuminaemia	No Data	Somoelnece 19-21 days after vaccination, 5 days later presented with anorexia and a reduced desire to go outside (behaviourd disorder), Subarnadibular lymphadeopathy and a cyt were found on physics exam. Started treatment with antibiotics. The following day he presented with emesis, blood tests revealed renal mixificency, the dog was admitted for IVIT — and and reatinine increased over the next 4 days, the dog was lethargic and still has anorexia. No further information.	O Yorkshire Terrier Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (04/12/2013-04/12/2013)-BR>-BR>-Nobivac KC - 4,N/A,N/A, 10,0.4 ml (04/12/2013-04/12/2013)-BR>-BR>-Nobivac LG - Suspension for injection for page 1,N/A,N/A, 10,1 ml (04/12/2013-04/12/2013-BR>-BR>-Nobivac LB - Nobivac DHP - 1,N/A,N/A, 10,1 ml	O1 - Inconclusive	
		Kingdom	Animal	,,,,	2 Month(s)	09/01/2014	24/04/2014	1 1			R> Yes	Bradycardia,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Dyspnoea,Death,Uncod ed sign,Heart valve disorder		Collapse, bradycardia, dyspnoea and death 1.5 hours after vaccination. PME showed tricuspid valve dysplasia.		0.75	(09/01/2014- 09/01/2014):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (09/01/2014- 09/01/2014):BR> 		
	GB-NLINTVINT-2014-UK-00102	United Kingdom	Animal	Canine/dog		02/01/2014		1 1			Yes, <b R> Yes</b 	Diarrhoea, Vomiting, Death, Elevated BUN, Elevated creatinine, Anorexia, Inappetence, Hy pothermia, Lethargy (see also Central nervous system depression in "Neurological"), Dehydration, Tense abdomen	No Data	Letharyg and anorexia 2 days after vaccination, progressing to emesis 2 days later. Presented with a tense abdomen another 2 days later, trated with Crean land a follow up the next day was a norexia, and dehydrated. Blood tests revealed renal insufficiency, treated with IV fluids but died later that day. It is suspected that it may have ingested a toxin. No post mortern.	Rottweiler	Not Known	Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/01/2014- 02/01/2014\text{BR>\text{BR}\text{Nobiwac Pi}- 1,N/A,N/A,10,1 ml (02/01/2014- 02/01/2014\text{BR}\text{BR}\text{BR}\text{SR}SR	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-00106	United Kingdom	Animal	Canine/dog	6 Year(s)	18/12/2013	13/01/2014	1 1	0 1	19/12/2013	No, BR>BR>Yes	Restlessness, Diarrhoea, Panting, Incr eased respiratory rate, Spondylosis, Abnormal radiograph finding	No Data	Hyperactivity, tachypnoea and diurnhoea within 24 hours of vaccination. Treated with steroids, Mipet PPD Bild, and IV Mick, a ray revealed ligaseous distension and spondyoists in lumbar vetebrae, Ve does not think signs are related to vaccination. Symptomatic treatment given.	Labrador et Retriever	24	Nobivac DHP - 1,N/A,N/A,24,1 Dose (18/12/2013- 18/12/2013) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (18/12/2013- 18/12/2013) 	O1 - Inconclusive	
	G8-NUNTVINT-2014-UK-00116	United Kingdom	Animal	Canine/dog	5.5 Year(s)	08/11/2013	05/03/2014	1 1		20/12/2013	Yes	Anaemia NOS, Leucopenia Neutrophilia, Red blood cell disorder, Death, Lethargy (See also Central nervous system depression in Neurological), Officologica, tack of efficacy. Acute renal failure. Abnormal test result-typopaliminaemia, Hypergly caemia, I/rire abnormalities NOS, Hypoprotensmia, Hyperghos phataemia, Elevated BUN, Elevated Creatinine, Thrombocytosis	No Data	Suspected lack of efficacy - Lethargy 2 weeks after vaccination, blood tests revealed renal failure, hyperphosphateanis, increased magnesium, hyperkalaemis, anaemis, neutrophila and increased reliculoscyes approximately 1 month after vaccination. PCR positive for Leptospirosis in Urine. Serovar typing showed positive results for Statislava and Copenhageni and Canicol (which was the highest and likely related to vaccination). Death an unspecified period later.	Caim Terrie	7.55	Nobiwa: L4 Supension for Injection for Ongs. 17.NA/N, 24.1 Dose (08/11/2013-06/12/2013)-8R→6R>	N - Unlikely	
	GB-NLINTVINT-2014-UK-00135	United Kingdom	Animal	Canine/dog	2 Month(s)	13/01/2014	15/01/2014	1 1	0 1	13/01/2014	Yes, BR> <b R>BR>Yes</b 	Anaemia NOS,Thrombocytopenia,Neutropen ia,Pale mucous membrane,Lethargy (see also Central nervous system depression in "Neurologica")Pyrexia,Mucous stool,Abnormal test result,Hypoalbuminaemia,Shaking	No Data	Lethaugs, pale mucous membranes and shaking within 12 hours post vaccination. Treated with Metacam. Symptons continued the net day and also developed previal. Bloot lets; showed anaemia, hypoalbuminaemia and neutropenia. Mucus in the faeces. Worms had previously been observed in the dogs faeces but the dog had been de-wormed 6 days prior to vaccination. Improvement following supportive treatment.	Dobermann	Not Known	Nobiac DHP - 1,N/A,N/A, 10,1 ml (13/01/2014- 13/01/2014- 13/01/2014)eRP-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (13/01/2014- 13/01/2014)eBR> 	B - Possible	
	GB-NLINTVINT-2014-UK-00193	United Kingdom	Animal	Canine/dog	9 Year(s)	20/12/2013	21/01/2014	1 1	1 2	22/12/2013		Pale mucous membrane, Abdominal pain, Collapse (see also 'Cardio- vascular' and 'Systemic disorders'), Death, inappetence, Leth argy (see also Central nervous system depression in 'Neurological'), Laboured breathing, Dehydration, Uncoded sign, Fluid in abdomen NOS	No Data	Lethargy Z days after 2nd vaccination which progressed to anorexia and collapse. Presented to a vet 3 days later with anorexis, dyspones, plan mucous membranes, abdominal plan, fool limbs and suncher eyes (suggesting dehydration). Ultrasound scan revealed abdominal fluid, planned to do exploratory laparatomy but the dog died on induction. No post mortem.		29.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/12/2013-20/12/2013)-BR>>BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00195	United Kingdom	Animal	Canine/dog	8 Week(s)	15/01/2014	25/02/2014	1 1	1 1	15/01/2014	No, BR>BR>No, R>BR>BR>No, BR>BR>CBR>No BR>BR>No	Endocarditis,Abnormal breathing,Pneumonia,Death,Lethar gy (see also Central nervous system depression in 'Neurological'),Rigidity of limbs,Shaking	Other	Lethargy and dysponea within 12 hours of vaccination, recovered by the following morning, 5 days later the dog beam-hypertonic, was shaking and died. PME showed a multifocal inflammatory process in the lungs and endocardium.	Crossbred	Not Known	Nobivac DHPPI - 1,N/A,N/A, 10,1 ml (15/01/2014- 15/01/2014)-BR>~BR>Nobivac KC - 4,N/A,N/A, 10,0.4 ml (15/01/2014- 15/01/2014)-BR>~BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml (15/01/2014- 15/01/2014)-BRS~BR>	O - Unclassifiable/unassessa ble	
	GB-NLINTVINT-2014-UK-00198	United Kingdom	Animal	Canine/dog	7 Year(s)	08/01/2014	24/02/2014	1 1	1 1	10/01/2014	Yes	Injection site abocses, Fastilessness, Haem anaemia, Leucocytosis, Neutrophilia, Pale mucus membrane, Yomiting, Jaundice, Hypo calkemic condition, Muscile pala, Lamenes, Silomerulonephiris, Parting, Silomerulon, Parting, Pa	No Data	Leibung 2 days after vaccination with muscle pain, and hyperthermia. Treated with antibiotics and Metalamn Presented days later with kneenes, hyperactivity, distress, tachpropose and an highcins that all the proposed of the proposed proposed in the above stream of the proposed proposed value of the proposed	English Springer Spaniel	25.3	Nebbus (4.5 supermion for injection for Days - 1,M/AN/A, 1.0.1 ml (08/01/2014-08/01/2014)-8R>-8R>	01 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00257	United Kingdom	Animal	Canine/dog	5 Year(s)	17/01/2014	26/02/2014	1 1	0 2	23/01/2014	Yes	Abnormal test result, Hot spot (pyotraumatic dermatitis), Injection site abscess	No Data	Injection site abscess and hot spot on the face 1 week post vaccination. Recovery following surgical draining and treatment with antibiotics. Swab showed growth of an aerobic isolate.	American Bulldog	54.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/01/2014-17/01/2014) -BR> 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00274	United Kingdom	Animal	Canine/dog	1 Year(s)	22/01/2014	06/02/2014	1 1	0 2	23/01/2014	No, BR>B R>BR>Yes	Injection site pain,Injection site reaction NOS,Vocalisation,Pyrexia,Abnormal test result,Injection site abscess,Injection site swelling	No Data	Vocalisation after a pole dropped onto the dog at the injection site. Injection site swelling, injection site pain, prexia and injection site abocess 24 hours post vaccination. Swab showed beta haemolytic Strep.	Not Applica	ole 13	Nobivac DHP - 1,N/A,N/A,24,1 Dose (22/01/2014- 22/01/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (22/01/2014- 22/01/2014\-BR> 	B - Possible	

NOBIVAC L4	GB-NLINTVINT-2014-UK-00283	United Kingdom	Animal	Canine/dog	11 Week(s)	27/01/2014	28/01/2014	1	1	0	27/01/2014	Yes, <i R> Yes</i 	3 Anxiety,Ataxia,Allergic pruritus	No Data	Anxiety, ataxia and allergic pruritus within 30 seconds post vaccination. Recovery 15 minutes later following corticosteroids and antihistamine administration.	Beagle	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (27/01/2014- 27/01/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (27/01/2014- 27/01/2014) 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00379	United Kingdom	Animal	Canine/dog	16.5 Year(s)	05/02/2014	06/02/2014	1	1	0	05/02/2014	Yes	Ataxia,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Elevated temperature,Tremor,Incoordinatio n,Vocalisation	No Data	Vocalisation within 1 minute post vaccination. Lethargy, ataxia, ancreus, muscle tremors and pyrexia later the same day. Treated with Cerenia and antihistamines. Improvement 2 days later.	Jack Russell Terrier	6.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (05/02/2014-05/02/2014) 	B - Possible	
	GB-NLINTVINT-2014-UK-00380	United Kingdom	Animal		4.5 Year(s)		06/02/2014	1	1	0	06/02/2014		Abdominal pain,Reluctant to move,Incoordination,Tense abdomen	No Data	Ataxia, lethargy and abdominal pain 2 days post 2nd dose vaccination. Blood tests all normal.	Border Terrier	9.8	8 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (04/02/2014-04/02/2014) 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-00398	United Kingdom	Animal	Canine/dog	7.9 Year(s)	06/01/2014	30/09/2014	1	1			Yes, <i R> >BR>Yes</i 	I Loose stool, Vomiting, Death by euthanasia, Abnormal test result, Hyperglycaemia, Hyperphosp hataemia, Elevated BUN, Elevated creatinine, Abnormal ultrasound finding	No Data	Emeis Iz days post vaccination. Diarrhoea 8 days later. Treated with Antespin and Carenia. No improvement noted 2 days later, blood tests showed elevated ronal enzymes and elevated amysias. Treated with fluids. Blood tests 2 days later showed hyperglycaemia and hyperphosphataemia. Scan showed 2 cysts in the kidneys. Euthanasia the next day. Leptospira PCR negative and no PME carried out.	Yorkshire Terrier	6.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/01/2014- 06/01/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	
	G8-NUNTVINT-2014-UK-00433	United Kingdom	Animal	Canine/dog	4 Year(s)	05/02/2014	04/03/2014	1	1		08/02/2014	No, GRY-GRY-GR RX-GRX-GRY-G GRX-GRX-GRX- BRX-GRX-GRX- BRX-GRX-Yes	allrubinuria.Reverse sneezing.Anamelia. NGS,Thrombocytopenia.Leucocyto sis,Leucopenia.Lymphopenia.Neutropenia.Ne	No Data	Coughing and anorexia 3 days post vaccination. Coughing and pyrexia noted on examination 4 days later. Treated with SMSID. Pyrexia, Jackyradiu, lethargy, amorexia and dehystration the next day. Blood tests showed hyposiluminaemia, hypocalicaemia, thrombocytopenia, anaemia and hymphopenia. Vsa suspects canine paraidhuraus. Improvement following Prediosione treatment, however, ongoing diarrhoea and flatulence. Reported that dog had been intermittently coughing prior to vaccination.	Not Applicable	8.7	Nobwac DHP - 1,11/AN/A, 0,1. ml (05/02/2014-CBR-S-BR-Nobwac KC - 4,N/AM/A, 10,0.4 ml Once 1 Animal (05/02/2014-CBR-S-BR-Nobwac LG - 5/02/2014-CBR-S-BR-Nobwac Ld Supersion for Injection for Obgs - 1,N/AM/A, 10,1 ml (05/02/2014- 05/02/2014)-BRBR-	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00048	United Kingdom	Animal	Canine/dog	5.5 Year(s)	31/12/2013	12/03/2014	1	1	1	25/01/2014	Yes	Acute renal failure, Ahoromal test result, Elevated fluve rentymes, Frees abdomen, Hyperphosphataemia, Ele vated BUN, Elevated ALT, Elevated total bilirobin, Hyperalbuminaemia, Duline so, Digestive tract disorder NOS, Vomiting, Jaundice, Adpsia, Anura, Skini lesion NOS, Death by euthansia, Anorexia, Lack of efficacy	No Data	Sospected lack of efficacy. Siki nelson 25 days post 27nd dose vaccination. Treated with antiblotics. Emeris and abdominal pain 3 days list Annorexia, emeris, adgiosi, jourdice and care renal failure 2 days after this. Blood tests showed hyperallburniaemia, hepatopathy, hyperphosphatemia and renal failure. No improvement following fluid, artiblotics and disertic treatment. Estimations 3 days later. Tests showed elevated leptospira serology. No evidence on examination of the kidneys.	Crossbred	15	Noblact L4 Suspension for Injection for Togs - 1,N/AN/A, 24, 10se (31/12/2013-31/12/2013)-BR>-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00450	United Kingdom	Animal	Canine/dog	5.5 Year(s)	03/01/2014	13/02/2014	1	1	0	26/01/2014	Yes, <i R> Yes</i 	3 Comeal ulcer	No Data	Corneal ufcer 23 days post leptospirosis and kennel cough vaccination.	Boxer (German Boxer)	Not Known	Nobivac KC - 1,N/A,N/A,24,1 Dose (03/01/2014- 03/01/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (03/01/2014- 03/01/2014\cdot BR> 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00484	United Kingdom	Animal	Canine/dog	1.3 Year(s)	10/02/2014	15/04/2014	1	1	0	13/02/2014	No, <e R> >Yes</e 	Anaemia NOS,Leucocytosis,Pale mucous membrane, Digestive tract disorder NOS,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	No Data	Lethargy, anorexia and precisi 3 days post vaccination. Treated with fluids and antibiotics: Pale mucous membranes, lethargy and diarrhoea 4 days later. Blood tests showed leucocytosis and ansemia. No further information.	English Springer Spaniel	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (10/02/2014- 10/02/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 	O - Unclassifiable/unassessa ble	
	GB-NLINTVINT-2014-UK-00581	United Kingdom	Animal	Canine/dog	8.5 Year(s)	28/01/2014	26/02/2014	1	1			Yes, Yes	Ansemia NOS Vomiting Polydipsia, Polyuria, Weight loss, Uncoded sign, Hypoalbuminaemia, Hyperkalae mia, Acidic urine, Proteinuria, Haematuria, Hyper phosphataemia, Elevated BUK, Elevated creatinine. Thrombocytosis		Emeis, polyuria, polydpisia and weight loss 1 month post vaccination. The owner reported some weight loss prior to vaccination. Blood tests showed renal inantificiency, hyperations, hypoalbuminaemia, hyperphosphataemia, anaemia and thrombocytosis and urinalysis showed haematuria, proteinuria and acidic urine. VS suspects a pre-existing condition.	Not Applicable	12.6 - 16	(28/01/2014- 28/01/2014) Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose (28/01/2014- 28/01/2014) SR>>BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00593	United Kingdom	Animal	Canine/dog	11 Year(s)	18/02/2014	27/02/2014	1	1	0	19/02/2014	Yes, <i R> Yes</i 	S Comeal ulcer,Dry eye,Low tear flow,Sore eye		Eye irritation within 24 hours of treatment, on exam keratoconjunctivits sica was present in one eye, and decreased burndation was evident, retated with Metacam, Futchbalm ican duththal. 7 days later the dog developed comeal ulcers in both eyes. 2 days later it was evident that both eyes had keratoconjunctivits sica.	Greyhound	Not Known	Nobivac KC4,N/A,N/A ,10,0.4 ml (18/02/2014- 18/02/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (18/02/2014- 18/02/2014\BR> 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-00628	United Kingdom	Animal	Canine/dog	4.8 Year(s)	29/11/2013	03/03/2014	1	1	0	11/12/2013	Yes	Polyarthritis	No Data	Immune mediated polyarthritis 12 days after vaccination, treated with steroids and gastroprotectants and has responded well.	Labrador Retriever	41	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (29/11/2013-29/11/2013) BR> 	B - Possible	
NOBIVAC L4	GB-HLINTVINT-2014-UK-00633	United Kingdom	Animal	Canine/dog	5.4 Year(s)	10/02/2014	21/03/2014	1	1	1	26/02/2014	Yes, R> Yes	Death by cuthansia/inspetence_Lethargy (see also Central nervous system depression in Neurological', Spéne hypertrophy, Abnormal teat result-typoalluminaemia, Immune mediated hae-molytic anaemia_Elevated liver enzymes_hypoglycaemia_Elevated bile acids_Anaemia NOS_Thrombocytopenia_Low platelet count_leucocytosis_Neutrophilia	No Data	Lethargy and anorexia approximately 31 days after treatment, ultrasound revealed an enlarged spleen but no evidence of hemorrhage. Blood tests revealed devraced albumin, heaptopsty, anaemia, leucocytosis, neutrophilia and thrombocytopenia, confirmed immune mediated haemolytic anaemia and thrombocytopenia. Treated with servicids and apprint, 4 days later the PCV had declined further and the dog was euthanased. Await post mortem results.	Scottish Terrier	14.1	Nobisso DIP - 1,1M/A/M, 1,0,1 mt (0,10)/2,7014- (10,10)/2,7014- (IRP1B)-Nobisso L 1,0/02/2,014-(IRP1B)-Nobisso L 1,0/02/2,014- (IRP1B)-Nobisso L 1,0/02/2,014- (IRP1B)-N	B - Possible	

	GB-NLINTVINT-2014-UK-00746	United Kingdom	Animal	Canine/dog	4.5 Year(s)	03/02/2014	12/03/2014	1 1	0 07/0		l> No N	Behavioural disorder NOS,Seizure NOS	Other	Behavioural change followed by a convulsion 4 days post vaccination. Recovery 1 hour later with no treatment.	Jack Russell Terrier	9.3	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (03/02/2014- 03/02/2014)-BR>-BR>Nobivac L4 Supension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/02/2014- 03/02/2014)-BR>-SBP>	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00784	United Kingdom	Animal	Canine/dog	10 Year(s)	05/03/2014	17/03/2014	1 1	0 10/0	/2014 Yes	n	Dullness, Tachycardia, Pale mucous nembrane, Diarrhoea, Decreased appetite, Off colour, Immune nediated haemolytic anaemia	No Data	Malaise, anorexia, tachycardia, pale mucous membranes and diarrhoea, 5 days after vaccination, blood tests revealed anaemia and IMHA is suspected despite negative Coombs test. Treated with steroids, increase in PCV seen 6 days later. Concurrent treatment with Vetoryl.	Miniature Schnauzer	12.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (05/03/2014-05/03/2014) 	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00832	United Kingdom	Animal	Canine/dog	6.3 Year(s)	19/02/2014	19/03/2014	1 1	0 19/0	:/2014 Yes, <bi:< td=""><td>I> Yes p si N a n 'Y si</td><td>ubdominal sin/ Tenesmus, Diarrhoea, Loose too, Digestive tract disorder too, Digestive tract disorder sometime, Digestive, Lethargy (see also Central servous system depression in Neurological), Mucous too, Uncoded sign, Abnormal stool clouration, Elevated ALT, Abnormal Itrasound finding</td><td>No Data</td><td>Anorexia, Josee facese, abdominal pain and reduced abdominal sounds, 12 days after vaccination with Nobbac L4 and Kr. Treasted with Norto-a and coloxom. Blood tests performed the following day revealed elevated A1. Treated with IVIT as still anorexic. The dog was discharged 4 days later as appeared to have accovered, then developed emiss 13 days later and had mucolid darnicea with tenesmus. Ultrasound suggested possible blood clots in the bladder but not other abnormalities detected. Treated with Veraflox, improvement seen 5 days later.</td><td>Shih Tzu</td><td>6.2</td><td>Nobivac KC - 4,N/A,N/A ,10,0.4 ml (15/02/2014-19/02/2014)-BR>-GR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A ,10,7 ml (15/02/2014-19/02/2014-19/02/2014)-BR>-GR></td><td>Q - Unclassifiable/unassessa ble</td><td></td></bi:<>	I> Yes p si N a n 'Y si	ubdominal sin/ Tenesmus, Diarrhoea, Loose too, Digestive tract disorder too, Digestive tract disorder sometime, Digestive, Lethargy (see also Central servous system depression in Neurological), Mucous too, Uncoded sign, Abnormal stool clouration, Elevated ALT, Abnormal Itrasound finding	No Data	Anorexia, Josee facese, abdominal pain and reduced abdominal sounds, 12 days after vaccination with Nobbac L4 and Kr. Treasted with Norto-a and coloxom. Blood tests performed the following day revealed elevated A1. Treated with IVIT as still anorexic. The dog was discharged 4 days later as appeared to have accovered, then developed emiss 13 days later and had mucolid darnicea with tenesmus. Ultrasound suggested possible blood clots in the bladder but not other abnormalities detected. Treated with Veraflox, improvement seen 5 days later.	Shih Tzu	6.2	Nobivac KC - 4,N/A,N/A ,10,0.4 ml (15/02/2014-19/02/2014)-BR>-GR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A ,10,7 ml (15/02/2014-19/02/2014-19/02/2014)-BR>-GR>	Q - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00850	United Kingdom	Animal	Canine/dog	3.3 Year(s)	06/02/2014	21/03/2014	1 1	0 27/0:		i> Yes, si BR> < n	olyarthritis,Unable to tand,Lethargy (see also Central nervous system depression in Neurological'),Off (olour,Pyrexia,Abnormal test esult,Hypoalbuminaemia	No Data	Malaise and staxis 3 weeks port vaccination. Pyresis and lethargy noted on examination 2 days later. Treated with artifaction; NSAIDs and Risks. Ultrasound, viringsis, said radiographs were unemarkable loint tap showed inflammatory joint disease. Diagnosed as immune mediated polyarthritis. Imgrovement following treatment with steroids.	Bernese . Mountain Dog	75	Nobivac DHP - 1,N/A,N/A,24,1 Dose (06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-) 06/02/2014-)	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00854	United Kingdom	Animal	Canine/dog	10 Week(s)	17/03/2014	02/04/2014	1 1	0 17/0:			Diarrhoea, Vomiting, Off colour, Abnormal test result	No Data	Emesis and malatics, within 2 hours of vaccination. Presented to the vet 2 days after vaccination with emesis and districtions, samp sets was possible for Paron. Treated with IV fluids and antibiotics and was making a recovery at the time of reporting, lab test positive for Campylobacter, no PCR for Parvovirus.	Border Collie	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (17/03/2014- 17/03/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (17/03/2014- 17/03/2014) 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00892	United Kingdom	Animal	Canine/dog	9 Week(s)	24/03/2014	03/11/2015	1 1	0 24/0:	7/2014 No, <bf R×BR</bf 	I> Yes C ir 'r	achypnoea,Lethargy (see also Central nervous system depression n Neurological'),Listless,Pyrexia,Tach ccardia	No Data	Lethargy within 2 hours of vaccination, hyperthermia, tachycardia and tachypnoea noted on clirical exam. Treated with IV fluids, No further Information.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (24/03/2014- 24/03/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (24/03/2014- 24/03/2014)-BR>-SR>	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-00912	United Kingdom	Animal	Canine/dog	4.7 Year(s)	24/03/2014	15/07/2014	1 1	1 24/0:	/2014 No. <bf R×BR:</bf 	l> Yes N e	it, Seizure KOS, Coma, Tachypnoea, Death, Hyp rthermia, Abnormal test esult, Epileptic fit, Elevated liver nzymes, Elevated ALT	No Data	Custor solution within 1 hour post vaccination. 11 contectible consolitions occurred, pyresis was note on examination. Rectal diseagement done to help, Frested by 55 with fluids and cooling. 3 in their connulisions rotted. Another convulsions started a few hours later, no response to disaspam and so proportio losed. Tachsproses noted followed by proma. Convulsions again the next morning, treatment with Vectorio, disaspam, Colvasione and Symulos. Recovery a few hours state. Book decists showed helpatopathy. One further use after day gas scene cacked to see owners. Not further schuser seports. The day was Epplement profit to succination but had not any convulsion for 5 months, Toog has recovered without any further sectures. On Pepuls support medication, Update - dog suffered seried or selected and deed on the way to the VS (approximately 4 months after intal selection).	d Border Collie	27.9	24/03/2014/BRN-8R-Nobivac L4 (24/03/2014)-8R-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose (24/03/2014- 24/03/2014)-8R-NBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose (24/03/2014- 24/03/2014)-8R-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NB	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01002	United Kingdom	Animal	Canine/dog	1 Year(s)	18/03/2014	02/04/2014	1 1	0 20/0:	R×BR:	IR> <b l<br="">I> Yes si 'n c e d	ethargy (see also Central nervous ystem depression in Neurological'),Off colour,Pyrexia,Elevated liver enzymes,Vomiting,Not frinking,Inappetence	No Data	Emeis 2 days post vaccination: Pyrexia, malaise, anorexia and adginiz 3 days later. Treated with antibiotics and Skolb. Emeist and anorexis sill onging 2 days after this along with lethargy. Blood texts showed elevated ALP. Treated with fluids leading to improvement.	Irish Terrier	15.3	Nobivac DHP - 1,N/A,N/A, 10,1 ml (18/03/2014- 18/03/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (18/03/2014- 18/03/2014)-BR> 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01022	United Kingdom	Animal	Canine/dog	2.6 Year(s)	25/02/2014	03/04/2014	1 1	0 27/0	//2014 Yes, <bi R><br:< td=""><td>l> Yes N p (s</td><td>Sehavioural disorder NOS,Restlessness,Abdominal Nain,Frequent urination,Lethargy see also Central nervous system lepression in 'Neurological'),Lip Inking</td><td>No Data</td><td>Lethung and lip licking 2 days post 1st dose vaccination. Adominal pain and frequent unisation noted the next day. Treated with Cereinia and Ceptores. Adominal pain and lethungs (lim tored 5 days later. Recovery within the next 3 weeks. 2nd dose of Nobinac L4 given 1 month after the 1st dose. Restlessness and abdominal pain noted 2 days later again.</td><td>Labrador Retriever</td><td>22.7</td><td>Nobivac KC - 4,N/A,N/A,10,0.4 ml (25/02/2014- 25/02/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/02/2014- 25/02/2014-BR>-CRP></td><td>B - Possible</td><td></td></br:<></bi 	l> Yes N p (s	Sehavioural disorder NOS,Restlessness,Abdominal Nain,Frequent urination,Lethargy see also Central nervous system lepression in 'Neurological'),Lip Inking	No Data	Lethung and lip licking 2 days post 1st dose vaccination. Adominal pain and frequent unisation noted the next day. Treated with Cereinia and Ceptores. Adominal pain and lethungs (lim tored 5 days later. Recovery within the next 3 weeks. 2nd dose of Nobinac L4 given 1 month after the 1st dose. Restlessness and abdominal pain noted 2 days later again.	Labrador Retriever	22.7	Nobivac KC - 4,N/A,N/A,10,0.4 ml (25/02/2014- 25/02/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/02/2014- 25/02/2014-BR>-CRP>	B - Possible	
	GB-NLINTVINT-2014-UK-01039	United Kingdom	Animal	Canine/dog		04/04/2014	07/04/2014	1 1			> Yes e	achycardia,Swelling around sye,Facial swelling (see also 'Skin')	No Data	Allergic cedema of the face, eyelids and lips and tachycardia within 1.5 hours post vaccination. Treate with steroids. Recovery 3 hours later.	d English Cocker Spaniel	4.25	Nobivac DHP - 1,N/A,N/A,10,1 ml (04/04/2014- 04/04/2014)-BR> Nobivac L4 Supension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/04/2014- 04/04/2014)-BR> 	B - Possible	
	GB-NLINTVINT-2014-UK-01097	United Kingdom	Animal	Canine/dog		31/03/2014	09/04/2014	1 1		i/2014 Yes	a ir st a d	ind nflammation, Convulsion, Unable to tand, Lack of coordination (see ilso 'Ear' - vestibular lisorder), Incoordination	No Data	Ataxis 12 hours post vaccination. A convolution occurred during examination, recovery following datespean administration. Astaxi still origing 4 days later. Man and CFst pa indicated central nervous system inflammatory disease, possibly due to dysregulation of the immune system following vaccination. History of previous vaccination with no adverse effects, this was the 2nd dose of the primary course of Noblwac L4.	Labrador Retriever	29.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (31/03/2014-31/03/2014) 	B - Possible	
	GB-NLINTVINT-2014-UK-01101	United Kingdom	Human	Human	Not Known	09/04/2014	09/04/2014	1 1		> → Not Kn	n, nown	tching	Not Known	Vet accidentally injected vaccine into top of owner's right index finger whilst she was holding her dog. The injury bled, but there was no lasting pain or redness, only itching.		Not Known	Nobivac DHP - ", Nobivac L4 Suspension for Injection for Dogs ", 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-01162	United Kingdom	Animal	Canine/dog	2 Month(s)	28/03/2014	09/10/2014	1 1			t> Yes si (s p	njection site eroma,Crying,Localised pain NOS see other 'SOCs' for specific sain),Injection site sain,Aggression,Vocalisation	No Data	Injection site pain, aggression and vocalisation 1 week post 2nd dose vaccination. Pain was still oraging 1 week later and an injection to eventiling noted, diapprosed as an injection is the serum. Seroma was drained and treated with oral MSAIDs. Seroma reformed and agot larger over the next 4 days, treated surgically and drain placets. Swab takes, was regative. Drain removed 1 week later as fiftows tissue starting to develop around the drain. Mass returned, PNA revealed fluid with microphages, no blacterial growth. Door recovered. No further information expected.	Dogue de Bordeaux		Nobivac DHP - 1,N/A,N/A,10,1 ml (28/03/2014- 28/03/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/03/2014- 28/03/2014)-BR>-BR>-	B - Possible	
	GB-NLINTVINT-2014-UK-01182	United Kingdom	Animal		13 Year(s)	14/04/2014		1 1		/2014 Yes	d si n 'r	Conjunctival oedema, Breathing lifficulty, Vomiting, Dyspnoea, Cyano is, Lethargy (see also Central tervous system depression in Neurological')	No Data	Dyspones and cyanosis 4 hours post vaccination. Improvement following treatment with steroids, frusemide, antihistamines, Zantac and Emeprid. Dog was on concurrent NSAID treatment. Lethargy an emesis 5 days later with conjunctivitis. Further treatment with Maxitrol and antihistamines.	Border Collie	23.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (14/04/2014-14/04/2014) BR> 		NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-01191	United Kingdom	Animal	Canine/dog	4.5 Year(s)	06/03/2014	16/04/2014	1 1	0 06/0	R> <br< td=""><td>t> Yes v C ir</td><td>forniting,Blood in omit,Asthma,Lethargy (see also central nervous system depression n 'Neurological'),Laboured oreathing,Respiratory sound</td><td>No Data</td><td>Letharg, asthmi, dypnoes and hierinatemess within 12 hours post vaccination. Dyspnoes and rales the next day, treated with Dezadreson and Cerenia. Recovery by the next day.</td><td>Other Canine/dog</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (05/03/2014- 06/03/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/03/2014- 06/03/2014)-BR> </td><td>B - Possible</td><td></td></br<>	t> Yes v C ir	forniting,Blood in omit,Asthma,Lethargy (see also central nervous system depression n 'Neurological'),Laboured oreathing,Respiratory sound	No Data	Letharg, asthmi, dypnoes and hierinatemess within 12 hours post vaccination. Dyspnoes and rales the next day, treated with Dezadreson and Cerenia. Recovery by the next day.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (05/03/2014- 06/03/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/03/2014- 06/03/2014)-BR> 	B - Possible	

NOBIVAC L4	GB-NLINTVINT-2014-UK-01278	United	Animal	Canine/dog	5 Year(s)	27/01/2014	29/04/2014	1 1	1 1 11/0	/2014 Yes, <e< th=""><th> <b< th=""><th>Gastric ulcer,Increased intracranial</th><th>No Data</th><th>Pale mucous membranes, cardiac insufficiency and regenerative anaemia 15 days after vaccination.</th><th>Beagle</th><th>14.4</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml</th><th>0-</th><th></th></b<></th></e<>	 <b< th=""><th>Gastric ulcer,Increased intracranial</th><th>No Data</th><th>Pale mucous membranes, cardiac insufficiency and regenerative anaemia 15 days after vaccination.</th><th>Beagle</th><th>14.4</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml</th><th>0-</th><th></th></b<>	Gastric ulcer,Increased intracranial	No Data	Pale mucous membranes, cardiac insufficiency and regenerative anaemia 15 days after vaccination.	Beagle	14.4	Nobivac DHP - 1,N/A,N/A ,10,1 ml	0-	
		Kingdom		7						R≻⊲BF	BR>Yes	pressure Death by euthanasia, Lethangy (see also Central nervous system depression in Neurological'), Regenerative ansemia, Immune mediated haemolytic anaemia, Immune mediated thrombocytopenia, Heart insufficiency, Pale mucous membrane, Vomiting		Treated with steroids and 20 days later had a blood transfusion. Immune mediated haemolycic anaemia and thombotyopenia diagnosed. distrointestial usider diagnosed and developed emeis, treated with gastroprotectants. E days later became lethangs and anaemia had progressed, treated with a blood transfusion but intracranal haemorrhage diagnosed and was euthanased. At the time of vaccination the dog was lethangs with a reduced PCV.			(27/01/2014- 27/01/2014) eRP-Nobivac L4 Suspension for Injection for Dogs - 1.N/ANA 1.0.1 ml (27/01/2014- 27/01/2014) eRP-ERP	Unclassifiable/unassessa ble	
NOBIVAC L4		United Kingdom	Animal	Canine/dog	5 Year(s)	25/04/2014	30/04/2014	1 1			BR> Yes	Shivering, Agitation, Diarrhoea, Vomit ing, Facial swelling (see also 'Skin'), Panting	No Data	Emesis and diarnhoea within a few hours post vaccination. Tachypnose and hyperactivity noted later the same day. Allegic edeems of the face noted, owner advised to give dog antihistamines. Complete recovery by the next day.	Other Canine/dog	15	Nobivac DHP - 1,N/A,N/A,10,1 ml (25/04/2014- 25/04/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/04/2014- 25/04/2014)-BR> 	B - Possible	
NOBIVAC L4	GB-NUNTVINT-2014-UK-01389	United Kingdom	Animal	Canine/dog	13 Week(s)	22/03/2014	06/05/2014	1 :	1 1 24/0	 <	3R> Yes, > < :BR>Yes	Leucocytosisi, ymphocytosisi, Neutrophila, Jeukaemia, Tachycardia, Dige stive tract	No Data	Fixe days after second vaccination (of primary restarting course) presented off food and vomitting, lettering; and pyrec with smaller stock. Treated with render odopmaile and relotroperion as well as a monicillin-clavularate tablets. Re-presented 4 days later quel, inappetance, ocular serous discharge, tympanic abdome, not painful on palapotton. Treated with relixabilinar can restinder. The next day represented tachycards, tachypnoeic and pyrexic. Owners had given non prescribed, non specific tablets to treat provise (active ingredient unknown). Represented in 24 hours with nexal discharge (unilateral, I nostrill, pyrexic and with bilateral mucopurulent ocular discharge. Treated with 70ml subcutaneous fixids and a nasal wade was taken for oavailable results, 21 Abous tits are admitted for treatment with intravenous fluids after vomitting chicken and rice. Had ingested raisirs. Presented with tacky mucous membranes, deliyotation and depression. Treated with randificine, monocytav and brombesine hydrochlorids. Devidoped proteinutia and haematuria, anamenia, marked leiskocytosis, neutropaenia, hymphocytosis and thrombocytopaenia. Cytological restructs of a bodo ofmaner examine in the laboratory identified abytical hymphoid cells consistent with hymphoid leukaemia. Condition deteriorated, and memorytosis for naukaemas. Body condition deteriorated and novers opted for exthansia 11 days after first presentation with clinical signs. PME not performed due to cytological avalves of a disposition on blood smeary.	Labrador Retriever	8.3	Nobiwac DHP - 1.N/A.N/A, 10.1 ml Twice (22/30.320 ml N/A:BBF-3BR-Nobiwac KC - 4.N/A.N/A, 10.0 m tig/30/2014- 10/40.2014-SBR->BBR-Nobiwac L4 suspension for Impliction for Dogs - 1.N/A.N/A, 10.1 ml Twice (22/03/2014-N/A)<	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01422	United Kingdom	Animal	Canine/dog	7 Year(s)	07/05/2014	08/05/2014	1 1	1 0 08/0	7/2014 Yes, <e R≻<br< td=""><td> <b BR> Yes</b </td><td>Seizure NOS,Ataxia,Disorientation</td><td>No Data</td><td>Convolutions, attacks and discinentation I.2 hours after vaccine administration. Antihistamines were given. No information about further neurological abnormalities. The dog has two incidences of seizures prior - once as an adult and once as a puppy.</td><td>Labrador Retriever</td><td>37</td><td>Nobivac KC - 1,N/A,N/A,24,1 Dose (07/05/2014- 07/05/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (07/05/2014- 07/05/2014) </td><td>O1 - Inconclusive</td><td></td></br<></e 	 <b BR> Yes</b 	Seizure NOS,Ataxia,Disorientation	No Data	Convolutions, attacks and discinentation I.2 hours after vaccine administration. Antihistamines were given. No information about further neurological abnormalities. The dog has two incidences of seizures prior - once as an adult and once as a puppy.	Labrador Retriever	37	Nobivac KC - 1,N/A,N/A,24,1 Dose (07/05/2014- 07/05/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (07/05/2014- 07/05/2014) 	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01433	United Kingdom	Human	Human	40 Year(s)	06/05/2014	08/05/2014	1 1	0 06/0	/2014 Not Ki	Known	Injection site bleeding	Not Known	Forty year old, female vet reported self-injection into middle finger of left hand with needle used for injecting a dog. Apart from bleeding, no reaction was reported.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,24 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-01467	United Kingdom	Animal	Canine/dog	2.2 Month(s)	04/05/2014	10/05/2014	1 1	1 1 08/0		 <b BR> Not</b 	Tense abdomen, Diarrhoea, Vomiting, Deat h by euthanasia, Lethargy (see also Central nervous system depression in 'Neurological'), Lack of efficacy, Dehydration	Not Known	Suspected lack of efficacy. Vormiting, diarrhoea, lethargy, tense abdomen and dehydration four days after administration. Parvovirus snap test positive. Puppy eurhanised one week after administration. No PME was conducted.	German Shepherd Dog	Not Known	Nobivac DHP - 1,1,1 Days,10,1 ml (04/05/2014- 04/05/2014) 6RP>6RP>Nobivac L4 Suspension for Injection for Dogs - 1,1,1 Days,10,1 ml (04/05/2014- 04/05/2014) 6RP>6RP>RPS 6RP>RPS 70/05/2014(5RP>6RP>6RP>	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01487	United Kingdom	Animal	Canine/dog	3 Month(s)	12/05/2014	12/05/2014	1 1	1 0 12/0	/2014 No, <b R><br< td=""><td>:BR> <b BR> Yes</b </td><td>Vocalisation, Swelling NOS, Face and neck swelling (see also 'Skin')</td><td>No Data</td><td>Vocalising when administered. Presented ten minutes later with facial swelling and limb swelling. Treated with steroids and recovered within a few hours. No further information.</td><td>Chihuahua</td><td>0.75</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (12/05/2014- 12/05/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/05/2014- 12/05/2014>BR> </br></td><td>B - Possible</td><td></td></br<></b 	:BR> <b BR> Yes</b 	Vocalisation, Swelling NOS, Face and neck swelling (see also 'Skin')	No Data	Vocalising when administered. Presented ten minutes later with facial swelling and limb swelling. Treated with steroids and recovered within a few hours. No further information.	Chihuahua	0.75	Nobivac DHP - 1,N/A,N/A,10,1 ml (12/05/2014- 12/05/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	
NOBIVAC L4	GB-HLINTVINT-2014-UK-01499	United Kingdom	Animal	Canine/dog	9 Year(s)	10/05/2014	12/05/2014	1 1	0 10/0		BR> Yes	Excessive thirst, Collapse (see also "Cardio-vascular" and "Systemic disorders", Decreased respiratory rate, Parting, Decreased appetite, Hypothemia, Lethargy (see also Central nervous system depression in "Neurological", Uncoded sign-Hyperglycaemia, Elevated BUN, Elevated AT, Tachycardia, Pale mucous membrane, Vomitting	No Data	Collages, pale mucous membranes, sachycardia and panting within 30 minutes of vaccination. Treated with steroids. If som later panting and polytypise with an epided of vonithing lood tests showed elevated liver enzymes, azotaemia, mild hyperglycaemia, neutrophilia. Treated with intravenous fluids. No further information with regards treatment or progress.		24.5	Nobised DIP - 1,M/A.N/A,10,1 ml (10/05/2014- 10/05/201	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01505	United Kingdom	Animal	Canine/dog	3.3 Year(s)	19/03/2014	12/05/2014	1 1	1 0 30/0	7/2014 No, <b R≻<br< td=""><td>BR> <b< td=""><td>Low platelet count, Pale mucous membrane, Vomiting, Not drinking, Anoresia, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Regenerative anaemia, Abnormal test result, Immune mediated haemolytic anaemia</td><td>No Data</td><td>Quiet_wwell, subduced, anorenia and vomiting approximately 6 weeks after initial vaccination. One week later no improvement, lethargic and not eating or drinking. Pale mucous membranes. Blood test identified immune mediated haemolytic anaemia. Dog currently doing well. No further information.</td><td>Chihuahua</td><td>4.75</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (19/03/2014- 19/03/2014-SR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (4 Week(s) 19/03/2014-16/04/2014)-BR>-BR></td><td>B - Possible</td><td></td></b<></td></br<></b 	BR> <b< td=""><td>Low platelet count, Pale mucous membrane, Vomiting, Not drinking, Anoresia, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Regenerative anaemia, Abnormal test result, Immune mediated haemolytic anaemia</td><td>No Data</td><td>Quiet_wwell, subduced, anorenia and vomiting approximately 6 weeks after initial vaccination. One week later no improvement, lethargic and not eating or drinking. Pale mucous membranes. Blood test identified immune mediated haemolytic anaemia. Dog currently doing well. No further information.</td><td>Chihuahua</td><td>4.75</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (19/03/2014- 19/03/2014-SR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (4 Week(s) 19/03/2014-16/04/2014)-BR>-BR></td><td>B - Possible</td><td></td></b<>	Low platelet count, Pale mucous membrane, Vomiting, Not drinking, Anoresia, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Regenerative anaemia, Abnormal test result, Immune mediated haemolytic anaemia	No Data	Quiet_wwell, subduced, anorenia and vomiting approximately 6 weeks after initial vaccination. One week later no improvement, lethargic and not eating or drinking. Pale mucous membranes. Blood test identified immune mediated haemolytic anaemia. Dog currently doing well. No further information.	Chihuahua	4.75	Nobivac DHP - 1,N/A,N/A, 10,1 ml (19/03/2014- 19/03/2014-SR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (4 Week(s) 19/03/2014-16/04/2014)-BR>-BR>	B - Possible	
	GB-NLINTVINT-2014-UK-01511	United Kingdom	Animal		1.4 Year(s)	24/04/2014	19/06/2014	1		Know	3R> Not	Dullness, Leucopenia, Abdonninal paint-hypersial notion, Diarriboea, Dig estive tract disorder NOS,Bloody darrhoea, Yomitting, Anoresia, Circul atory collapse (see also "Neurological" and "Systemic disorders), Lietharpy (see also Central nervous system depression in Neurological"), Weakness, Lack of efficacy, Abnormal test, result, Naussea, Head termor, Elevated ALT, Abnormal uttrasound finding	Not Known	Superted lick of espected efficery, Collapsed, vomiting, pyrexia, lethary, leukopaeva, hemorrhagi darmhoes 9 days after vaccination. Treated with IVFT, enrolloacein, manoplant, metroindazoid, amocyclav and glucose. Faceal sample sent for parvoival antigen testing. Next day unable to stand. Confinued to some, hypersal-lawtion, tesuopeava. Ultrasounds showed fluid filled intestites, thickened stomach wall and moderate amount of free fluid and gas. In house parvoivus test negative. Treatmen with augmentan and gelostises. External testing for parvoival antegin positive. Gradual improvement in clinical signs, campylobacter isolated from faeces. Awaiting results from repeat PCR. No further information recieved.	: Border Terriei	9.5	Nobwac DIP - 1,11/A/N/A, 3,01, mi (2,1/04/2014) (24/04/2014)-RBR-Nobwac L4 Suspension for Injection for Dogs - 1,N/A/M, 1,01 mi (24/04/2014) (24/04/2014)-BR>-6BR>	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01566	United Kingdom	Animal	Canine/dog	4 Month(s)	27/01/2014	15/05/2014	1	0 19/0		:BR> <b 3R> Yes</b 	Conjunctivitis,Anorexia,Depression, Off colour,Pyrexia,Crust,Skin ulcer,Abnormal test result,Skin disorders NOS,Sore eye	No Data	Pyrexia, lethargy, malaise and anorexia 3 months following 1st dose vaccination and 2 months following 2nd dose excination. Treated with antibilities and MSUDs. Conjunctivitis and eye irritation days later. Blood tests showed globulinaemia. Skin lesions and ulcer started 2 days after this, including ulceration around the mouth and eyes. Improvement 2 weeks later following start of steroid treatment.	Crossbred	2.83	Nobivac DHP - 1,N/A,N/A,24,1 Dose (13/01/2014- 13/01/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01577	United Kingdom	Animal	Canine/dog	4.6 Year(s)	20/04/2014	16/05/2014	1 1	0 15/0	i/2014 Yes, <e R≻<br< td=""><td> <b BR> Yes</b </td><td>Fit</td><td>No Data</td><td>FIE (one episode) approximately 3 weeks after vaccination. No further information.</td><td>Yorkshire Terrier</td><td>6.7</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (20/04/2014- 20/04/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/04/2014- 20/04/2014\cdot BR> </td><td>O - Unclassifiable/unassessa ble</td><td></td></br<></e 	 <b BR> Yes</b 	Fit	No Data	FIE (one episode) approximately 3 weeks after vaccination. No further information.	Yorkshire Terrier	6.7	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/04/2014- 20/04/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/04/2014- 20/04/2014\cdot BR> 	O - Unclassifiable/unassessa ble	

NOBIVAC L4	GB-NLINTVINT-2014-UK-01591 GB-NLINTVINT-2014-UK-01615	United Kingdom	Animal	Canine/dog	9.5 Year(s) 7 Year(s)	17/05/2014	22/01/2016	1 1	0 18/05,	No, R>BR> Known, SR> <b< td=""><td>ot result,Musculoskeletal R pain,Injection site swelling,Injectio R> site pain,Leucopenia,Lymphopenia,Net tropenia,Bradypnoea,Decreased appetite,Depression,Localised pain NOS (see other 'SOCs' for specific pain).Off colour Pyrexia</td><td>No Data</td><td>Quiet, inappetence 24 hours after vaccination. Next day depressed, swelling around shoulder and forceimbig, shormed head carriage, paint for sale head, previse, markedly paint at nigection site. Treated with antibiotics, IVFT, meloxicam and bupernorphine. PRA of lump shows serosanghous fluid, inflammatory cells and occci. Blood results show leukopaenia, band neutrophilia and mild toxicity, monocytosis, eosinopaenia. Culture was negative. Neurological symptoms same day as vaccination. Next day, one fitting episode. 48 hours later</td><td>Rhodesian Ridgeback</td><td></td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (17/05/2014-) RR>- RR>- Nobivac KC - 4,N/A,N/A,10,0.4 ml (17/05/2014- 17/05/2014-) RRS RR>- Nobivac 17/05/2014-) RRS RRP- Nobivac 5 LN/A,N/A,10,1 ml (17/05/2014- 17/05/2014) - RRS RRP- Nobivac DHP - 1,N/A,N/A,10,1 ml</td><td>B - Possible</td><td></td></b<>	ot result,Musculoskeletal R pain,Injection site swelling,Injectio R> site pain,Leucopenia,Lymphopenia,Net tropenia,Bradypnoea,Decreased appetite,Depression,Localised pain NOS (see other 'SOCs' for specific pain).Off colour Pyrexia	No Data	Quiet, inappetence 24 hours after vaccination. Next day depressed, swelling around shoulder and forceimbig, shormed head carriage, paint for sale head, previse, markedly paint at nigection site. Treated with antibiotics, IVFT, meloxicam and bupernorphine. PRA of lump shows serosanghous fluid, inflammatory cells and occci. Blood results show leukopaenia, band neutrophilia and mild toxicity, monocytosis, eosinopaenia. Culture was negative. Neurological symptoms same day as vaccination. Next day, one fitting episode. 48 hours later	Rhodesian Ridgeback		Nobivac DHP - 1,N/A,N/A,10,1 ml (17/05/2014-) RR>- RR>- Nobivac KC - 4,N/A,N/A,10,0.4 ml (17/05/2014- 17/05/2014-) RRS RR>- Nobivac 17/05/2014-) RRS RRP- Nobivac 5 LN/A,N/A,10,1 ml (17/05/2014- 17/05/2014) - RRS RRP- Nobivac DHP - 1,N/A,N/A,10,1 ml	B - Possible	
		Kingdom								R> <br BR> Not Known</br 	es, ><		continued neurological signs- walking short distances and sitting. Awalting blood tests. Concurrently on treatment for skin infection. No further information received.			(15/05/2014\-BR>\BR>\Nobivac L4 15/05/2014\-BR>\BR>\Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (15/05/2014- 15/05/2014\-BR>\ \Surolan Ear Drops and Cutaneous Suspension - N/A,N/A,N/A,N/A,Unknown (15/04/2014-N/A)\-BR>\SR>	Unclassifiable/unassessa ble	
	GB-NUNTVINT-2014-UK-01631	United Kingdom	Animal	Canine/dog	18 Month(s)	17/03/2014	20/05/2014	1 1		Ves (1014)	Leucocytosis, Neutrophilla, Constipo tion, Vomiting, Eard Gischarge, Cancil ulcer, Doular discharge, Autoimmun disorder NOS, Poundert ministis, Nazi discharge, Ulcerative dermatitis, Scratching, Death by euthansaia, Anorexia, General pain (see other SDCS for specific pain), Ulceration NOS, Low tear flow, Ahommal test result, Ear irritation, Local swelling (not application sitelle, Nasal irritation, Skin inflammation NOS, Ottis NOS, Licking, Sore lip, Skir scab	a No Data al e al	Useration on noise, purulent discharge, Inflammation of muzzle and Ilp and constipation approximated 3 weeks after suchation. Treated with beginned in and resides, Four days later orbits externs, scab on noise. Four days later orbits externs, scab on noise. Four days later town strain and inspertence. Treated with cephisein, withdraw streoids. Blood tests show twocyrosis, exterpolities, monotoposis and elevated bile acids. Biopsies obtained of noise and Ilp under GA. Histology showed mixed cell dematitis consistent with auto-immune conditions including jour serythemations and erythema multiforme. Commenced on meprazole and steroids. Represented with corneal user, treated with artificial tess, nofloads, importate cyclopies, plasms, optimizume and tramadol. The days later diagnosed with KCC, started piriton and doxycycline. One week later inflammation of perineum, commenced cortavance. Three days later euthanised. No further diagnostics performed.	Spaniel		for Dogs - 1,N/A,N/A,10,1 ml (17/03/2014-17/03/2014)×BR> 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-01632	United Kingdom	Animal	Canine/dog	5 Year(s)	17/05/2014	06/06/2014	1 1		Not Known, < >BR>BR>CB Yes, BR> R>BR>Yes,	R> <b< td=""><td>No Data</td><td>Cardiac arrest 15 minutes post uscination and concurrent deworming. At the time of vaccination the 105 albo de-matted hogs east. The dog was resuscitated using corticosteroids and adrenaline. It was suspected the dog was blind following this. Cardiac arrest and death 1 hour later after the dog has gone home. No PME carried out.</td><td>Spaniel</td><td>14</td><td>Drontal Plus Flavour Bone Shaped Tablets - 1.5.N/A.N/A.2.1.5 dosage form (17/05/2014- NA)-RBRB-Nobivac KC - -4.N/A.N/A. 1.0.0.4 ml (17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 18/05/2014- 1</td><td>B - Possible</td><td></td></b<>	No Data	Cardiac arrest 15 minutes post uscination and concurrent deworming. At the time of vaccination the 105 albo de-matted hogs east. The dog was resuscitated using corticosteroids and adrenaline. It was suspected the dog was blind following this. Cardiac arrest and death 1 hour later after the dog has gone home. No PME carried out.	Spaniel	14	Drontal Plus Flavour Bone Shaped Tablets - 1.5.N/A.N/A.2.1.5 dosage form (17/05/2014- NA)-RBRB-Nobivac KC - -4.N/A.N/A. 1.0.0.4 ml (17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 17/05/2014- 18/05/2014- 1	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-01638	United Kingdom	Human	Human	32 Year(s)	21/05/2014	19/06/2014	1 1	0 21/05/	1014 Not Known	Injection site bleeding	Not Known	Female vet injected product into ring finger of left hand with dirty needle. Site was washed thoroughly, and was bleeding initially. No swelling. MAH has sent questionnaire. No response to questionnaire.	, Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,, 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-01641	United	Animal	Canine/dog	5 Year(s)	19/05/2014	22/05/2014	1 1	0 21/05/			No Data	MAH sent follow-up letter. No further information received. Case closed Uveitis, conjunctivitis and pyrexia two days after vaccination. Otherwise the dog is well. No further	Siberian Husky	Not	Nobivac DHP - 1,1,1 Years,24,1 Dose	B - Possible	
		Kingdom								R> Y			information.		Known	(19/05/2014- 19/05/2014) BR> RNobivac L4 Suspension for Injection for Dogs - 1,1,1 Years,24,1 Dose (19/05/2014- 19/05/2014) BR> BR>		
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7 Year(s)	06/05/2014	07/07/2014	1 1		1014 No, SR> BR> BR> BR>	es skin,Pruritus,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Skin irritation	No Data	Vomiting, lethargy and developing erythema and pruntis of six developed within 24 hours of vaccination. Dog was admitted and treated with IVFT, artiflocis and artiflications. Three days later pyrexia developed, medications were continued and steroids started. Dog reported to be improving. No further information.	Shih Tzu	8.4	Nobivac DHP - 1,1,1 Years,24,1 Dose (05/05/2014- 06/05/2014) <a 10.108="" br="" doi.org="" href="https://doi.org/10.108/bR>
 Suspension for Injection for Dogs - 1,1,1,2,4,1 Dose (06/05/2014- 06/05/2014/		

NOBIVAC L4	GB-NLINTVINT-2014-UK-01838	United	Animal	Canine/dog	1.8 Year(s)	03/06/2014	03/06/2014	1 1	0 03/		io, <b< th=""><th></th><th>No Data</th><th>Emesis 15 minutes post vaccination. Diarrhoea, recumbency and lethargy followed a few minutes</th><th>Yorkshire</th><th>1.7</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml</th><th>B - Possible</th><th></th></b<>		No Data	Emesis 15 minutes post vaccination. Diarrhoea, recumbency and lethargy followed a few minutes	Yorkshire	1.7	Nobivac DHP - 1,N/A,N/A ,10,1 ml	B - Possible	
		Kingdom								R	:×BR>Yes	aphylaxis,Hypothermia,Lateral recumbency		later. Tachycardia and hypothermia noted on examination 45 minutes post vaccination. Recovery 2 days later following treatment with fluids, antihistamines and Cerenia. Suspected anaphylaxis.	Terrier		(03/06/2014- 03/06/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/06/2014- 03/06/2014)-BR> 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-01879	United Kingdom	Animal	Canine/dog	14 Year(s)		26/06/2014	1 1	2 01/	05/2014 Ye	es	Not drinking,Fit,Disorientation,Death by euthanasia,Decreased appetite,Off colour,Abnormal test result,Generalised weakness	No Data	Fitting, weakness, disorientation, adipsia, anoresia and malaise within the five days after vaccination. Owners elected euthanasia. No PME. No further information pending.	Border Collie	20	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (N/A- 28/05/2014) 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-01884	United Kingdom	Animal			28/05/2014		1 1		06/2014 Ye		Hepatic cirrhosis, Enlarged liver, Disorientation, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Nephritis, Death by euthanasia, Death, Inappetence, Leth argy (see also Central nervous system depression in 'Neurological'), Ascites, Pancreatitis	No Data	isetharpy, actites and enlarged liver 5 days after vaccination. Abdominal drainage and sent home with medication (inspecified), 48 hours last inappetent, collapsed and owners elected to euthanise. PME shows assisties, hepastitis, crimotic appearance to liver, rephritis and pancreatitis. "NEW" "Suspected adowere reaction Vaccinated on 28 May 2014 with Nobious C.4, was fine at the time apart from arthritis and a bit lame. Seen on 2 June with a possible enlarged liver, letharpy and saciets of the abdomen. They did all full as pwitch showed clear fluid, this was distanted and was sent home on medication. Service on 4 June had deteriorated over the last two days, basically collapsed, not esting, owners decided to excludince. Has been sent for a post tometim opin case a wash in east for large and 1 paint part of the part of the publication of the control of the publication of the	Labrador Retriever	27	Nobiwa: L4 Suspension for Injection for Dogs - 1.N/A./A. (a.) d. in (28/05/2014-28/05/2014) <a "<br="" href="https://dexample.com/decample.com/d</td><td></td><td>NCA disagrees with MMH assessment - product
involvement in clinical signs cannot be fully
discounted.</td></tr><tr><td>NOBIVAC L4</td><td>GB-NLINTVINT-2014-UK-01948</td><td>United
Kingdom</td><td>Animal</td><td>Canine/dog</td><td></td><td>02/06/2014</td><td>05/08/2014</td><td>1 1</td><td>0 07/</td><td>06/2014 Ye</td><td>es</td><td>Injection site necrosis,Injection site
lump,Injection site pain,Injection
site weeping (see also
'skin'),Decreased appetite,Pyrexia</td><td>No Data</td><td>Injection site lump that is painful, decreased appette and pyrexis 5 days after vaccination. Treated
with amoxicillin clavulanate and rimadyl. Blood tests taken (results pending). Three days later injection
site necrosis and weeping. Dog improving on treatment. No further information recieved.</td><td>Other
Canine/dog</td><td>12.5</td><td>Nobivac L4 Suspension for Injection
for Dogs - 1,N/A,N/A,10,1 ml
(02/06/2014-02/06/2014)

</td><td>B - Possible</td><td></td></tr><tr><td>NOBIVAC L4</td><td>GB-NLINTVINT-2014-UK-02052</td><td>United
Kingdom</td><td>Animal</td><td>Canine/dog</td><td>9 Year(s)</td><td>02/06/2014</td><td>17/06/2014</td><td>1 1</td><td>0 03/</td><td>Ye
Ra</td><td>nown,
<BR

></td><td>Distress,Not
sleeping,Retching,Wheezing,Cough,
Decreased appetite,Breathing
difficulty,Reverse sneezing</td><td>Not
Known</td><td>Coughing, wheeting, distress, reverse sneezing, dysponea, anorresia, steeping difficulty within 24 hours
of vaccination. Treated with NSAIDs and torbugesic. No further information.</td><td>Yorkshire
Terrier</td><td>2</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml
Once 1 Animal (02/06/2014-
02/06/2014-887-88R-Nobivac KC -
4,N/A,N/A, 10,0.4 ml Once 1 Animal
(02/06/2014)-BR>-BR>-Nobivac L4
Suspension for Injection for Dogs
- 1,N/A,N/A, 20,1 ml Once 1 Animal
(02/06/2014)-BR>-BR>-BR>-Nobivac L4</td><td>No assessment performed</td><td></td></tr><tr><td>NOBIVAC L4</td><td>GB-NLINTVINT-2014-UK-02057</td><td>United
Kingdom</td><td>Human</td><td>Human</td><td>30 Year(s)</td><td>17/06/2014</td><td>17/06/2014</td><td>1 1</td><td>0 17/</td><td>06/2014 No</td><td>lot Known</td><td>Injection site bruising,Injection site
pain</td><td>Not
Known</td><td>Thirty year old female vet self injected into the top of her left thumb with a used needle after
vaccinating a dog. The thumb was washed and made to bleed immediately afterwards, and is now
bruised and painful. Further information has been requested by MMH.</td><td>Human</td><td>Not
Known</td><td>Nobivac L4 Suspension for Injection
for Dogs - ,,,,,

</td><td></td><td></td></tr><tr><td>NOBIVAC L4</td><td>GB-NLINTVINT-2014-UK-02072</td><td>United
Kingdom</td><td>Human</td><td>Human</td><td>31 Year(s)</td><td>04/06/2014</td><td>18/06/2014</td><td>1 1</td><td>0 04/</td><td></td><td>iot
inown,
<BR

>BR></td><td>Injection site bleeding,Localised
pain NOS (see other 'SOCs' for
specific pain),Localised numbness
(see also application site SOC)</td><td>Not
Known</td><td>Female vet sustained needle stick injury at tip of left index finger whist vaccinating a dog. The needle
was dirty, the injury bled, but was washed thoroughly. Two days later, the right side of the finger was
numb and painful when touched. The numbness improved but hadn't resolved. The vet was a locum
and has now left the country. No further information expected.</td><td>Human</td><td>Not
Known</td><td>Nobivac DHP - "> Nobivac L4 Suspension for Injection for Dogs ", 		
	GB-HLINTVINT-2014-UK-02084	United Kingdom	Animal	Canine/dog	6 Year(s)	02/05/2014	07/07/2014	1 1		05/2014 Ye	es	Restlesness, Dulines, Tachyarda, Heart murmur, Hyperthermia, Lethargy (see also Central nervous system depression in "Neurological", Uncoded sign, Ahnormal test result, Ear infection NOS, Featr valve disorder, Mouth pain, Murculosteletal pain,	No Data	Off colour, lethangic, joint stiff since date of vaccination. Treated with metacam. Pyrexia, duliness, an sac impaction, ear infection one week late, treated with seasots and deannaunt. On plan perioristic oedema, conjunctivistic, reluctance to neck ventroflexion and craniomandibular osteopathy three days later. Dog improved, second vaccination gione. Represented with similar signs < 24 hours after vaccination. Tests showed proteinuria, leukocytosis, neutrophila, monocytosis, hypoalbuminaemia, hyperpibulinaemia, hypocalcemia, elevated Ct. Ultrasound found no abnormalist. Treated with metacam and syndox. Approximately 2 weeks later presented with ideepines, lethangy, duliness, oral pain, low great heart murrur, carriac enzythmia, pain in crasifia abdomes, just infifices and pain and right from limb lameness. Admitted for NFT, steroids and NF antibiotics. PNA of joint fluid showed diopathic and infectious cause for polyarthritis, Lyme PCR regitive but antibodies positive.	Labrador Retriever	35	Noblwa L 4 Supersion for rightchin for Oogs - 1,3/M,4/,0,1 ml (02/05/2014-30/05/2014)-8R><8R>	B - Possible	
	GB-NLINTVINT-2014-UK-02125	United Kingdom	Human	Human	34 Year(s)	23/06/2014	30/07/2014	1 1		>< No	iot inown, <br iot Known</br 	Eye irritation,Eye pain,Eye sore and red,Eye stinging,Sore eye	Not Known	Female vet squirted a small (0.5 ml) quantity of vaccine into both eyes. Eyes washed with water. Vet feels fine generally, but eyes are a bit sore. Further information expected. Irritation persisted for 4 to 5 hours. No more information expected.	Human	Not Known	Nobivac DHP - ",, GR> Nobivac L4 Suspension for Injection for Dogs ",, GBR> 		
NOBIVAC L4		United Kingdom	Animal	Canine/dog	8 Year(s)	30/06/2014	02/07/2014	1 1		07/2014 Ye	es	Found dead	No Data	Found dead within 24 hours following 2nd dose vaccination of Nobivac L4. 1st dose was administered concurrently with Nobivac DHPPI and Nobivac Rabies 4 weeks earlier. No PME carried out.	Labrador Retriever	32	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (30/06/2014-30/06/2014) 	O - Unclassifiable/unassessa ble	
	GB-NLINTVINT-2014-UK-02274	United Kingdom	Animal	Canine/dog	10 Year(s)	17/06/2014	11/07/2014	1 1		07/2014 Ye	es		No Data	Thrombocytopaenia, lymphopaenia developed approximately 2 weeks after vaccination. Also spayed in between (GTC tumour R ovary). No further information.	Border Terrier	7.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/06/2014-17/06/2014) 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02317	United Kingdom	Animal	Canine/dog	4 Year(s)	09/06/2014	07/07/2014	1 1	·	06/2014 Ye	es	Lymphadenopathy,Lymphoma,Pale mucous membrane,Diarrhoea,Dyspnoea,De ath by euthanasia.Pyrexia	No Data	Diarrhoea and dyspnoea approximately 3 weeks after vaccination. Represented with lymphadenopathy. Diagnosed with high grade lymphoma, developed pyrexia, pale mucous membranes Euthanised approximately 1 month after vaccination.	Labrador Retriever	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (09/06/2014-09/06/2014) 	N - Unlikely	
	GB-NLINTVINT-2014-UK-02369	United Kingdom	Animal	Canine/dog		19/06/2014	09/07/2014	1 1		No.	nown,
BR> Jot Known</br 	Thrombocytopenia, Neutropenia, Sei zure NOS, Stumbling gait, Lethargy (see also Central nervous system depression in 'Neurological'), Incoordination	i Not Known	Seizure lasting 5 minutes within 24 hours of vaccination. Since then the dag developed a stumbling gall incoordination and tehargy. Thrombocytopenia and neutropenia identified. Treated with diazepam twice daily. Dog improved and fully recovered. No further information.	Spaniel	35	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (19/06/2014)-BR> Nobivac Rabies - 1,N/A,N/A, 10,1 ml (19/06/2014-19/06/2014)-BR> 		
	GB-NLINTVINT-2014-UK-02386	United Kingdom	Animal		12.5 Year(s)		06/08/2014	1 1		07/2014 Ye		Thrombocytopenia,Oral bleeding,Bruising	No Data	Oral haemorrhage 4 days post vaccination. A large bruise was noted under the tongue on examination. Blood tests showed thrombocytopenia. Advocate was applied around the same time as the vaccine. No further information recieved.	English Cocker Spaniel	r 14	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (02/07/2014-02/07/2014) 	O1 - Inconclusive	
NOBIVAC L4		United Kingdom	Animal		11 Week(s)	07/07/2014	31/07/2014	1 1		R	es, Yes	Neutrophilla, Diarrhoea, Vomiting, Ra titling, chest, Inappetence, Lethargy (see also Central nervous system depression in "Neurological"), Foaming at the mouth, Respiratory sound, Abnormal test result	No Data	Durnhoes and rales within 24 hours of vaccination. 48 hours later respiratory noise, emesis and furthe diarrhoes, lethangy and inappetence. Treated with decadeson, cefovecin, manopitant and electrolytes Snap test positive for parvovirus. No further information.	. Charles Spaniel		Nobivac DHP - 1,N/A,N/A,10,1 ml (07/07/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/07/2014- 07/07/2014)-BR> 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02411	United Kingdom	Animal	Canine/dog	5 Month(s)	21/06/2014	10/07/2014	1 1	0 os/	>< Ye	lot nown, <br es,
>BR>Not nown</br </br 	Lack of efficacy, Weight gain, Respiratory tract disorder NOS, Dullness, Vomiting, Cough, Letha rgy (see also Central nervous system depression in "Neurological"), Elevated temperature	Not Known	Suspected lack of efficacy, Coughing and weight gain noted 2 weeks poot vaccination with Noblava KC. DHP and L4. Deterioration of coughing 4 days later. Admitted and treated with Indis. Pyresia, lethary and duliness noted on examination. VS suspected lower airway disease. Treated with stomach protectarts and antibiotics. The VS had noted stridor prior to vaccination and had suspected brachlocephalic airway syndrome.	Bulldog	10.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (21/06/2014)-BR> Nobivac KC - 4,N/A,N/A,10,0 ml (21/06/2014-21/06/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (21/06/2014-21/06/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (21/06/2014-21/06/2014)-BR> 	No assessment performed	

NOBIVAC L4	GB-NLINTVINT-2014-UK-02412	United Kingdom	Animal	Canine/dog	3.6 Month(s)	02/07/2014	10/07/2014	1 1	0 02	/07/2014 Y	'es, <b t> Yes</b 	Joint effusion, Joint pain, Unable to stand, Lethargy (see also Central nervous system depression in 'Neurological'), Reluctant to move, Pyrexia, Swollen joint, Limping	No Data	Lamenes, lethargy, reluctant to move, pyresia and joint pain four days after vaccination administration (second vaccination of course), joint efficiant in stiffe, nodiagogally performed, treated with meloxicam. Represented the next day pyresia and with lameness and joint swellings in different legs. Treated with methadone, syndow, augment and burgermorphine. Next day whight and well but unable to stand. Started sterolds and tramadol. Dog improved over the next ten days and no further tests have been enformed. No further information.	Bulldog	10.5	Nobivac DHP - 1,N/A,N/A,24,1 Dose (02/07/2014- 02/07/2014\shr> \BR>\Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (02/07/2014- 02/07/2014\shr> 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-02464	United Kingdom	Animal	Canine/dog	8 Week(s)	14/07/2014	15/07/2014	1 1	0 14	/07/2014 N	No, <b X>BR> Yes</b 	Vomiting,Swelling around eye,Facial swelling (see also 'Skin'),Lethargy (see also Central nervous system depression in 'Neurological'),Off colour	No Data	Emesis immediately after vaccination. Facial swelling and perioribial orderna one hour later. Lethargy and malaise. Treated with steroids and antihistamines. Recovered 48 horus later. No further information.	Shih Tzu	2.45	Nobivac DHP - 1,N/A,N/A, 10,1 ml (14/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (14/07/2014- N/A) 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02487	United Kingdom	Animal	Canine/dog	8 Week(s)	07/07/2014	17/07/2014	1 1	0 09		'es, <b t> Yes</b 	Anaemia NOS,Leucocytosis,Heart murmur,Bloody diarrhoea,Renal disorder NOS,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Abnormal test result,Hypoalbuminaemia	No Data	Haemorrhage Clairhoea, Innapetence and lethargy within 48 hours of vaccination administration. Estimation 2 of six later showed long scale heart mrumur, uncap laps and entaingement, prexisa. Blood tests showed anaemia, leukocytosis and low albumin. Treated with IV fluids, antibiotics and pain relief Puppy fully recovered.	Labrador I Retriever	4.7	7 Nobiwac DHP - 1,N/A,N/A, 24,1 Dose (07/07/2014-N/A) Nobiwac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,1 Dose (07/07/2014- N/A) 	B - Possible	
	GB-NLINTVINT-2014-UK-02489	United Kingdom	Animal		1.6 Year(s)			1 1		R <	BR> Yes	Facial swelling (see also 'Skin'),Urticaria,Erythema (for urticaria see Immune SOC),Pruritus	No Data	Allergic oedema, facial pruritis, erythema, urticaria on head and hind legs. Treated with steroids and anthistamines. Recovered the next day.			3 Nobiwac DHP - 1,N/A,N/A, 24,1 Dose (16/07/2014-N/A) Nobiwac KC - 1,N/A,N/A, 24,1 Dose (16/07/2014-N/A) >-BR>Nobiwac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,1 Dose (16/07/2014- N/A) >-BR>		
NOBIVAC L4	GB-NLINTVINT-2014-UK-02515	United Kingdom	Animal	Canine/dog	1.2 Year(s)	17/07/2014	18/07/2014	1 1	0 17	F	'es, BR>KB I>BR>BR>Yes, IBR>CBR>KBR>KBR>KBR>KBR>KBR>KBR>Yes	Neutrophilla,Bloody diarrhoea,Vomiting,Not eating,Dry mucous membrane,Abnormal test result	No Data	Emesia, anorexia and haemonrhagic diarrhoea within 24 hours of tablet administration. The next day tacky mucous membranes. The dogs was just on IVTF for a few days and a faceal sample was sent to an external laboratory identifying campylobacter. Dog doing well at home. No further information.	Labrador n Retriever	18.5	Bravecto 500 mg Chewable Tablets for Dogs - 1.D/A,N/A, 24,1 Tablets Once 1. Animal (17/07/2014- 17/07/2014)-BR>-ORD-Nobiwac DMP 1.N/A,N/A, 1.0,1 mi (17/07/2014- 17/07/2014)-BR>-GR>-Nobiwac LA Suspension for injection for Dogs -1.N/A,N/A, 1.0,1 mi (17/07/2014- 17/07/2014)-BR>-CBR>-	B - Possible	
	GB-NLINTVINT-2014-UK-02516	United Kingdom	Animal	Canine/dog	3 Year(s)	24/06/2014	18/07/2014	1 1	0 14	F < E	t> Yes, :BR> < \$R> Yes	Epileptic seizure	No Data	Seitures three weeks after vaccinations. Bloods normal. No further seitures.	Other Canine/dog	13.4	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (16/05/2014-N/A) Nobivac KC - 1,N/A,N/A, 24,1 Dose (16/05/2014-N/A) >BR>Nobivac 14 Suspension for Injection for Dogs 1,N/A,N/A, 24,1 Dose (24/06/2014- N/A) >BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02522	United Kingdom	Animal	Canine/dog	8 Week(s)	02/07/2014	21/07/2014	1 1	0 06		'es, <b t> Yes</b 	Head tremor	No Data	Head tremor 4 days after vaccination. No investigations and no further information expected.	Golden Retriever	6	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (02/07/2014- N/A) 	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02537	United Kingdom	Animal	Canine/dog	6 Month(s)	19/07/2014	21/07/2014	2 2	1 19		'es, <b t> Yes</b 	Diarrhoea,Vomiting,Unexplained death	No Data	Emeis from one dog and diarrhoea and death of another within 24 hours of vaccination. V5 noticed a time of vaccination of dog that died had a "separated cerebella" (assumed open fontanelle). No PME conducted.	t Chihuahua	1.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (19/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (19/07/2014- N/A) 	O1 - Inconclusive	
	GB-NLINTVINT-2014-UK-02538	United Kingdom	Animal		Not Known		21/07/2014	1 1		F	t> Yes	Diarrhoea, Unexplained death	No Data	Diarrhoea and death an unknown period of time after vaccination. No PME conducted. No further information expected.	Other Canine/dog	Not Known	Nobivac DHP - 1,1,2 Weeks,10,1 ml- 1st dose 24th may 2nd dose 8th july (24/05/2014-N/A)<8R>-SRS-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (24/05/2014- N/A) 	O - Unclassifiable/unassessa ble	
	GB-NLINTVINT-2014-UK-02548	United Kingdom	Animal		13 Month(s)			1 1		F	No, <b R> No</b 	Injection site necrosis,Injection site swelling,Injection site weeping (see also 'skin'),Off colour,Pyrexia	Other	injection site swelling and weeping three days after vaccination administration. Dog also pyrexia and off colour. Progressed into nerotic kinut, brated with metacum, byrtil, drainage placement under anaesthesia. Started on Nisamox. Dog improved, eating well, area became firm and swollen. Pending C&S results.	Shepherd Do.	3	(18/07/2014- 18/07/2014) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	
	GB-NLINTVINT-2014-UK-02603	United Kingdom	Animal	Canine/dog		24/07/2014	28/07/2014	1 1		R	t> Yes	Vocalisation, Vomiting, Death, Lethar gy (see also Central nervous system depression in 'Neurological'), Listless	No Data	Emesis, lethargy within 2 hours of vaccination. 24 hours later still lethargic. Vocalisation and then death the next night. No PME, no further information expected.	Shih Tzu	2.77	Nobivac DHP - 1,N/A,N/A,24,1 Dose (24/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,1 Dose (24/07/2014- N/A) 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02619	United Kingdom	Animal	Canine/dog	5 Year(s)	27/06/2014	28/07/2014	1 1	0 29	/06/2014 N	40	Seizure NOS	Other	Convulsions 48 hours post vaccination. Recovery 30 to 60 seconds later with no treatment. No further seizures noted. The vaccine was below room temperature at the time of administration.	r Standard Poodle	26	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (27/06/2014-27/06/2014) 	O - Unclassifiable/unassessa ble	
	GB-NLINTVINT-2014-UK-02633	United Kingdom	Animal			25/07/2014	25/09/2014	1 1		/07/2014 Y		Embolism,Pulmonary oedema,Death by euthanasia,Hind limb ataxia,Hind limb paralysis,Abnormal necropsy finding	No Data	Ataxia, paralysis of hind limbs and death by euthanasia 2 days following vaccination. PME showed pulmonary ocelema and a fibro-cartilaginous embolism, which is likely to have caused the spiral cord sischemia.	Staffordshire Bull Terrier		7 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (25/07/2014-25/07/2014) 	ble	An embolus was found to be the most likely cause for the spinal cord ischaemia, but the cause of the embolus, although unlikely to be due to vaccination, is unknown.
NOBIVAC L4	GB-NLINTVINT-2014-UK-02644	United Kingdom	Animal	Canine/dog	1.5 Year(s)	21/07/2014	29/07/2014	1 1	0 22	/07/2014 Y	'es, <b t> Yes</b 	Pustules,Pruritus,Crust,Pustular skin eruption,Skin disorders NOS,Moist dermatitis	No Data	Crusting, molist, pustular pruntic dermatitis on face 24 hours after vaccination. Treated with corticosteroids, antihistamines and antibiotics. No further information expected.	Bulldog	29.5	Nobivac DHP - 1,N/A,N/A,24,1 Dose (21/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,1 Dosage (21/07/2014 N/A) 	O1 - Inconclusive	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02699	United Kingdom	Animal	Canine/dog	10 Year(s)	31/07/2014	01/08/2014	1 1	0 31	/07/2014 N	lot Known	Hyperactivity,Panting,Scratching,Inj ection site swelling	Not Known	Hyperactivity, pruritus or the face and body, tachypnoea and injection site swelling within 12 hours post vaccination. Slight improvement noted by the time was examined by a VS the next day. Treated with Dexadreson, outcome unknown.	Lakeland Terrier	9.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (31/07/2014-31/07/2014) 	B - Possible	

NORIVAC I 4	GB-NLINTVINT-2014-UK-02782	United	Animal	Canine/dog	7 5 Year(s)	15/07/2014	05/08/2014	1 1	1 1	5/07/2014	Yes, <b< th=""><th>Anaemia</th><th>No Data</th><th>Collapsed, pale mucous membranes, anaemia, tachycardia, pyrexia 14 days after vaccination</th><th>Golden</th><th>26.6</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml</th><th>0-</th><th></th></b<>	Anaemia	No Data	Collapsed, pale mucous membranes, anaemia, tachycardia, pyrexia 14 days after vaccination	Golden	26.6	Nobivac DHP - 1,N/A,N/A ,10,1 ml	0-	
NOSIVE IS	SD 1611 WW 2023 OR 02/02	Kingdom	2000	carmic, dog	, , , , , , , , , , , , , , , , , , , ,	13,07,1014	0,00,1014			3,07,2024	R> Yes	NOS,Thrombocytopenia,Tachycardi a,Pale mucous membrane,Rattling chest,Death,Lethargy (see also Central nervous system depression in 'Neurological').Pyrexia,Spleen hypertrophy,Abdominal oedema,Abnormal test result	No Bata	commissration produced abdominal fluid and whereas in the chest. Leukocytosis and neutrophilia. Thrombocytopaeria. Treated with steroids, ultrasound performed which shows hyperchoic spleen with regular borders, VS suspects splenic haemangiosarcoma. Died at home, no PME. No further information.	Retriever	10.0	(15/07/2014- 15/07/2014\-BR>\BR>\Nobivac L4 Suspension for injection for Dogs- 1.N/A.\/A,1.0.1 ml (15/07/2014- 15/07/2014\-BR>\ 	Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2014-UK-02810	United Kingdom	Animal	Canine/dog	10.1 Year(s)	06/08/2014	06/08/2014	1 1	0 0	06/08/2014	Yes, <b R> No</b 	Adipsia, Anorexia, Lethargy (see also Central nervous system depression in "Neurological"), Depression, Reluctan t to move, Elevated temperature, Abnormal posture NOS, Drowsiness - neurological disorder	Other	Lethargy, depression, pyrexia, ancrexia, adipsia within 30 minutes of vaccination administration. Abnormal posture noted. Started on IVFT. Sent home next day recovered. No further information expected.	Yorkshire Terrier	5.45	Nobivac KC - 1,N/A,N/A, 24,1 Dose (06/08/2014-06/08/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (06/08/2014-06/08/2014)-BR> 	B - Possible	Close temporal association, potentially hypersensitivity type reaction. Given history of liver condition may be factor in clinical signs, however timing suggests potential product association.
NOBIVAC L4	GB-NLINTVINT-2014-UK-02824	United Kingdom	Animal	Canine/dog	1 Year(s)	01/07/2014	08/08/2014	1 1	0 0	01/07/2014	Yes, <b R>BR> No</b 	Shaking,Hypersalivation,Disorientat ion,Appetite loss,Reduced level of consciousness,Dilated pupils	Other	Disorientation, impaired consciousness, mydissis and disking within a few hours post vaccination. These signs resolve within hours followed by hyperspathousn and annorsia which resolved after 3 days. No examination by a VS and no treatment given. The vaccine was used straight from the fridge and not at noom temperature as advised in the SPC.	Chihuahua	2.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (01/07/2014- 01/07/2014):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/07/2014- 01/07/2014):BR> 	B - Possible	I agree with the MAH assessment.
	GB-NLINTVINT-2014-UK-02879	United Kingdom	Animal	Canine/dog	2 Year(s)	26/06/2014	13/08/2014	1 1	0 0	94/07/2014	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR >Known, BR >Known, BR>	Uveitis,Third eyelid extrusion,Lack of efficacy,Abnormal test result	No Data	Suspected lack of efficacy. Third eyeld extrusion and uveits 8 days post vaccination. Treated with eye drops and pain relief. 3 days later some improvement noted, treatment continues, Reduced pupillary light reflex 8 days later in both eyes. Referred to ophthalmologist. Lab bets showed high Lepto titres. Treated with Roman. Bood tests taken again 1 month later showed reducing titres. Oags was deemed to live in a high risk area and lab said titres were unlikely to be due to the vaccination.	Beagle	14.2	Nobivac DHP - 1,N/A,N/A,10,1 ml (26/06/2014- 26/06/2014-BR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (26/06/2014- 26/06/2014)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (26/06/2014- 26/06/2014-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-02888	United Kingdom	Animal	Canine/dog	7.1 Year(s)	15/07/2014	14/08/2014	1 1	0 1	16/07/2014	Yes	Abdominal cavity disorder NOS,Loose stool,Vomiting,Polydipsia,Polyuria,I nappetence,Lethargy (see also Central nervous system depression in Neurological/Jahonrmal test result,Elevated liver enzymes,Abdominal discomfort	No Data	Emeis started 2A hours post vaccination, the vomit contained bits of football in it. Anorexia and distribed (orange coloured) the next disc. Canalla abdominal pain noted on examination. Blood tests showed hepatopathy. Treated with antibiotics. No improvement noted but polyuria and polydipsia started. Reported eating normally by 1 week after start of adverse event. No hepatic dysfunction found on blood tests 1 month later.	Scottish Terrier	20	Nobivac L4 Suspension for Injection for Dags - 1,N/A,N/A ,10,1 ml (15/07/2014-15/07/2014)-BR>~BR>	O1 - Inconclusive	I agree with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-02899	United Kingdom	Animal	Canine/dog	7.4 Year(s)	17/07/2014	12/09/2014	1 1	0 1	17/07/2014	Yes	Dullness, Halitosis, Ocular discharge, Jaundice, Twitching, Lethargy (see also Central nervous system depression in "Neurological"), Pyrexia, Dehydration, Dry mucous membrane, Abnormal test result, Shivering, Poor coat condition	No Data	Dull, stivering, twitching since vaccination. Pyresia and poor coat condition noted by VS. Treated with antibiotics, artificinamizatories, helyslation support and detay management. Represented 24 hours later with dehydration, haltiosis, jourdice and pyresia. 5 days later improved though still dull with greasy cost, started marboyst and clienged for eyes. Seen again? a weeks later, pyresia with poor cost quality, Bood tests taken, show renal insufficiency, planning on treating with IV fluids. No further information.	English Cocke Spaniel	r 14.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/07/2014-17/07/2014)-BR>-BR>-	O - Unclassifiable/unassessa ble	Clinical signs started in close temporal association with vaccination administration. Pending further blood results for assigning causality.
NOBIVAC L4	GB-NLINTVINT-2014-UK-02916	United Kingdom	Animal	Canine/dog	6.7 Year(s)	18/07/2014	20/10/2014	1 1	0 3	20/07/2014	Yes	Thrombocytopenia, Leucopenia, Pan ting, Appetite loss, Lethargy (see also Central nervous system depression in 'Neurological'), Listless, Off colour, Weight loss, Dny mucous membrane, Abnormal test result, Swollen lymph node, Elevated ALT, Elevated total bilirubin	No Data	Anorexis 2 days gost vaccination. Lethargy and malaise noted 2.5 weeks later. Weight loss noted on examination. Treated with Cerein, artiflicities and Zinz. Dehipation and stachyproses the nost day slood tests showed leucopenia, thrombocytopsenia and hepatopathy, umphademits noted on examination. Vs. suggests hymphoma. Owner refused to have dog admitted, so Deadrison administered. Further weight loss noted 5 days later. Owner declined RNA and dog appears to be making small improvements. The dog had a Notory of emesis and regurgitation since vaccination during the previous year. No further information.	Dogue de Bordeaux	41	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (18/07/2014-18/07/2014)-BR~BR>	O - Unclassifiable/unassessa ble	The initial signs of anoresia and eithrapy could be associated with workination bud due to the duration of the signs this makes it less likely. The VS suspects lymphoma.
	GB-NLINTVINT-2014-UK-02969	United Kingdom	Animal	Canine/dog		15/08/2014		1 1		17/08/2014		Dehydration,Bloody diarrhoea,Vomiting,Inappetence,Le thargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy, vomiting, haemonrhagic diarrhoea, dehydration and innappetance within 48 hours of vaccination administration. Treated with metronidazole and prokolin. No further investigation to be performed, dog much improved.	Other Canine/dog	12.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (15/08/2014-15/08/2014) BR> 	B - Possible	Reasonable temporal association, and lethargy/innapetance have been seen following vaccination administration though haemorrhagic diarrhoea is unexpected.
NOBIVAC L4		United Kingdom	Animal		13 Week(s)	20/08/2014	30/09/2015	1 1		,,,,	Yes, <b R> Yes</b 	Comeal disorder NOS,Blue eye	No Data	Corneal acidema noted in both eyes within 24 hours post 2nd dose vaccination. Patches in both corness and comean deelma confirmed the next day on examination. No improvement following steroid an antibiotic treatment. Referral for an opthalmic examination diagnosed bilateral deep corneal scarring and pigmentation. The specialist thinks this is unlikely to be due to vaccination but cannot rule it out.	Not Applicabl	4	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/08/2014- 20/08/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/08/2014- 20/08/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-02991	United Kingdom	Human		48 Year(s)	,,	14/10/2014	1 1	0 2	21/08/2014	Not Known	Injection site bruising,Injection site pain,Injection site reddening	Not Known	Vet accidentally scratched a female owner"s left arm near the elbow with a needle prior to vaccinating her dog. No vaccine was injected and there was no bleeding. Owner reported slight bruising, soreness and redness an hour later. Further information requested from MAH. Patient confirmed that the symptoms resolved within a week.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,, 		
	GB-NLINTVINT-2014-UK-03005	United Kingdom	Animal	Canine/dog	3 Month(s)	22/08/2014	22/08/2014	1 1	0 2	22/08/2014	Yes, Yes	Facial swelling (see also 'Skin'),Urticaria,Allergic skin reaction,Hives (see also 'Skin')	No Data	Facial swelling, hypersensitivity, utilizaria and hives within 24 hours of vaccination administration. Improved with steroid and antihistamine treatment, but hadn''t fully resolved at time of reporting.	Bulldog	7	Nobivac DHP - 1,N/A,N/A,10,1 ml (22/08/2014- 22/08/2014)-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/08/2014- 22/08/2014)-BR>>BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03025	United Kingdom	Animal	Canine/dog	6 Year(s)	26/06/2014	30/09/2014	1 1	1 2	24/08/2014	Yes,cBR> 	Restlessness.Anaemia NOS.Spiennesgay, Traftycardia Pale nuccus membrane, Loose stool, Tarry or blask stool (See also haemorrhagic diarrhoea), Vomiting, Hepatomegaly, Jaundice, Polydipiai, Polyuria, Tachyp nose Panting, Deapth by euthanasia, Anorexia, Decreased appetite, General pain (see other SOCs for specific pain/hypothermia, Depression, Off colour-Pyresia, Laboured breathing, Respiratory signs; Dry nuccus membrane, Aborom teating haemolytic anaemis, Elevoted liver enzymes, Hypoglycaemia, Hsematuri a, Hypoglycaemia, Hypoglycae	Other	Haematurki, lehtangy, pyrexia and anorexia 4 days following 2nd dos ne Noblwac L4 and 2 months following 13 dos and concurrent Noblaco CPP administration. Blood test showed anaemia. Treated with fluids and other unspecified treatment. Repeat blood tests 2 days later showed anaemia and hepatopathy, Jaundice also now evident. Euthanasia due to deterioration despite treatment. No PME carried out.	English Cocke	r 20.5	Nobius OHP - 1,N/A/N/A 24,1 Dose (25/05/2014) 28/06/2014)=RR-Wabivas L4 Suspension for injection for Dogs - 1,N/A/N/A 24,1 Dose (26/05/2014-20/08/2014)+BR>-BR>	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2014-UK-03045	United Kingdom	Animal	Canine/dog	7 Week(s)	15/08/2014	26/08/2014	1 1	0 15/08/20	4 Yes, <er>×BR>Yes</er>	Tachycardia,Pale mucous membrane,Vomiting,Anaphylaxis,O f colour	No Data	Emesis, lethargy, pale mucous membranes and tachycardia within minutes post vaccination. Treated with antihistamines and fluids. Recovery 30 minutes later. Possible anaphylaxis.	Other Canine/dog	6.7	Nobivac DHP - 1,N/A,N/A,10,1 ml (15/08/2014- 15/08/2014)>BR>Nobivac L4 Suspension for Injection for Dogs	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-03072		Animal		3.5 Year(s)	07/08/2014	28/08/2014			.4 Yes, <e< th=""><th>Flatulence,Loose</th><th>No Data</th><th>Ernesis and haemorrhagic diarrhoea one week following vaccination. Treated with IVFT, antibiotics and</th><th></th><th></th><th>1,N/A,N/A ,10,1 ml (15/08/2014- 15/08/2014) <b Nobivac DHP - 1,N/A,N/A ,10,1 ml</b </th><th></th><th>Product relationship very unlikely, no temporal</th></e<>	Flatulence,Loose	No Data	Ernesis and haemorrhagic diarrhoea one week following vaccination. Treated with IVFT, antibiotics and			1,N/A,N/A ,10,1 ml (15/08/2014- 15/08/2014) <b Nobivac DHP - 1,N/A,N/A ,10,1 ml</b 		Product relationship very unlikely, no temporal
		Kingdom	Animai	Canine/dog		07/08/2014	26/06/2014	1 1	15/06/20	R> <b< td=""><td>ristunence, Loose, stool, Vomiting, Decreased appetite, Off colour, Pyrexia, Blood in faeces</td><td>NO Data</td><td>prokolin. After second vaccination given, 6 days later anorexia, malaise, haemonrhagic diarrhosa, flatulence, pyrexia. Treated with rantidine, prokolin, gastrointestinal food. No investigations conducted. Dog is known to experience GIT symptoms when stressed. Nothing further expected.</td><td>a Greynouna</td><td>25</td><td>(07/08/2014- 07/08/2014\ BR>Nobivac KC - 4,N/A.N/A ,10,0.4 ml (07/08/2014- 07/08/2014\ BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A ,10,1 ml (07/08/2014- 07/08/2014\</td><td>Unclassifiable/unassessa ble</td><td>Articular treationship very familiery, in clientifloral association, however similar symptoms after both vaccination administrations. The dog is known to have GIT symptoms brought on by stress, so perhaps the stress of vaccination was the primary contributor to clinical signs, but as no diagnostics have been performed unable to completely rule out any product involvement.</td></b<>	ristunence, Loose, stool, Vomiting, Decreased appetite, Off colour, Pyrexia, Blood in faeces	NO Data	prokolin. After second vaccination given, 6 days later anorexia, malaise, haemonrhagic diarrhosa, flatulence, pyrexia. Treated with rantidine, prokolin, gastrointestinal food. No investigations conducted. Dog is known to experience GIT symptoms when stressed. Nothing further expected.	a Greynouna	25	(07/08/2014- 07/08/2014\ BR>Nobivac KC - 4,N/A.N/A ,10,0.4 ml (07/08/2014- 07/08/2014\ BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A ,10,1 ml (07/08/2014- 07/08/2014\	Unclassifiable/unassessa ble	Articular treationship very familiery, in clientifloral association, however similar symptoms after both vaccination administrations. The dog is known to have GIT symptoms brought on by stress, so perhaps the stress of vaccination was the primary contributor to clinical signs, but as no diagnostics have been performed unable to completely rule out any product involvement.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03172	United Kingdom	Animal	Canine/dog	10 Month(s)	15/01/2014	03/09/2014	1 1	0 30/08/20:	4 Yes, <c R> Not Known</c 	Neutropenia, Diarrhoea, Vomiting, H ypothermia, Lethargy (see also Central nervous system depression in "Neurological"), Lack of efficacy, Abnormal test result, Hypoalbuminaemia, Hypokale mic condition, Abdominal discomfort.	Not Known	Suspected lack of efficacy, Lethargy, emests, diarrhoes, anorexia, hypothermia and abdominal pain? months post vaccinous, administeral at 10 weeks 3 day, or dage. Picratele with links, Gerenia and Synulox. Shap test positive for parvovincs. Blood tests showed neutropsenia, hypoalbuminaemia and hypokalaemia. Improvement following further symptomatic treatment.	Yorkshire Terrier	3.35	5 Nobiwac DHP - 1,N/A,N/A ,10,1 ml (15/01/2014- 15/01/2014/sBR> Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (15/01/2014- 15/01/2014)-BR>>BR>	No assessment performed	
	GB-NLINTVINT-2014-UK-03190	United Kingdom	Animal			27/08/2014		1 1		4 Yes, <er>>CBR>Yes</er>	Injection site pain,Adipsia,Death by euthanasia,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Injection site mass	No Data	Lethargy starting 4 days after vaccination, hjection site mass, injection site pain, pyrexia, adipsia and anorexia of 3 days duration. Owners elected euthanasia, no PME performed.	Charles Spaniel	12	Nobivac DHP - 1,N/A,N/A,24,1 Dose (27/08/2014- 27/08/2014\sqrtan=28R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (27/08/2014- 27/08/2014)-BR> 		NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03191	United Kingdom	Animal	Canine/dog	10 Year(s)	26/08/2014	29/09/2014	1 1	0 29/08/20:	4 Yes, R×BR> No, 	Ottis externa, Deafness, Internal ea disorder, Ottis media	Other	Deafness within 24 hours post vaccination and 9 days after start of Ottomas for the treatment of otts externs. The days are were examined at the time of vaccination and no concern were noted. Further investigation has shown bullee changes in both ears on radiographs and both tympanic membranes were ruptured. Left ear fluid filled and right ear contained debris. Nothing further.	Staffordshire r Bull Terrier	26	Nobiwac DHP - 1,N/A,N/A, 24,1 Dose (26/08/2014-26/08/2014-26/08/2014)+CRP-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A 24,1 Dose (26/08/2014-26/08/2014)+CRP-SRP-Otomax Ear Drops Suspension - N/A,N/A,N/A N/A,u/Amicom dose rate (8 Day(s) 20/08/2014-28/08/2014)+CRP-SRP-	N - Unlikely	Although desfiness is an unexpected sign following vaccination and the Goy was being treated for or tits eaterna making Otomax the most likely cause of the desfiness, no definitive cause determined. Further investigation has shown the membranes were rugbured and therefore off-label use of Otomax is the most likely cause.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03203	United Kingdom	Animal	Canine/dog	8 Week(s)	23/07/2014	04/09/2014	1 1	1 23/07/20	4 Yes, <e R>BR> Yes</e 	Death, Dehydration, Tense abdomen, General illness	No Data	Abdominal pain, malaise, dehydration leading to death within a few days of vaccination. No PME performed, no more information available.	Basset Hound	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014\BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03204	United Kingdom	Animal	Canine/dog	8 Week(s)	23/07/2014	04/09/2014	1 1	1 23/07/20:	4 Yes, <e R> Yes</e 	Death, Dehydration, Tense abdomen, General illness	No Data	Abdominal pain, dehybration, death and malaise in a puppy starling a few days after vaccination. Breeder treated at home with lectade, the puppy died. No PME performed.	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014\-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GB-NLINTVINT-2014-UK-03205	United Kingdom	Animal	Canine/dog	8 Week(s)	23/07/2014	04/09/2014	1 1	1 23/07/20:	4 Yes, <er>>CBR>Yes</er>	Death, Dehydration, Tense abdomen, General illness	No Data	Malaise, abdominal discomfort, dehydraston and death within a few days of vaccination. The dog was not seen by a VS, treated with lectade and died. No PME performed.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A ,10,1 ml (23/07/2014- 23/07/2014\sers-\text{BR>Nobivac L4} Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (23/07/2014- 23/07/2014\sers-\text{BR>}	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03207	United Kingdom	Animal	Canine/dog	8 Week(s)	23/07/2014	04/09/2014	1 1	1 23/07/20	4 Yes, <er>>Yes</er>	Death, Dehydration, Tense abdomen, General illness	No Data	Malaise, abdominal discomfort, dehydration and death within a few days of vaccination. The dog was not seen by a VS, treated with lectade and died. No PME performed.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH comments.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03212	United Kingdom	Animal	Canine/dog	10 Year(s)	04/04/2014	05/09/2014	1 1	0 04/04/20:	4 Yes, <e R>BR> Yes</e 	Injection site pain, Tachycardia, Pale mucous membrane, Vomiting, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Cyanosis, Hyperthermia, I acial oedema	No Data	Injection site pain after first administration of vaccination (time not specified). Anaphylaxis, emesis, collages, pale microusi membranes, perionsi, starbyrardia within 15 minutes of administration. Treated with IVPT and steroids. Developed facial oedema and pyrexia. Recovered by the next day, sen home with pirton. Nothing further.	Coton de Tuléar t	5.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (04/04/2014) - 04/04/2014) - 04/04/2014) - 08/04/2014) - 08/04/2014 - 1,N/A,N/A, 24,1 Dose (01/04/2014-01/05/2014) - 08/05/2014	A - Probable	NCA agrees with MAh assessment. Clinical symptoms consistent with hypersensitivity reaction.
	GB-NLINTVINT-2014-UK-03218	United Kingdom	Animal	Canine/dog	,	23/07/2014	04/09/2014	1 1		R×BR×BR>Yes	Death, Dehydration, Abdominal discomfort, General illness	No Data	Malaise, abdominal discomfort, dehydration and death within a few days of vaccination. The dog was not seen by a VS, treated with lectade and died. No PME performed.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/07/2014- 23/07/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GB-NLINTVINT-2014-UK-03242	United Kingdom	Animal	Canine/dog		21/08/2014	11/09/2014	1 1		4 Not Known	Diarrhoea, Loose stool, Vomiting, Swelling around eye, Conjunctivitis, Death by euthansia, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'], Pyrexia, Mucous stool, Biood in faeces, Acute renal failure. Elevated BUN	Not Known	Letharya and diarrhoea within 24 hours post 2m dose vaccination. Pyresia noted 4 days later. Treated with bland diet, antibiotics, and rehystention solution. Slight improvement noted by the next day but savelling above right eye also noted. Treated with Decadesion and antibiotics. Emesis and haemorrhagic diarrhoea 3 days later. Antibiotics changed leading to anorexia. Blood tests showed renal insufficiency. Cuthanasia. No PME carried dut.	English Springer Spaniel	20.5	l Nobinac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (21/08/2014-21/08/2014)+8R>-8R>	O1 - Inconclusive	Some signs occurred on the same day as the 2nd dose vaccination and therefore likely to be related. Swelling of the face and renal failure less likely to be related and occurred a few days later. No PME carried out.
	GB-NLINTVINT-2014-UK-03262	United Kingdom	Animal	Canine/dog	10 Week(s)	04/09/2014	23/09/2014	1 1		4 Yes, <e R>BR>GBR>Yes Yes BR>GBR>GBR></e 	Duliness,Anaemia NOS,Inappetence,Lethargy (see also Central nervous system depression in Yeurological'),Pyrexia,Weight loss,Respiratory sound,Abnormal radiograph finding	No Data	Lethurgy within 24 hours of vaccination, Advocate and Dronott administration. Presented 4 days later with lethurgs, dislines, ancreals, preset, weight loss and registratory noise. Treated with antifinifiammatories, antibiotics, electrolytes and a recovery diet. Dog showed improvement. Blood taken with cilentified anxenia, adologaths showed suspicion of lungowrom. Dog has been started on steroids and panacur. Lungworm not confirmed but dog improved following treatment.	Not Applicable		3 Advocate Spot-on Solution for Medium Dogs - 1,N/A,N/A, N/A,N/A,N/A (04/09/2014)-BR>-GBR>Nobivac DHP 1,N/A,N/A, 1,0.1 mi (04/09/2014-04/09/2014-08R>-GBR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 1,0.1 mi (04/09/2014-04/09/2014)-BR>-GBR-OBR-NOBIVAC L4 Suspension for injection for Dogs - 1,N/A,N/A, 1,0.1 mi (04/09/2014-04/09/2014)-BR>-GBR>-GBR-OBR-NOBIVAC LA SUSPENSION LA LA SUSPENSION LA	B - Possible	Pending further information and definitive diagnostics, VS suspicious of Imp worm. However close temporal association with initial clinical signs.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03264	United Kingdom	Animal	Canine/dog	4 Month(s)	27/06/2014	09/09/2014	1 1	0 13/08/20	4 Yes, <e r="">BR> Not Known, Not Known</e>	Diarrhoea, Vomiting, Lack of efficacy, Abnormal test result	Not Known	Suspected lack of expected efficacy, Disurhoea, vomiting, diagnosed with parvovirus 7 weeks after vaccination administered (did not get 2nd vaccination). Recovered after 5 days supportive treatment.	Bichon Frise	3.19	Nobivac DHP - 1,N/A,N/A,10,1 ml (27/06/2014-N/A) >Rb>Nobivac KC - 4,N/A,N/A,10,0.4 ml (27/06/2014-N/A) >Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (27/06/2014- N/A) > >	No assessment performed	

	GB-NLINTVINT-2014-UK-03293	United Kingdom	Animal	Canine/dog	3.2 Year(s)	04/09/2014	25/09/2014	1	1 0	08/09/2014	Yes, <e R> Yes BR> Yes</e 	alopecia, Injection site bruising, Injection site necrosis, Injection site swelling, Restlessness, Hypothermia, Abnormal test result	No Data	Injection site bruising, swelling, necrosis within 4 days of vaccination administration, animal also restless. Identified injection site abscess, has been sent sample for C&S. Started metronidazole, rimad and synulox. Recovery. Culture showed isolation of Streptococcus and Corynebacterium.	American Iyl Cocker Span	10.:	Nobivac DHP - 1,N/A,N/A,10,1 ml (04/09/2014-04/09/2014-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/09/2014-04/09/2014-04/09/2014-04/09/2014-04/09/2014-BR>-BR>Nobivac Rabies - 1,N/A,N/A,10,1 ml (04/09/2014-04/09/2014-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03324	United Kingdom	Animal	Canine/dog	6.2 Year(s)	10/09/2014	12/09/2014	1	1 0	11/09/2014	No	Aggression,Seizure NOS,Disorientation	Other	Convulsions 24 hours post vaccination lasting for 5 minutes, this was followed by disorientation and aggression. Back to normal later the same day with normal blood and urine tests results. The vaccine was not at room temperature at the time of administration.	Labrador Retriever	32.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (10/09/2014-10/09/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03327	United Kingdom	Animal	Canine/dog	8 Week(s)	19/08/2014	11/09/2014	1	1 1	19/08/2014		Strabismus, Vocalisation, Abdominal anin, Vomitting, Impaired vision, Lameness, Neurological signs NOS, Unable to stand, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Wheezing, Rattling chest, Tackynose, Death, Inappeten ce, Hyperthermia, Weakness, Sternoa bdominal recumbency, Closed eyelid	No Data	Anorexia, emesis within 24 hours of vaccination. Lameness developed next day, continued vomiting. Treated with bugenophine. Presented 11 days after vaccination, recurrebnt, plepharopsaym, tachypnoea, increased respiratory sounds, abdominal pain, neurological signs, vocalisation. Progressively worsened, developed impaired vision and strabusmis and was euthanised at another practice. No PME, nothing further.	Chihuahua	0.8	Nobiac DHP - 1,N/A,N/A,10,1 ml (15/08/2014-18) Nobiac DHP - 1,N/A/A,10,1 ml (15/08/2014)-BR>-cBR>Obbiac L4 Suspension for injection for Dogs - 1,N/A/A/A, 10,7 ml (15/08/2014-15/08/2014)-BR>-cBR>	O1 - Inconclusive	Initial presenting signs may occur following vaccination administration however enemological signs delayed would be unexpected. No diagnostics performed.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03393	United Kingdom	Animal	Canine/dog	12 Year(s)	12/09/2014	16/09/2014	1	1 0	12/09/2014		Dullness,Leucocytosis,Lymphopenia Neutrophilia,Diarrhoea,Ataxia,Deci eased appetite,Ahnormal test result,Shivering,Hyperphosphataem ia,Elevated BUN,Elevated creatinine,Ahnormal radiograph fiorlina	No Data	Severing and ataxia immediately post vaccination. Dullness and anorexia noted over the next 2 days. Diarrhoes started 2 days post vaccination. Blood tests 2 days later showed elevated ALFS, elevated BUN, hyperphosiatheamia, leucocyclosis, hymphopenia and reutophilia. Chest radiographs showed lung changes. Treated with dexamethasone, frusemide, Veralfox and Baytril leading to improvement. The dog had been on Prednisolone and Corvental for 1.5 years prior to this for pulmonary disease.	Yorkshire Terrier	3.5	Nobivac DHP - 1,N/A,N/A,24,1 Dose (12/09/2014- 12/09/2014)+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (12/09/2014- 12/09/2014)+BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03430	United Kingdom	Animal	Canine/dog	10 Year(s)	05/09/2014	17/09/2014	1	1 2	14/09/2014	Not Known	Ansemia NOS,Low platelet court, Leucopenia, Tachycardia, Hyp othyroidism, Not drinking, Death by euthanasia, Inappetence, Lethargy (see also Central nervous system depression in "Neurological"). Abnormal test result, Rapid pulse result, Rapid pulse enziet, Hypopalbuminaemia, Elevated liver enzymes, Hyperglycaemia, Elevated BUN, Petechiae NOS	Not Known	Lethargy 10 days post vaccination. Anorexia and adipsia 2 days later. Petechiae, bounding pulse and tachycarda noticed on examination. Blood tests showed anaemia, leucopenia, thrombocytopaemia, hypopulbumiaemia, hyperglycemia, heptopatpath, hypotphroidium, hypocaclaemia and elevated BUN. Euthanasia the next day. No PME was carried out. The dog was on antihistamines at the time of vaccination due to unspecified skin lumps.	Crossbred	2:	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (IOS/09)/2014-05/09/2014 -BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03436	United Kingdom	Animal	Canine/dog	8 Month(s)	17/09/2014	18/09/2014	1	1 0	17/09/2014	Yes, <e R> Yes</e 	Sleepiness - neurological disorder,Loose stool,Skin petechiae,Allergic skin reaction	No Data	Sain petechae on ventral thorax, allergic skin reaction in axilia and ventrum, somoilence and diurrhoea 2 hours post vaccination. Dog treated with Piriton, outcome unknown.	Miniature Dachshund	5.45	Nobivac DHP - 1,N/A,N/A,10,1 ml (17/09/2014- 17/09/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/09/2014- 17/09/2014)-BR> 	B - Possible	NCA agrees with the MAH assessment.
IOBIVAC L4	GB-NLINTVINT-2014-UK-03443	United Kingdom	Animal	Canine/dog	3 Month(s)	17/09/2014	07/10/2014	1	1 0	17/09/2014	No	Restlessness, Inappropriate defecation, Inappropriate urination, Vocalisation, Leucocytosis, Tachycardia, Fit, Seizure NOS, Lack of coordination (see also "Ear" - vestibular disorder, Joanning at the mouth, Abnormal test result, Paddling, Hyperglycaemia, Hyperghosphataemia, Elevated creatine kinase (CK)	Other	Letharys, inappropriate unination, inappropriate defectation within 12 hours of administration of second vaccination in primary course. Next morning conceivings, padding involvantary unination and defectation hypersalivation, attask on recovery. Seen by VS vocalising, restless, tachycardia, and blood tests identified mild leukocytosis, mild monocytosis, elevated. ALEV Pypergipseams, hypersalizamis, low Nax' ratio. The dog had a further 4 seizures that day, Epiphen and Keppra treatment started but dog continues to have petit mal seizures at home.	German Shepherd Do		Nobiwa: L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/09/2014-17/09/2014)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH comments. Question sent to MAH regarding follow up of case.
	GB-NLINTVINT-2014-UK-03482	United Kingdom	Animal	Canine/dog		11/08/2014		1	1 0	12/08/2014		Diarrhoea, Polydipsia, Epileptic seizure, Polyuria, Lethargy (see also Central nervous system depression in 'Neurological'), Loss of concentration	Other	Lethargy 24 hours post vaccination (given straight from fridge, off-label use), lasting for 5 days. Diarrhoes, polydipsis and polynin 5 day post use facination. Epileptic seture and loss of consciousness J week post vaccination. The dog was diagnosed with Epileptic y 2 years prior to vaccination and was been treated with phenobarbital at the time but had not had a seizure for over 1 year.	Golden Retriever	44.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (11/08/2014-11/08/2014) 	O1 - Inconclusive	Lethargy can be associated with vaccination, there was a close time association. The diarrhoea and the seizure are considered less likely to be associated with the vaccine and other causes are possible.
IOBIVAC L4	GB-NLINTVINT-2014-UK-03536	United Kingdom	Animal	Canine/dog	12 Year(s)	23/09/2014	25/09/2014	1	1 0	24/09/2014	Yes	Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Abnormal test result,Elevated liver enzymes	No Data	Emesis 24 hours post vaccination following by lethargy. Blood tests 2 days post vaccination showed elevated liver enzymes, higher than they were on a previous blood test 10 months earlier. The dog had a history of chronic hepatitis.	Labrador d Retriever	27	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (23/09/2014-23/09/2014) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03558	United Kingdom	Animal	Canine/dog	10 Year(s)	24/09/2014	26/09/2014	1	1 0	25/09/2014	Yes, <e R>BR> No, BR> No</e 	Hypertension,Bloody diarrhoea,Blood in vomit_tethargy (see also Central nervous system depression in "Neurological"],Pyrexia	Other	Haemorrhagic diarrhoea, haematemesis, pyrexia and lethargy 24 hours post vaccination. Treated with fluids, Zartac, Cerenia and Vetergesic. Improvement the next day but hypertension noted on examination.	English Springer Spaniel	20.3	Nobivac DHP - 1,N/A,N/A,24,1 Dose (24/09/2014- 24/09/2014-BR>>BR>Nobivac KC - 1,N/A,N/A,24,1 Dose (24/09/2014- 24/09/2014-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (24/09/2014- 24/09/2014-BR>>-BR>>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03581	United Kingdom	Animal	Canine/dog	15 Month(s)	09/09/2014	28/11/2014	1	1 0	10/09/2014	Yes	Lack of efficacy,Abnormal test result,Elevated liver enzymes,Elevated ALT	No Data	Suspected lack of efficacy. Hepatopathy noted on blood tests carried out 24 hours following 2nd dose vaccination, 4 weeks after the 1st dose. Further tests showed positive Lepto titres at 1:800. PCR to be carried out. Treatment started with Denamarin and Nisamox. Nothing further.		14.65	Avoir 2014 cm > cm Avoir 2014 cm Avoir 201	O - Unclassifiable/unassessa ble	Insufficient information
NOBIVAC L4	GB-NLINTVINT-2014-UK-03617	United Kingdom	Animal	Canine/dog	4 Month(s)	24/09/2014	08/10/2014	1	1 0	24/09/2014		Not drinking, Joint effusion, Joint pain, Inappetence, Lethargy (see also Central nervous system depression in "Neurological"), Weakness, Reluctant to move, Jaw pain	No Data	Lethangs, amoresia and adiption within 24 hours post successfun. Pyresia noted on examination of days later. Treated with vetergesic and Synous. Lethangs, joint festion and pitot pitot model the net stay. The dog appears to be stiff and painful on its jaw when trying to eat. Bloods tests were normal, full recovery 2 weeks later.	Crossbred	6.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (24/09/2014- 24/09/2014\BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/09/2014- 24/09/2014\BR> 	B - Possible	NCA agrees with the MAH assessment.

NORIVAC 14	GB-NLINTVINT-2014-UK-03627	United	Animal	Canine/dog	1.8 Year(s)	29/09/2014	17/11/2014	4 1	0 29/09/	014 Yes. <	B Mouth	No Data	Anorexia. ataxia. recumbency and suspected mouth pain within 24 hours post vaccination. Dull.	Dura	6.07	Nobivac DHP - 1.N/A.N/A .24.1 ml	O1 - Inconclusive	Close time association with vaccination and some
MORNACIA	GB-NLINTVINT-2014-UK-03673	Kingdom	Animal	Caping Man	1.3 Year(s)	02/10/2014	07/01/2015		2 8000	R> Ye	sairtypoatbumina emia Walking difficulty. Typeralaemia JAkaling difficulty. Typeralaemia NOS, Eosinophilia, Leucoytosis, Neutropenia, Neutrophilia, Jemendraemia Condition, Ataxia, Recumbency, Tach ypnoea. Hypothermia, Lethary (see also Central nevous system depression in Neurological"). Officolour Mucous disol, Altonomia menace reflex test, Limb weakness, Projecception deficit, Not eating. Abnormal test axia.	Other	lethary, emesis, diarrhoea, dercrased proprioception, weak hind limbs, decrease menace reflex and resistance to opening mount the next day on examination. Biood tests showed hyposalbuminaemia, elevated AJT, hypocalcaemia, low cholesterol, low creatime, low globulins and hypoproteinsemia. Treated with bupercophine and antibiotics. Progessively womened, lethargy and difficulty waiking. Vocalising and malaise, abdominal pain. Radiographs revealed gas in lower GT, enlarged bladder. Catherer passed, hematuria and billuthurais denfield: facetal analysis postive for sospora. Neutropenia, monocytosis, eosinophilia, anaemia, hypocalcaemia, hypertalemia, albuminaemia, elevated blea each, elevated liver enzyme. Terathern with metronidazole, radiidin, methodone, amoxyclav. Showed improvement. Positive bloods and faccal tests for isospora. Nothing further, unknown if recovered as dog has not returned to the practice.	Crossbred	0.35	(23/09/2014-25/06/20	B - Possible	signs are non-specific and could be expected following vaccination, but other signs are unexpected. Positive for isospora. NCA serves with the MAH assessment.
		Kingdom	Animai		,			1 1		R> No	s beir trauma, Tachycardia, Diarrhoea, Vom iting, Facial swelling (see also Skin), Scratching, Lethargy (see also Central nervous system depression in 'Neurological'), Elevated temperature, Erythematous rash, Allergic pruritus	Other	administration of womer. Allergic oedems of the face, pyrexia, Izachyzardia the next day. Improvement following treatment with antibitamines. Purtus of the muzite silft opinging 2 days later with erythema in groin and allergic oedema worse again. Treated with IVFT for 48 hours, discharged from hospital, further antihistamines started, improvement over the next day.	Crossbred		(02/10/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (02/10/2014- 02/10/2014) -BR> 	B - Possible	
NOBIVAC L4	GB-NLINTVINT-2014-UK-03678	United Kingdom	Animal	Canine/dog	4 Month(s)	29/09/2014	18/10/2016	1 1	1 30/09/:	914 Yes, >CR	DeathLoss of consciousness,FILLeucocytosis,Inap propriate urination,Inappropriate defecation,Eyes rolling back,Collappe (see also 'Cardio- vascular' and 'Systemic disorders'),Foaming at the mouth,Lateral recumbency	No Data	Supercted adverse reaction. Vaccinated with Noblava: DHP and Noblava: L4 on the 1 Sept and 29 Sept 20.41. Oog had 1 ff not the 30 sept, 20 can and 18 to not the 30 cett. gains called cologistic on his oldes; to 20 cett. gains called cologistic on his oldes; losing consciousness, eyes rolling, foaming at mouth and recovering after 5 minutes. Has occurred shortly after food on some occasions therefore low glucose seems utilitée), On examination (30 cett), bright, alert and responsive. Nothing abnormal on examination. Nothing abnormal reported on bloods further seture on the 4 and 5 oct. the pure stronglying his order than 18 cetter of the 18 cett	German Shepherd Dog		Noblac DHP - 1,M/A,M/A, 24,1 Dose (22/09/2014) (22/09/2014) (23/09/2014):RB-RB-Noblava L4 Suspension for injection for Dogs 1,M/A/M/A, 24,1 Dose (25/09/2014- 29/09/2014):RB-SBP>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03727	United Kingdom	Animal	Canine/dog	2 Year(s)	29/09/2014	28/07/2015	1 1	0 30/09/:	Yes	Duliness,Hypoglycaemia,Low platelet platelet count,Leucocytosis,Neutrophilia,M eningits,Tachypnoea,Cough,nappe tence,Lethargy lice also Central nenous system depression in Neutrological"),Depression,Localise d pain NOS (see other "SOCs" for specific pain),Pyrexia, Athoromal test result,Stiffness NOS,Anaemia NOS	No Data	Lethaugs, anorexia within 24 hours of vaccination administration. Progressed to pyrexia, treated with NSAIDs. Developed duffiess and focialized pain furnable to turn heady, reduced pain perception, coughing and depressed. Blood tests show anaemia, neutrophilia, monocytosis, thrombocytopaemia, hypopolyzemia and hypocytolearstroleamia. Sent home on norostu. Developed techyponea, depression, fullness, pyrexia. Planning on conducting CSF tap, chest and neck radiographs and steroids improvement following streoid treatment atthough still some pain. Seroids were stopped 2 months; later. Dog presented again 8 months after this with pyrexia and neck stiffness. Treated with further steroids. The vet suspects a relapse of steroid responsive meningitis.	Border Collie	16	Nobivac L4 Suspension for trijection for Dogs - 13/l/A/IA, 24_1 ml [29/09/2014-29/09/2014]-BR>-BR>-BR>	B - Possible	NCA agrees with the MArt.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7.2 Year(s)	26/09/2014	06/01/2015	1 1		Yes, Yes	s pain,Meningitis,Anorexia,Off colour,Abnormal test result,Eye pain,Mouth pain,Sore mouth,Jaw pain,Otitis NOS,Dental disease,Dull	No Data	Anorexia, malaise and vocalitation 2 days post vascination. Coular discharge, mouth pain/jaw pain and outlist noted on earnimation. Eye drops started. Examination under enaesthetic showed no abnormalities. Treated with Tramadol and steroids continued (was on steroids prior to vaccination for allergic skin condition). Vocalisation, pain when touched on the head or mouth. Referred for blood tests, CT scan and CF stap: results suggested or deminights. Does of steroids was increased leading to some improvement. CSF tap shows steroid responsive meningitis. Dog recovered. On tapering doses of steroids. Nothing (further.	Not Applicable		(26/09/2014- 26/09/2014) Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (26/09/2014- 26/09/2014) SR> SR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-03804	United Kingdom	Animal	Canine/dog		10/10/2014	10/10/2014	1 1		R> >BR>Ye >BR> Yes	s, cial swelling (see also < "Skin").Lethargy (see also Central nervous system depression in "Neurological")	No Data	Emeisi, diarrhoes, allergic oedems of the muzzle and lethargy 1 hour post vaccination. Recovery 30 minutes later following artihistamine and Cerenia administration. Suspected anaphylaxis.	Maltese	3	Nobinz DHP - 1,N/A,N/A,24,1 Dose (10/10/2014-10/10/2014)-RR>-RB>-Nobinzc L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (10/10/2014-10/10/2014)-RB>-RB>-Nobinzc Rabies - 1,N/A,N/A,24,1 Dose (10/10/2014-10/10/2014)-RB>-RB>-Nobinzc Rabies - 1,N/A,N/A,24,1 Dose (10/10/2014-10/10/2014)-BR>-BR>		NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-03809	United Kingdom	Animal		6.3 Year(s)	02/10/2014	17/11/2014	1 1	0 04/10/:		Abnormal test result, Weakness of limb, Head shake - ear disorder, Palpebral disorder NOS, Third eyelid protrusion, Limb weakness, Facial paralysis, Impaired proprioception	Other	Unlateral facial paralysis within 48 hours of vaccination administration. Absemt palpebral reflex, third yeeligi portusion, for extensive third boards budricant. One week later developed limb weakness and proprioceptive deficit. Commenced on steroids. Dog reported to now be collapsing on hind legs, and has been referred to Edihourgh University. Diagnosed with disposable facial news paralysis and neoplasia or inflammatory disease. MRI showed normal brain and inner ear. Head shaking has also been reported. Treated with Sommetral.	English Springer Spaniel	26	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (02/10/2014-02/10/2014) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-03814	United Kingdom	Animal	Canine/dog	Not Known	07/10/2014	10/10/2014	1 1	1 07/10/	014 Yes, < R> >BR>No	bleeding,Oral bleeding,Vomiting,Recumbency,Nas al bleeding,Death,Lethargy (see also Central nervous system decression in 'Neurological')	Other	Constigation, emesis, lethatgy, happetant within 24 hours of vaccination. Treated with bland diet. Next day, lethatgi and recumbent, rectal bleeding, oral bleeding, nasal bleeding and death. No PME. Nothing further expected.	Crossbred		L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,1 ml (07/10/2014- N/A) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03831	United Kingdom	Animal	Canine/dog	12 Week(s)	23/09/2014	20/10/2014	1 1	0 25/09/.	No, < R> No No No BR> No	Walking difficulty, Anaemia , NOS, Leucocytosis, Tachycardia, Loo	Other	Diarrhoes an unspecified period post 3.tl dose vaccination. Ataxia 2.8 hours following DHPP 2nd dose vaccination and such of Panacur administration for the treatment of soft fasees. Recovery within a few hours. Ataxis, head tremor and slow menace reflex 3 days later. Improvement within 3D minutes but ataxis continued and tachycardia noted on examination. Blood texts showed leucocytosis and anaemia. No further information.	Beagle		Nobivac DHPPI - 1,N/AN/A, 10,1 ml Once 1 Animal (23/09/2014- 07/10/2014/BR-SBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A, 10,1 ml Once 1 Animal (23/09/2014- 23/09/2014)-SBR-SBR-Panacur Small Animal 10% Oral Suspension - 1.65,1,1 Days,10,daily for 5 days (5 Dayski JN/A-07/10/2014/SBR-SBR-SBR-	O1 - Inconclusive	Soft faces after 1st vaccination are not expected but role of vaccine cannot be ruled out.

NOBIVAC L4	GB-NLINTVINT-2014-UK-03837	United Kingdom	Animal	Canine/dog	8 Week(s)	25/09/2014	20/10/2014	1 1	0 25/09/2	Yes, R>BR>BR>No Known	Injection site lump,Injection site t pain, Restlessness, Dullness, Sleepine ss - neurological disorder, Haemophilla, Tachycardia, Pale mucous membrane, Decreased appettie, Hypothermia, Lethagy (see also Central nervous system depression in 'Neurological'), Decreased packed cell volume (FCV)	Not Known	Sommolence 24 hours post vaccination and concurrent Drontal and Advocate administration. Recover 3 days later with no treatment. 2nd vaccination of Noblwc DHP and L4 and microchig given 2 weeks later. Injections late lump noted later the same day. Increase in lump size and injection site pain 2 day later. Treated with NSAIDs. TAM of lump taken 2 days later showing frank blood. Pale mucous membranes, hypothermia, Early-cards, increase in lump size, pain, tethurgy, dullness and anorexia. Tests showed anaemia (PCV 10%). Puppy diagnosed with Haemophilia A.	y Jack Russell Terrier	1.8	Nobivac DHP - 1,N/A,N/A,10,1 ml (25/09/2014- 25/09/2014) Nobivac L4 Suspension for injection for Dogs 1,N/A,N/A,10,1 ml (25/09/2014- 25/09/2014) 	O1 - Inconclusive	Sommolence possibly related to vaccination but injection site bleeding was due to underlying Haemophilu.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03896	United Kingdom	Animal	Canine/dog	3 Year(s)	06/09/2014	22/01/2016	1 1	0 27/09/2	014 Yes, < R> Ye	Faecal impaction, Diarrhoea, Vomiting, Seizu re NOS, Lethargy (see also Central nervous system depression in 'Neurological'), Dehydration	No Data	Seizure, emesis, diarrhoea 3 weeks after initial vaccination. Treated with emeprid and cerenia. Represented 2 weeks later for 2nd vaccination and developed diarrhoea and lethargy within 1 hour. Emesis the next day. Treated with metronidazole, ranlidine, IV fluids, probootic. Showed improvement but no further stools passed. No further information.	Weimaraner		Nobivac KC - 1,N/A,N/A, 24,1 Dose (06/09/2014- 06/09/2014) SRS>SBS>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (06/09/2014- 06/09/2014) SRS>SRS>RSS SRS>SRS>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (06/09/2014- SRS>SRS>SRS>SRS>SRS>SRS>SRS>SRS>SRS>SR	O - Unclassifiable/unassessa ble	Insufficient data to assign causality.
	GB-NLINTVINT-2014-UK-03901	United Kingdom	Animal	Canine/dog	12 Week(s)	15/10/2014	16/10/2014	1 1	0 15/10/:	R> Ye Not Known	Swelling around , eye, Anaphylaxis, Facial swelling (see also 'Skin'), Urticaria, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Allergic cedema of the eyes, muzule and hind legs and urticania and lethargy within 2 hours post vaccination. Treated with corticosteroids leading to improvement by the next day. Suspected anaphylavis.	Lhasa Apso	2.15	Nobivac DHP - 1,N/A,N/A,24,1 Dose (15/10/2014-15/10/2014)+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (15/10/2014-15/10/2014-BR> Vanguard 7 - 1,N/A,N/A,24,1 Dose (01/10/2014-10/10/2014-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03914	United Kingdom	Human	Human	40 Year(s)	16/10/2014	16/12/2014	1 1	0 16/10/2	014 Not Known	Injection site bleeding	Not Known	Dog owner was restraining her dog prior to its vaccination. When she moved her hand she caught the clean needle under the nail of her left middle finger. No product was injected. The injury bled but was	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,, 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-03927	United Kingdom	Animal	Canine/dog	1.3 Year(s)	10/06/2014	17/10/2014	1 1	1 19/08/2	014 Not Known, 68 > 68 No		Other	washed immediately. No further information received. Sospected left co, Poncesia, Garrinoes, Juundice, dehydration, letharge, elevated liver enzymes, elevated blirubin, renal insufficiency, hyperglycaemia approximately 2 months after vaccination. Dog died. Leptospirosis diagnosed through urine and blood PCR. Nothing further.	English Cocker Spaniel	13.6	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (10/06/2014- 10/06/2014)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (10/06/2014- 10/06/2014)-BR>-BR>	O1 - Inconclusive	NCA agrees with MAH comments regarding case. Further diagnostics would be needed to identify if the Leptospirosis was a vaccine strain.
NOBIVAC L4	GB-NLINTVINT-2014-UK-03991	United Kingdom	Animal	Canine/dog	2.8 Year(s)	20/10/2014	22/10/2014	1 1	0 21/10/:	714 Yes, < R> Ye	B Knuckling,Slow reflexes,Arched back	No Data	Limb knuckling, slow reflexes, hunched, within 24 hours of vaccine. Colvazone injection administrated, no diagnostics, no further information expected. Dog had similar reaction with Nobivac KC 6 months prior.	Chihuahua	3.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/10/2014- 20/10/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/10/2014- 20/10/2014)-BR> 	B - Possible	Timing and previous adverse reaction causing same clinical signs using different vaccine suggests possible product related reaction.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04033	United Kingdom	Animal	Canine/dog	4 Year(s)	08/10/2014	30/10/2014	1 1	0 22/10/2	014 Yes, < R> Ye		No Data	Injection site lump 14 days post vaccination. Was approximately 7-8 cm in site when seen by NS 2 days later. File needle against showed bloody recors fluid. VS diagnosed tissue reaction and adjopse necrosis, Lab results suggest sterile inflammation. Lump still present but less raised. Diarrhoea noted 7 days later however VS attributed this to the treatment (unknown).	English Springer Spaniel	23	Nobivac DHP - 1,N/A,N/A,10,1 ml (08/10/2014- 08/10/2014) Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (08/10/2014- 08/10/2014\cdot R><8R>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2014-UK-04036	United Kingdom	Animal	Canine/dog	16 Week(s)	26/09/2014	24/10/2014	1 1	0 17/10/:	014 Not Known, <bi > <br< td=""><td>Thrombocytopenia, Diarrhoea, Inap t petence, Lethargy (see also Central nervous system depression in 'Neurological'), Decreased packed cell volume (PCV), Dull</td><td>Other</td><td>Lethargy, anorexia, mild diarrhoea within 24 hours post vaccination (3rd vacc of DHP). Treated with antibiotics and probiotics. Re-seen 3 days later as no improvement; namenic. Piaced on fluids and dicharged the next day, had fully resolved. Dull, anorexic the next day late in hospital, Manemia had worsened, and moderate thrombocytopenia. Patient still in hospital, well in self. No further information.</td><td>Chihuahua</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (17/10/2014- 17/10/2014)+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Once 1 Animal (26/09/2014-26/09/2014)+BR> </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assesssment</td></br<></bi 	Thrombocytopenia, Diarrhoea, Inap t petence, Lethargy (see also Central nervous system depression in 'Neurological'), Decreased packed cell volume (PCV), Dull	Other	Lethargy, anorexia, mild diarrhoea within 24 hours post vaccination (3rd vacc of DHP). Treated with antibiotics and probiotics. Re-seen 3 days later as no improvement; namenic. Piaced on fluids and dicharged the next day, had fully resolved. Dull, anorexic the next day late in hospital, Manemia had worsened, and moderate thrombocytopenia. Patient still in hospital, well in self. No further information.	Chihuahua	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (17/10/2014- 17/10/2014)+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Once 1 Animal (26/09/2014-26/09/2014)+BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assesssment
NOBIVAC L4	GB-NLINTVINT-2014-UK-04071	United Kingdom	Animal	Canine/dog	3 Year(s)	23/10/2014	28/10/2014	1 1	0 24/10/2	914 Yes, < R>BR>Ye	vomit	No Data	Haematemesis within 24 hours past vaccination. Dog was not presented to vets. Emesis continued with flecks of bloody, urinary retention, off colour, anxiety for 4 days since vaccine. Antepsin and cerenia administered. Nothing further.	Border Collie	14.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (23/10/2014- 23/10/2014)-BR> Nobivac Pi - 1,N/A,N/A, 10,1 ml (23/10/2014- 23/10/2014)-BR> 	B - Possible	NCA agrees with MAH
	GB-NLINTVINT-2014-UK-04156	United Kingdom	Animal	Canine/dog	12 Year(s)	28/10/2014	03/11/2014	1 1	0 29/10/2	014 Yes, < R> Ye	B Lameness, Neurological signs NOS, Lack of coordination (see also "Ear" - vestibular disorder), Proprioception deficit	No Data	Lamenes, staxia, hindlimb propriocoptive defects within 24 hours post vaccination. Previously been on XXII for GA, however V5 feets these signs not attributable to arthritis. No treatment given. Mild improvement noted 3 days later. Nothing further.	English Cocker Spaniel	21.7	Nobivac KC4,N/A,N/A,10,0.4 ml (28/10/2014- 28/10/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/10/2014- 28/10/2014\cdot BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2014-UK-04176	United Kingdom	Animal	Canine/dog	10 Year(s)	21/10/2014	13/11/2014	1 1	1 23/10/2	714 Yes	Death by euthanasia Letharyg (see also Central nevous system depression in Neurological) Depression, Reluctar to move, Elevated temperature. Lung sound, Ahoromal test result, Spondylosis, Swollien lymph node; Hypoal Burninaemia, Elevated liver enaymes, Abdominal discomfort, Bronchopneumonia, Les copriosis, Conjunctivitis, Joint pain, Panting, Increased respiratory raise.	No Data	Lethargs, Lethypocea, reluctant to move, conjunctivitis, hymphaderistis (bub mandibular), abdominal pain, joint pain (enzuy/Larsus) noted 2 days post succination. Treated with antibiotics, analgesia, and eye o intrement. One week later, deteriorated further, depressed and reluctant to move at home. Conjunctivitis womened, facthypones with harsh rales, abdominal pain, hyperthermile, leuccyotosis, elevated ALP. Treated with NPT, restarted NSAIDs. No obvious joint effusion on radiographs. Bronchioalvelosis patter with spains approxylosis. Su supered bronchial peneumonia and arthritis flare up. The next days, still depressed but eating, Dog was diagnosed with hypertrophic pulmonary osteopathy and eurhanised on an unknown date. Nothing further.	Crossbred	32	Nobiwa: L4 Suspension for Injection for Oogs - 1/NA/N, 10.1 ml (21/10/2014-21/10/2014) - BR>> BR>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2014-UK-04197	United Kingdom	Animal	Canine/dog	7.6 Week(s)	27/10/2014	04/11/2014	7 1	1 03/11/2	014 Yes, < R> Ye	B Death, Hypothermia, Lethargy (see also Central nervous system depression in 'Neurological'), Abnormal stool colouration	No Data	Lethargy, hypothermia and dark faces in 1 out of 7 pupples 1 week post vaccination, leading to death No PME was carried out. Parents of pupples were last vaccinated 2 years prior to this.	n. Pug	0.5	Nobivac DHP - 1,N/A,N/A ,10,1 ml (27/10/2014- 27/10/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (27/10/2014-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04198	United Kingdom	Animal	Canine/dog	7.6 Week(s)	27/10/2014	04/11/2014	7 3	0 27/10/2	Yes, Yes	B Lethargy (see also Central nervous system depression in "Neurological"),Off colour	No Data	Malaise and lethargy in 3 pupples out of 7 within an unspecified period post vaccination. Possibly treated with antibiotics. Death of one of the other pupples (see case 2014-UK 04197). Vs reported that other pup had fluid on the brain but this is not confirmed and further information could not be obtained.	Pug	0.53	27/10/2014/sBR>-sBR> Nobivac DHP - 1,N/A,N/A,10,1 ml (27/10/2014- 27/10/2014)-sBR>-sBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (27/10/2014- 27/10/2014/sBR>-sBR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04209	United Kingdom	Animal	Canine/dog	4 Year(s)	05/11/2014	24/11/2014	1 1	0 05/11/2	914 Yes, < R>BR>>BR>Ye	B Behavioural disorder NOS,Vocalisation,Unable to stand	No Data	Strange behaviour, growling (coded as vocalisation), attaks within 6 hours post vaccination. No treatment given. Dog returned to normal within 1 week. Nothing further expected.	Labrador Retriever	35	2/10/2014/SBR>-SBR> Mobiwac DHP -1,N/A,N/A,10,1 ml (05/11/2014- 05/11/2014)-SBR>-SBR>Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (05/11/2014- 05/11/2014)-SBR>-SBR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment

NOBIVAC L4	GB-NLINTVINT-2014-UK-04247	United Kingdom	Animal	Canine/dog	Not Known	01/01/2013	07/11/2014	1 1	0 01/01/201	3 Yes, <e< th=""><th>Diarrhoea, Vomiting</th><th>No Data</th><th>Emesis and diarrhoea 24 hours post vaccination. Treated with fluids and symptomatic treatment. Recovery 24 hours later.</th><th>Other Canine/dog</th><th>Not Known</th><th>Nobivac DHPPi - 1,N/A,N/A ,10,1 ml (01/01/2013-</th><th>B - Possible</th><th>NCA agrees with the MAH assessment.</th></e<>	Diarrhoea, Vomiting	No Data	Emesis and diarrhoea 24 hours post vaccination. Treated with fluids and symptomatic treatment. Recovery 24 hours later.	Other Canine/dog	Not Known	Nobivac DHPPi - 1,N/A,N/A ,10,1 ml (01/01/2013-	B - Possible	NCA agrees with the MAH assessment.
																01/01/2013) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/01/2013- 01/01/2013) 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-04306	United Kingdom	Animal	Canine/dog	12 Year(s)	04/11/2014	11/11/2014	1 1	0 09/11/201	4 Not Known, BR > BR>BR Not Known	Vomiting, Jaundice, Decreased appetite, Elevated liver enzymes, Elevated ALT, Elevated total bilirubin	Not Known	Smeis S days after vaccination and ongoing treatment with NSAID. Jauralice, ancresia, hyperbillinubneamic, and elevated liver entymes and ALT when seem by VS met day. Treated with hyperbillinubneamic, and elevated liver entymes and ALT when seem by VS met day. Treated with maropitant, antibiotics and recovery food. Best guess Rimadyl product. Nothing further expected.	Border Terrier	10.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/11/2014- 04/11/2014-BR> Rimadyl Palatable Tablets for Dogs 20 mg - N/A,N/A,N/A,N/A,N/A (01/01/2014- 01/01/2014)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	G8-HUNTVINT-2014-UK-04330	United Kingdom	Animal	Canine/dog	6 Month(s)	25/07/2014	12/11/2014	1 1	1 04/11/201	4 Not Known, GRX-SR >GRX-GRX-GRX Yes	Pale mucous membrane, Vomiting, Dysuria, Death by euthanasia, Decreased body temperature, Lehrang (See also Central nervous system depression in Neurologica ¹), Lack of efficiacy, Abnormal test result, Elevated en enzymes, Hyperkaisemia, Flypokaie mic Condition, Hyperphosphataemia, Ele vated BION, Elevaside total bilincibir, Haematoma NGS Increased reanabilition time.	No Data	Saspected lack of efficacy. Emesis, lethargy 4 months post second vaccination. Hypothermia, pale mucous membrane, mild hypobaleamic, low chirolie, elevited BUM, elevated creatinine, elevated phosphorous, elevated ALT/ALKP/total bilinchin. Treated with IVFT, antibiotics, antiemetics, hepatic support. Dyrain's Herefore urinary cathered piaced. Treated with IVFT, antibiotics, antiemetics, hepatic support. Dyrain's Herefore urinary cathered piaced. Treated with directic, urine output suboptimal. Treated with gastrointestinal protectants, glucose added. Hernations developed at site of verepourcture; coagglation time increased therefore treated with plasma transmission and Vitamin K, and mannatol to increase urine output. Euthanased due to continuing eleterioration. No PME. PCR positive on urine sample for Leptospirosis (serovan not specified). Nothing further expected.	Labrador Retriever	23	Noblac DHP - 1,1/L/N/A (3.01. m) [25/07/2014- [25/07/2014-] 25/07/2014-BR-Noblac L4 Suspension for Injection for Dogs - 1,N/A,N/A 1.0.1 m) [25/07/2014- [25/07/2014-BR-HBP-HBP-HBP-HBP-HBP-HBP-HBP-HBP-HBP-HBP	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2014-UK-04355	United Kingdom	Animal	Canine/dog	,	03/10/2014	22/01/2016	1 1	1 11/10/201	Known, BR > BR>BR> Not Known	Vocalisation, Abdominal pain, Rectal bleeding, Diarhoea, Oynuting, Hepat omegaly, Death, Anorexia, Hypother mia, Off colour, Lack of efficacy, Abnormal test result, Abnormal stool colouration, Abnormal necropsy finding	l Not Known	Suspected lisk of expected efficacy. Disurhose, off colour, vocalisation, abdominal pain, emesis and annorska one week after vaccination. Abdominal discomfort and rectal bleeding. Freated with IVFT, augmenth, vetergesic, emergind, canikur and prescription diets. Showed some improvement, Isospora diagnosed in faeces. Developed emesis and diarnhose one week later and became anortesic. Wormed the next day and died 40 hours later. Laboratory results showed positive for leptopira burgetersenil serovar Hardjo bovis. Large number of rats in the area. No further information.	Beagle	Not Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (03/10/2014-N/A) <br->-RB-Nobivac LA Suspension for Injection for post 1,N/A,N/A, 24,1 ml (03/10/2014- N/A) - </br->	N - Unlikely	NCA agrees with MAH.
	GB-NLINTVINT-2014-UK-04373	United Kingdom	Animal		5 Month(s)		14/11/2014	1 1		4 Yes, <e r=""> Not Known, BR> </e>	Anaemia NOS, Thrombocytopenia, Leucopenia, Neutropenia, Diarrhoea, Vomiting, Death by euthanasia, Inappetence, Lethargy (see also Central nervous system depression in Neurological'), Lack of efficacy, Abnormal test result, typogylacemia, typerphosph ataemia, Elevated BUN, Elevated creatinine	Not Known	Suspected lisk of expected efficacy, Inappetence, emesis, lethargy and distributes approximately 3 weeks after reson ovacination in primary course, and now evels after being treated for ingestion of buporfien. Blood tests identified hyperphosphatemia, renal insufficiency, elevated haematocrit, leucogaenia, neutropaenia, low monocytopaenia, escinopaenia, thrombocytopaenia, hypoglycsemia, faecal test positive for parvovius and clostridium perfringens. Treated with IVFT and supportive treatment, deteriorated and euthanised. No PME, nothing further.	Labrador Retriever	22.4	(13/08/2014- 13/08/2014)-BR>-BR>Nobivac KC- A,N/A,N/A, 10,0.4 mi (13/08/2014- 13/08/2014)-BR>-BR>Nobivac L4 Suspension for injection for 005- 1,N/A,N/A, 24,1 ml (13/08/2014- 13/08/2014)-BR>-BR>	No assessment performed	
	GB-NLINTVINT-2014-UK-04399	United Kingdom	Animal	Canine/dog	5 Month(s)	18/08/2014	17/11/2014	2 1	1 09/11/201	4 Yes, <e R> Yes</e 	Leucocytosis, Pale mucous membrane, Vomiting, Dyspnoea, Tac hypnoea, Death by euthanasia, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Immune mediated haemolytic anaemia, Abnormal stool colouration, Elevated total bilirubin	No Data	Off colou, emeis 3 months after vaccination in one out of 2 vaccinated pupples. Seen by VS with pair mucous membrane, lethargy, Latypone, dyspones, immune mediated heamofty can aemis, change in stool colouration (darker). Anaemia identified with a leucocytosis and hyperbilirubhanemia. Treated with steroids and antibiotics, euthanised the next day. No further information expected.	e Cavalier King Charles Spaniel	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (18/08/2014- 18/08/2014)-RR>-KBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (18/08/2014- 18/08/2014)-KBR>-KBR>	O - Unclassifiable/unassessa ble	Insufficient information to assess. The NCA agrees with the MAH comment, InstM has been associated with vaccination however no evidence of true diagnosis and incident occurred 3 months following vaccination. Two products used.
	GB-NLINTVINT-2014-UK-04434	United Kingdom	Animal	Canine/dog	1.6 Year(s)	20/08/2014	06/01/2015	1 1	0 01/11/201	4 Yeş, R×BR>NoI Known	Thrombocytopenia.Low platelet count_elucorytos_Anaemia NGS.Neutrophilia_Diarrhoea_Yomitin_get_epatitis_Nephritis_Renal insufficiency_Lack of efficacy_Uncoded sign_Abnormal test; they poalbuminaemia_Elevated liver enzymes_Hyperphosphataemia_Elevated total billrubin_Elevated total billrubin_Elevated creatine_Elevated total billrubin_Elevated creatine_Elevated total billrubin_Elevated creatine_Elevated creat	No Data	Suspected lack of expected efficacy. Emesis and diarnhous 6 weeks after vaccination, and receiving ful primary course the year before. Seen by St, leshrapic, leukorpois, lymphopeants, monocytosis, renal insufficiency, elevated liver enzymes, elevated creatine kinase, hyperphosphataemia, hyperphilosubaemia, elevated BL2. Suspected immune mediated haemolytic anaemia (not confirmed on tests). Started on treatment IVFT, doxycycline, carbon/t J. And steroids, mostly unchanged after one-week. Urine creations levated and protein elevated all one seroids evolugity dentified leptosprosis australia, bratishava and autumnals, 2nd and 3rd serology samples indicated decreasing tones, suggestive of vaccine induced titres. VS now suspects Alabama Rot but this is not confirmed.	II German Short- haired Pointing Dog	- 20	Noblwa L 4 Supersion for Injection for Dogs - 1/NA/N/2.4.1 ml [20/08/2014- 20/08/2014-81-08-08-Noblwac PI- 1.N/A,N/A,10.1 ml [20/08/2014- 20/08/2014/-8R>-6R>	O - Unclassifiable/unassessa ble	Efficacy can be expected. No FCR to assign final causality but 7 alone long varieties are considered to the control of the con
NOBIVAC L4	GB-NLINTVINT-2014-UK-04465	United Kingdom	Animal	Canine/dog	2 Month(s)	17/11/2014	20/11/2014	1 1	0 18/11/201	4 Yes, <e R> >Not Known</e 	Anaemia NOS,Diarrhoea,Vomiting,Elevated temperature,Weight loss,Not eating,Ahnormal test result, Hypoalbuminaemia,Elevated liver enzymes,Hypoproteinaemia,Throm bocytosis,Hyponatremia	Not Known	Emesis, pyrexia, weight loss, annorexia commencing within 24 hours of vaccination. Treted with antibiotics, antienticsic, intravenous littles. Radiographs definited irregular persistiss and gas in stomach. Positive panovirus test (unknown what type of test), showed improvement over next 3 days anamenia, thorondoryoxiosi, hypoalbuminemia, elevated the recrumpes, low urea and creatinine, hypoproteinaemia, hyponatraemia. Clinical signs continued. No further information.	German Spitz Pomeranian i,	1.36	Nobixac DHP - 1,N/A,N/A,10,1 ml (17/11/2014- 17/11/2014)&BR>-BR>Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A,2 A/N (17/11/2014- 17/11/2014) >-BR>	O - Unclassifiable/unassessa ble	NCA disagrees with MM1 assessment. Possible false positives on panovirus test, vaccinations can cause sensibility and GIT signs eg emesis in some arimals and a strong temporal association in inter with vaccination administration. Method of testing unknown, unless this can be identified definitively, in which case the MCA agrees product involvement is unlikely, based on current information insufficient information to rule out product involvement.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04473	United Kingdom	Animal	Canine/dog	Not Known	03/10/2014	07/01/2015	1 1	1 19/11/201	4 Not Known,
 ></br 	Haemorrhagic diarrhoea,Death,Lack of efficacy,Abnormal test result	Other	Supected lisk of expected efficacy. Haemorrhagic diurnhosa within 24 hours of vaccination and ded. Other littermate Lagnopsed with isoopona. CR positive for Leptospirosis. Rats have been seen in the area. Dogs only received one vaccination.	Crossbred	2	Nobivac DHP - 1,N/A,N/A,10,1 ml (03/10/2014- 03/10/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 ml (03/10/2014- N/A)-BR> 	N - Unlikely	NCA agrees with MAH.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04539	United Kingdom	Animal	Canine/dog	10 Week(s)	19/11/2014	25/11/2014	4 2	1 19/11/201	4 Yes, <c R> Not Known</c 	Death by euthanasia, Pyrexia, Lack of efficacy, Abnormal test result	Not Known	Pyresia of one pugpy rout of 4 pugies, 4 weeks port 1st does vaccination, treated with antibiotics and NSAIDs leading to recovery. 2nd vaccination of the remaining 3 pugples in the aneity. Sichness in one of these puppies 3 days later leading to eurhanasia. Snap test positive for parvovirus. No PME carried out.	Not Applicable	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/10/2014- 19/11/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/11/2014- 19/11/2014\-BR> 	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2014-UK-04544	United Kingdom	Animal	Canine/dog	8 Week(s)	25/11/2014	26/11/2014	1 1	1 25/11/201	4 Yes, <er>>CBR>Yes</er>	Sleepiness - neurological disorder, Vocalisation, Found dead, Intestinal torsion	No Data	Sommolence and vocalisation within 12 hours post vaccination followed by death later that night. PME showed intestinal torsion.	West Highland White Terrier	1.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (25/11/2014- 25/11/2014-BR>-SB>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (25/11/2014- 25/11/2014)-SB>-SB>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2014-UK-04546	United	Animal	Canine/dog	11 Year(s)	25/11/2014	26/11/2014	1 1	0 25/11/2		Facial swelling (see also 'Skin')	No Data	Allergic oedema of the face 30 minutes post vaccination. Treated with antihistamines and	Shetland	Not	Nobivac L4 Suspension for Injection	B - Possible	NCA agrees with the MAH assessment.
		Kingdom								R> Ye			corticosteroids, outcome unknown.	Sheepdog	Known	for Dogs - 1,N/A,N/A ,10,1 ml (25/11/2014- 25/11/2014-BR> Nobivac Rabies - 1,N/A,N/A ,10,1 ml (25/11/2014-25/11/2014) 		
NOBIVAC L4	GB-NLINTVINT-2014-UK-04571	United Kingdom	Animal	Canine/dog	10 Week(s)	27/10/2014	27/11/2014	1 1	1 11/11/	Yes, No R>CBR>No Known	Shock,Diarrhoea,Enteritis,Vomiting, Not drinking,Death,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Lack of efficacy,Abnormal test result	. Not Known	Suspected lack of efficacy, Diarrhoea and emesis IS days post vaccination. Treated with Cerenia, Proteins and Ziarto, Deterioration, lethings, shock, Collagos, andrexia, adapsia and diarrhoea 1 week later. Treated with fluids. Death later the same day. PME showed enteritis and Parvovirus confirmed b PCR. 2nd vaccination had been given at 8 weeks of age.	German Spitz - Pomeranian Y	1.13	Nobivac DHP - 1,N/A,N/A,10,1 ml (27/10/2014- 27/10/2014\:BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (27/10/2014- 27/10/2014\:BR> 	No assessment performed	
NOBIVAC L4	GB-HLINTVINT-2014-UK-04581	United Kingdom	Animal	Canine/dog	8 Week(s)	21/11/2014	27/11/2014	1 1	1 21/11/2	No, R> R> 	Abnormal test result, Abnormal radiograph inding, Vocalisation, Tachycardia, Pale mucous membrane, Distension of adoornen, Yomiting, Collapse tiese also 'Cardio-vascular' and 'Systemid disorders'), Dearling, Collapse tiese also 'Cardio-vascular' and 'Systemid disorders'), Dearling, Collapse also 'Cardio-vascular' and 'Systemid body temperature, Lethargy (see also Central nervous system depression in 'Neurvological'), Depression, rintestini, Tesefroation, Dahustration	Other	Anorexia, emesis, lethragy, depression, tachycardia, derhydrated, distended abdomen 2 days after vaccination (NDT vas unwell at time of vaccination-muscus in eya end anorexio for previous 24 hours). Treated with IVFT, antibiotics, wormers, antiemetics. Passed one roundworm overright, the following days was citel dehydrated, hypothermia, abdomen less distended. Elevande ALPS, mild hypoglycaemia. Vocalisation, collapse, tachycardia, hypothermia, pale mucous membranes the following day. Radiographs showed loss of definition of the bowel loops; intestinal rupture. Dog was euthanased. No PME, nothing further expected.	Shih Tzu	0.9	Nebissc DIP - 1.N/A/NA, 2.4.1 Dose (21/11/2014)-BR> Nobissc L4 Suspension for injection for Dogs - 1,N/N/NA, 2.4.1 Dose (21/11/2014)- 21/11/2014)-BR> 	N - Unlikely	NCA agrees with MAM assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04589	United Kingdom	Animal	Canine/dog	5 Year(s)	22/10/2014	12/12/2014	1 1	0 22/10/2	014 Not Known	Injection site reaction NOS, Skin slough, Elevated temperature	Not Known	Hyperthermia 2 days post vaccination. Unspecified treatment given. Sedation the next day for an unspecified reason. Injection site reaction (sitn tunnel running from injection site to ventral neck) noted 6 days later and area of skin slough on the ventral neck extending to the stermum. The wound was debrided and sutured. No further information.	Golden Retriever	25.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (22/10/2014-22/10/2014) 	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-04614	United Kingdom	Animal		8 Week(s)	01/11/2014	28/11/2014	1 1		D14 Yes, <c R> No Known</c 	necropsy finding,Dull,Shock,Diarrhoea,Vomiti ng,Death by euthanasia,Lack of efficacy,Dehydration	Not Known	Suspected lack of efficacy. Emesis and diarrhoea 2.5 weeks post vaccination. Lethargy, dehydration and shock 2 days later. Supportive treatment given. Euthansia due to deteriorisotion the next day. SNAP test positive for parvovirus. Histopathology confirmed parvovirus. 2nd vaccination given at 8 weeks of age.	Jack Russell Terrier		Nobivac DHP - 1,N/A,N/A, 24,1 Dose (30/10/2014- 30/10/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (01/11/2014- 01/11/2014)-BR>-BR>	performed	
	GB-NLINTVINT-2014-UK-04679	United Kingdom	Animal			19/11/2014	07/01/2015	1 1		014 No, <e R> No</e 	Jaundice, Death by euthanasia, Lethargy (see also Central nervous system depression in 'Neurological'), Lack of efficacy, Dehydration, Abnormal test result	Unauthori sed dosage - other	Suspected lack of efficacy, Jaundice, lethargy and dehydration 2 weeks post 2nd dose vaccination. Supportive treatment given. Samples have been sent away to test for etpostspars. The puppy came from a litter of puppies with toppora and where some puppies have died. PCR positive for leptospriosis, lost of rats in the area. Euthanasia 24 hours later. PCR positive for L. borgpetersenii serovar hardjo-bovis.	Beagle	7.99	(19/11/2014- 19/11/2014) SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/11/2014- 19/11/2014) SR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	G8-NUNTVINT-2014-UX-04688	United Kingdom	Animal	Canine/dog	3 Year(s)	30/06/2014	06/02/2015		0 30/06/2	14 les	Polydipsia Polyuria, Althormal breathing Partinic Decreased appetite, Lethargy (see also Central envous system depression in Neurological'), Listless, Off colour Pyresis, Neight gain, Uncoded sign. Immune mediated haemohytic anaemia-Proteinuria, Heamburia, Billi stubburush, Happopriate tubburush, Happopriate stubburush, Happopriate storiete, Polyphaga, Anaemia NOSL eucopenia Pale mucous membrane.	No Data	Malaise and anoreais within 24 hours post vaccination. Treated with contriousteroids and artibiotics 1 were later when presented to Vs. Somolence, lethargy, paid mucous membranes and namens 3 days later. Immune mediated haemolytic anaemias suspected. Treatment with predisciones started leading to some improvement. Dyspnoea noted 3 weeks later, also inappropriate urinstitus, fishingy, polydipsia, polyuria and tachypnoea. Blood tests showed leucoperial. Some improvement noted over the next 2 weeks but also weight git and hophyplagia. Urine tests showed proteinuria, haematuria and lots of leucocytes. No further information.	Crossbred	Known	Noblwac L4 Suspension for Injection for Tops: 11/ARA/ 24,1 Dose (20/06/2014-30/06/2014)-8R>-cBR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04731	United Kingdom	Animal	Canine/dog	8 Year(s)	04/12/2014	08/12/2014	1 1	0 05/12/2	014 Yes	Behavioural disorder NOS,Restlessness,Increased heart rate,Tachypnoea,Pruritus,Red mucosae,Pyrexia,Abnormal test result	No Data	Behavioural disorder, restlessness and chewing at base of stairs the days after vaccination. Congested murcous membranes, pyrexis, tachypnosa and generalised pruritus 3 days later. Blood tests showed elevated haemoglobin. Treated with antibiotics and NSNDs. Milbemax had been depensed but it is unclear if this was administered and this product had been used before without any adverse effects.	Jack Russell Terrier	9.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (04/12/2014-04/12/2014) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2014-UK-04739	United Kingdom	Animal	Canine/dog		02/12/2014	08/12/2014	1 1		014 Yes, <i R> No</i 	rmia,Off colour,Elevated temperature,Hypoglycaemia,Elevat ed BUN,Elevated amylase,Leucopenia,Neutropenia,T achycardia	Other	Emesis, diarmhoea, pyrexia and tachycardia within 24 hours post vaccination. Treated with antibiotics, and-inemical and oral fluids leading to some improvement. Emiss started again then end say, further antibiotics and cerenal given. Tachycardia, emesis and lethargy the next day, treated with fluids, antibiotics and more Cerenia. Blood sets showed leucopenia, neutropenia, elevated urea, hypoglycaemia and elevated amylase. Death later that day. PME not carried out.	Crossbred		Nobivac DHP - 1,N/A,N/A ,10,1 ml (02/12/2014- 02/12/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (02/12/2014- 02/12/2014)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
	G8-NLINTVINT-2014-UK-04813	United Kingdom	Animal		4 Month(s)		11/12/2014	1 1		014 Yes, BR> R>SBR> 	anaemia,Abnormal test result,Immune mediated haemolytic anaemia,Monocytosis	No Data	Coose stools 7 days post vaccination. Treated with problotics. 7 days later sneezing, cough, mild diarrhoes, mild rachymoeat tested with antibiotics. Bloods, lymphocytosis, entrophila, monocytosis, anaemia, increased reticulocytes. Suspected idiopathic IMMA and Mycoplasma haemocanis. Isospora positive on faeces.	Pug	1.9	Nobiac DHP - 1,N/A,N/A,10,1 ml (0)11,1/2014-BR->BR-Nobiac KD (0)11,1/2014-BR->BR-Nobiac KD (1)11,1/2014-BR->BR-Nobiac LD (1)11,2014-BR->BR-Nobiac Ld Suspension for injection for Dogs -1,N/A,N/A,10,1 ml (0)1,1/1/2014- (0)1,1/2014-BR->BR-Panacur (aranules 2.2.2 kW - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04860	United Kingdom	Human	Human	36 Year(s)	15/12/2014	14/01/2015	1 1	0 15/12/2	014 Not Known	Injection site bleeding	Not Known	Vet self injected between nail and knuckle of left thumb with a clean needle before vaccinating a dog. The wound bled profusely, was washed with hibiscrub. The bleeding has stopped. No further	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,, 		
	GB-NLINTVINT-2014-UK-04899	United Kingdom	Animal	Canine/dog	16 Month(s)	28/11/2014	17/12/2014	1 1	0 28/11/2	R> Yes BR>Yes		No Data	Indomation received. Crymig discreding house post vaccination. Later during the night became lifeless (coded listless), unresponsive, injection site pain. Following morning full recovery.	Toy Poodle	3.2	Nobiva: DHP - 1,N/A,N/A,10,1 ml (28/11/2014- 28/11/2014/sBR> Nobivac KC - 4,N/AN/A, 10,0.4 ml (28/11/2014- 28/11/2014/sBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/11/2014- 28/11/2014/sBR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2014-UK-04916	United Kingdom	Animal	Canine/dog	4 Month(s)	04/12/2014	18/12/2014	1 1	0 04/12/2	014 Yes, <i R> No Known</i 	Injection site pain, Vocalisation, Lameness, Lethary y (see also Central nervous system depression in 'Neurological'), Reluctant to move	Not Known	Vocalisation during vaccine administration. Lethary, injection site pain and vocalisation when injection site toulded later the same day, Lameness of the hind legs and reluctance to move also noted. Recovery by the next day following unspecified treatment.	Standard Poodle	1.7	Nobivac DHP - 1,N/A,N/A, 24,1 ml (04/12/2014- 04/12/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 ml (04/12/2014- 04/12/2014)-BR> 	B - Possible	NCA agrees with the MAH assessment.

												protrusion,Abnormal stool colouration,Abnormal necropsy finding		and 2014-UK-04473. Puppes were vaccinated with Nobiasc DIPF and Nobiasc L4 on 3 Oct 2014 (8 weeks of age) and his puppy was given as second vaccine was given on 13 No 2014 (14 weeks of age and seeks after primary vaccine-extra label use). At this time the puppy had positive losopora results confirmed by IDRSC. It was treated with Potentiated sulformands: Unknown exact date of diagnosis. Bitch was only vacinated as a puppy and no boosters since. Bitch was ill at parturition and was not presented to the VER. 2pppy was housed enalsed until 5 weeks of age and then were boused in a hen house with frequent rats seen. A pupples in total 2014-UK-04575 [Penn], 2014-UK-04579[Pen] and 2014-UK-04570 [umin) have been presented with details. Puppy was reported as being unwell on 25 Nov 2014-UK-04573 [Venn] of the puppy was reported as being unwell on 25 Nov 2014-UK-04573 [Venn] of the vaccine					
														inection 25 Nov 2014 vomiting and yellow diarrhoea. Jaurdice. Puppy was euthanased on 25 Nov 2014 and sent for post morters. Dorst morters showed that the puppy had generalized icterus, pulmonary oedema and patchy congestion and intestinal parasitism. Changes are consistent with Leptospirosa infection. Clarification of 1 ab letting—F3H filturorescent in situ hybridization test) letting on histology samples looking for the presence of live bacteria in fairly high numbers—only clusters of bacteria were present. PCR target Lipi32 gene used to type the bacteria present in the histology samples (eact samples used were not disclosed). All pupples have Leptospira Solgentersenii servery Harddig- Sou's Positive on PCR. Nothing further expected Updated batch number. Follow-up on 02 Feb 2018: VeODNA code "death by euthansa" has been added:					
NOBIVAC L4	GB-NLINTVINT-2015-UK-00140	United Kingdom	Animal	Canine/dog	8.7 Year(s)	05/01/2015	08/01/2015	1	1 0	06/01/2015	No	Off colour, Mucosa petechiae, Gum bruising, Immune mediated thrombocytopenia	Other	Malaise, gun bruising and mucosa petechiae 24 hours post 2nd dose vaccination. Referred for further investigation and immune mediated thrombocytopaenia was diagnosed.	Greyhound	35.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (05/01/2015-05/01/2015) BR>~BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00172	United Kingdom	Animal	Canine/dog	6 Month(s)	15/08/2014	13/01/2015	1	1 1	08/11/2014	Not Known, BR >BR>CBR> Yes	Anaemia NOS,Thrombocytopenia,Leucocyto sis,Neutrophilia,Vomiting,Lereus,Pu monary oedema,Death by euthanasia,Hypothermia,Off colour,Oedema NOS (see other SOCS for specific oedemas).Ascites,Lack of efficacy,Pleural effusion,Swollen lymph	No Data	Suspected lack of expected efficacy. Off colour. abnormal coloured stool and palpable abdominal mass 3 months after vaccination administration. Admitted for IVFT and radiographs (unknown finding) then proceeded to exportancy laparotomy that identified an enlarged mementer, lymph node. Dog developed ictens and was started on synulos. Blood tests 2 days later identified thrombocytocpaenia, elevated ure, hyperphosphateamie, alevated luver enzymes, hyperalalaemia and hyperalituriburaemia. The dog was hypothermic. Two days later the dog had leukocytosis, exertrophilia, thrombocytospaenia, remail instificiency, hypothormineamia, and hyperbiliuriburaemia. Owners opted for euthanasias. PME showed findings consistent with leptospirosis with degeneration and necrosis of renal tubulues, renal haemorrhage and chronic interstitial reportivis, kterus, leptone effusion, pulmonary oedema, ascites and mucosal oedema. No PCR was performed. Nothing further.	Labrador Retriever	15	Nobivac DHPPI - 1.N/A.N/A, 24,1 ml (15/08/2014- 15/08/2014)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs -1,N/A.N/A, 24,1 ml (15/08/2014- 15/08/2014)-BR>~BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NUNTVINT-2015-UK-00212	United	Animal	Canine/dog	Not Known	01/06/2014	13/01/2015	1	1 0	15/12/2014	Yes, <	node,Hypoalbuminaemia,Elevated liver enzymes,Hyperkalaemia,Hyperphos phataemia,Elevated BUN,Elevated creatinine,Elevated total bilirubin,Organ haemorrhage,Ahnormal necropsy finding,Renal tubular disorder,Ahdominal mass,NT- chronic lotacstritish neachutis Meninglitis, Localised pain NOS (see	No Data	Hyperthermia, dehydration approximately 6 months post vaccination. Treated with NSAIDs, antibiotics,	Crossbred	4 8	Nobivac DHP - 1,N/A,N/A ,10,1 ml	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-00234	United Kingdom	Animal	Canine/dog	5.3 Year(s)	10/01/2015	20/03/2015	1 1	0 12/01/201	5 Yes, S Yes, R>BR>BR>NO, 	Increased heart rate, Vomiting, Hypothyroidism, Inap petence, Lethargy (see also Central nervous system depression in Neurological'), Abnormal test result, Hyperkala emia, Elevated creatinine, Elevated At, Inversion of albumin (globulin ratio, Elevated cholesterol (total)	Other	Anorexia 48 hours after vaccination administration. Emesis, tachy-ardia and lethargy the next day. Hypertalaemia, elevated creatinie, hyperglobulinaemia, elevated liver enzymes, hypercholesterolemia, elevated anylaesh, phothyrolic the next day. VS suspected IMHA (unknown blood results). No further information is expected.	Other Canine/dog	55	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (10/01/2015- 10/01/2015-)s-RRRB-Nobivac KC - 1,N/A,N/A, 24,1 Dose (10/01/2015- 10/01/2015	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00242	United Kingdom		Canine/dog		07/01/2015	13/02/2015	1 1		5 Yes, <er>Yes</er>	euthanasia,Hypothermia,Elevated BUN,Elevated creatinine,Abnormal necropsy finding	No Data	Vomiting within 24 hours of vaccination (used straight from the fridge, which is off label use for 1.4, not DHP). Following days, still comiting, mild hypothemia. Treated with antibiotics, antiemetics, NPT. Bloods: elevated BUN, elevated creatinine. Canine pancreatitis level was normal. 5 days later still in hospital on NPT, no improvement so was euthanased. PME showed intestinal volvulus as cause of symptoms.	Not Applicable	28	(07/01/2015- 07/01/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/01/2015- 07/01/2015) BR> 	N - Unlikely	PME showed cause of sings was intestinal volvulus.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00254	United Kingdom	Animal	Canine/dog	8 Week(s)	06/01/2015	29/01/2015	6 1	1 07/01/201	5 Not Known, Known, Not Known, YBR> YBR> KBR> KBR> KBR> KBR> KBR> KBR> KBR> K		No Data	Lethargs, oral haemorrhage, epistaxis and desth 7.4 hours post vaccination and concurrent administration of droral Jasumed to be Drontal plass (laws) to be Drontal plass (laws) to be Stophard plass (laws). Await further information. 5 other pupples in the litter were not vaccinated at the same time as they will ill on examination. INFORMATION TAKEN FROM DIAIS 71.5. Lethargs, epistaxis, can be amorrhage and desth of 1 puppy out of 6 within 24 hours post Advocate application. The puppy that died was also vaccinated at the same time as Advocate application from divinoven). The other plus were not vaccinated as they were not healthy enough, the VS suspected worms. Await PME results.	Bichon Frise	2.4	Advocate Spot-on Solution for Small Dogs - 1.N/AN/A, 2.4 1 Dose (106/01/2015-06/01/01/01-06/01/01-06/01/01-06/01/01-06/01/01-06/01/01-06/01-06/01-06/01-06/01-06/01-06/01-06/01-06/01-06/01-06/01-06/0	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00295	United Kingdom	Animal	Canine/dog	3.1 Year(s)	19/01/2015	19/01/2015	1 1	0 19/01/201	.5 Yes	Unable to stand, Rigidity of limbs, Limpness	No Data	Hypotonia then hypertonia and ataxia within 2 hours of vaccination. Pending further information.	Lhasa Apso	9.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 ml (19/01/2015-19/01/2015) 	B - Possible	NCA agrees with MAH.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00297	United Kingdom	Animal	Canine/dog	8.1 Year(s)	28/02/2014	19/01/2015	1 1	0 22/03/20:	4 Yes	Ansenia NOS,Other coagulation abnormality,Thrombocytopenia,Dis tension of abdomen,Vomiting,Jaundice,Drinkin ga lot_Lethargy (see also Central nervous system depression in "Neurological"] Elevated temperature,Not eating,Abnormal test result,Immune mediated haemolytic anaemia,Elevated bile acids;Hyerproteinaemia,Elevated fibrinogen level	No Data	Emesis, abdominal distension and pyrexia 3 weeks post 2nd dose vaccination with Nobivac L4. The dog had been vaccinated with Nobivac DIP, Nobivac L4 and Nobiwac KC a weeks prior to this. Blood tests showed low use, develeted ALP, hepercotenaenia, aneama and thrombocytopaenia. Lethurg and anorexis the next day. Slide agalitization test positive. Treated with Deadreson. Further tests indicated immune mediated haemolytic anaemia. Earling immoved and polypicpia. 2 days after this. Pale mucous membranes, psundice, elevated bile acids, elevated fibrinogen and leucocytosis the next day. Treatment with prednisolone started. Gradual improvement over the next 5 months.	Chihuahua	8.25	Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A _10_1 ml [28/02/2014-28/02/2014]-8R>-8R>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00378	United Kingdom	Animal	Canine/dog	2.25 Month(s)	30/12/2014	03/02/2015	1 1	0 20/01/20:	5 Yes, <e R> Yes</e 	Neutropenia,Lameness,Ataxia,Leth argy (see also Central nervous system depression in 'Neurological'),Pyrexia	No Data	Lethargy and Immenses within 24 hours post 72nd dose vaccination with Nobiava CIMP, and lethargy and quiet (coded as lethargy) a weeks post 11x dose vaccination with Nobiava CIMP and Nobiava LL4 Raxias, lethargy and pyrexia noted on examination 2 days later. Treated with Metacam. Further deterioration the next day. Treated with fluids and antibiotics. Neutropean detected on blood retas. Negative Neospora test. Improved on antibiotics although not fully recovered. Nothing further expected.	Border Collie	5.6	Nobivac DHP - 1,N/A,N/A,24,1 Dose (19/01/2015- 19/01/2015):BR> Nobivac L4 Supension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (30/12/2014- 30/12/2014):BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00440	United Kingdom	Animal	Canine/dog	2 Month(s)	26/01/2015	29/01/2015	2 1	0 26/01/20:	5 Yes, <er< td=""><td>Haemorrhagic diarrhoea, Vomiting, Inappetence, Le thargy (see also Central nervous system depression in 'Neurological'), Weight loss</td><td>No Data</td><td>Emels and lethargy within 12 hours post vaccination. Emels and anorexis the next day. Weight loss, emels, lethargy, amorexia and haemorhagic durrhoes on examination the next day. Treated with fluids and antibiotics. Recovery 5 days later.</td><td>German Spitz - Pomeranian</td><td>1.3</td><td>Nobivac DHP - 1,N/A,N/A,10,1ml (26/01/2015- 26/01/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (26/01/2015- 26/01/2015)-BR> </td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></er<>	Haemorrhagic diarrhoea, Vomiting, Inappetence, Le thargy (see also Central nervous system depression in 'Neurological'), Weight loss	No Data	Emels and lethargy within 12 hours post vaccination. Emels and anorexis the next day. Weight loss, emels, lethargy, amorexia and haemorhagic durrhoes on examination the next day. Treated with fluids and antibiotics. Recovery 5 days later.	German Spitz - Pomeranian	1.3	Nobivac DHP - 1,N/A,N/A,10,1ml (26/01/2015- 26/01/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (26/01/2015- 26/01/2015)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00460	United Kingdom	Animal	Canine/dog	11 Year(s)	24/01/2015	30/01/2015	1 1	0 24/01/20:	Known, BR	paralysis,Injection site	Other	Vocalisation during vaccine administration. Stiffness and hind limb paralysis later the same night. Assist he next day, Abdominal distortion noted on examination 5 days later, but the dog has been unable to defecate since the vaccination. Suspected lower spine pain. Still ongoing at time report made. The dog was started on Epiphen 1 year prior to vaccination.	Shih Tzu	7.8	Epiphen 30 mg Tablets - 30,N/A,N/A 3,30mg - Unknown (01/01/2014- N/A)eRn-«Br-Noblwac DHP - 1,N/A,N/A,10,1ml (24/01/2015- 24/01/2015/eBR~«BR»Noblwac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1ml (24/01/2015- 24/01/2015) <br~«br»< td=""><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></br~«br»<>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00669	United Kingdom	Animal	Canine/dog	12 Week(s)	01/01/2014	13/02/2015	1 1	0 01/01/201	4 Not Known	Hypersalivation, Disorientation, Coll apse (see also 'Cardio-vascular' and 'Systemic disorders'), Eyes rolling back	Not Known	Loss of consciousness, eyes rolling back, hypersalivation, disorientation 40 minutes after vaccination. Treated with steroids/analgesics. Disorientation lasted 3 days. Nothing further - case reported over social media site.	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/01/2014-01/01/2014) 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00680	United Kingdom	Animal	Canine/dog	4 Year(s)	29/12/2014	20/02/2015	1 1	1 16/01/201	5 Yes, R×BR> <b </b R×BR> 	BUN, Pyrexia, Weight Ioss, Abnormal test result, Inappetence	Other	Weight loss and pyrexia less than 24 hours after Nobiuse KC and 1.4, Advocate and Droncit. Treatment with Syndius, ultrasound normal. Uniter ultra normal. 6 weeks post onset, renal insufficiency and thrombocytosis identified on blood tests. Unite negative for Leptospirosis. Persistence of renal results of 3 kay later, elevated protein creatines ratio identified. Adapograbs at this time showed no abnormalities. Treatment with Zantac, Syndius continued. Approximately 8 weeks after onset, anorexis and adipsia leading to euthanasia. No further information expected.	Labrador Retriever	36.9	Large Dogs - 1,N/A,N/A, 24,N/A (29/12/2014)-8BR->6BR->0roncit Tablets 50 mg - N/A,N/A,N/A N/A,N/A (29/12/2014- 29/12/2014)-8BR->BR->Nobiwa Ck - 4,N/A,N/A (20,0 am (129/12/2014- 29/12/2014)-8BR->BR->Nobiwa Lb Suspension for injection for Dogs 1,N/A,N/A, 10,1 ml (29/12/2014- 29/12/2014)-8BR->BR-> 29/12/2014-8BR->BR->	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00693	United Kingdom	Animal	Canine/dog	5 Year(s)	03/11/2014	26/06/2015	1 1	1 19/11/201	4 Yes	Death, Weight loss, Swollen lymph node, Injection site lump, Lymphoma	No Data	Injection site lump within 2 weeks of second L4 vaccination (DHP was also administered alongside first vaccination). 3 months later, lymphadenitis and weight loss. Biopsies taken and T cell lymphoma diagnosed. Treated with steroids but died 4 months later.	Cavalier King Charles Spaniel	12	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/11/2014-03/11/2014) BR> 	O1 - Inconclusive	Injection site lump is likely to be associated with vaccination but further signs and lymphoma are not.
	GB-NLINTVINT-2015-UK-00711	United Kingdom	Animal	Canine/dog		14/11/2014	16/02/2015	1 1	0 15/12/201	R> Not Known		Not Known	Nails loss, starting I month post 1st dose vaccination. All nails lost during the following 4 weeks. Lab tests were positive for a fungal infection. Treated with hibbscrub nd antibiotics. New nails started to grow within 3 weeks.	Toy Poodle	4.6	(14/11/2014- 14/11/2014) 14/11/2014) SR> SR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/11/2014- 14/11/2014- 14/11/2014) SR> SR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00719	United Kingdom	Animal	Canine/dog	15 Month(s)	06/01/2015	17/02/2015	1 1	0 06/01/20:	5 Not Known	Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Generalised weakness,Incoordination	Not Known	Emesis, lethargy and ataxia within 24 hours post vaccination. Recovery 4 hours later, Limited information as case taken from Facebook.	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (06/01/2015-06/01/2015) 	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-00723	United Kingdom	Animal	Canine/dog	4 Year(s)	14/02/2015	24/03/2015	1	1 0 14/0	Yes, R <b< th=""><th>Yes, blister, Vomiting, Head shake - ear</th><th>No Data</th><th>Dyspnoea (including not breathing through nose) and sneezing (reverse sneezing) 4 hours after vaccination. Endoscopy 24 hours after vaccination showing application site blisters and erythema with nasal discharge destrilled in the affected norstil. Teatment with amosicillam and melockam. Reported to be improving with occasional episodes of reverse sneezing, swab results show profuse growth of Enterobacter Cloace complex. Histology sample too small to determine cusal nature, however does contain cellular infiltrate. Occasional sneezing ongoing, however bright and well. Nothing further expected.</th><th>Border Collie</th><th>15.5</th><th>Nobivac DHP - N/A,N/A,N/A N/A,N/A (14/02/2015- 14/02/2015-tBR-4BR-Nobivac KC - 4,N/A/M,A (10,0 m² li Once 1 Animal (14/02/2015-BR-5BR-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (14/02/2015- 14/02/2015)-BR-4BR-</th><th>O1 - Inconclusive</th><th>Cannot exclude product involvement, multifactorial aetiology possible.</th></b<>	Yes, blister, Vomiting, Head shake - ear	No Data	Dyspnoea (including not breathing through nose) and sneezing (reverse sneezing) 4 hours after vaccination. Endoscopy 24 hours after vaccination showing application site blisters and erythema with nasal discharge destrilled in the affected norstil. Teatment with amosicillam and melockam. Reported to be improving with occasional episodes of reverse sneezing, swab results show profuse growth of Enterobacter Cloace complex. Histology sample too small to determine cusal nature, however does contain cellular infiltrate. Occasional sneezing ongoing, however bright and well. Nothing further expected.	Border Collie	15.5	Nobivac DHP - N/A,N/A,N/A N/A,N/A (14/02/2015- 14/02/2015-tBR-4BR-Nobivac KC - 4,N/A/M,A (10,0 m² li Once 1 Animal (14/02/2015-BR-5BR-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (14/02/2015- 14/02/2015)-BR-4BR-	O1 - Inconclusive	Cannot exclude product involvement, multifactorial aetiology possible.
	GB-NLINTVINT-2015-UK-00747	United Kingdom	Animal	Canine/dog	12 Week(s)	10/02/2015	09/03/2016	1	1 0 11/0	Z/2015 Not Known,
>BR>>BR No, >B R> >BF</br 	BR> 'Neurological'),Swollen lymph > <b node,uveitis<="" td=""><td>of Other</td><td>Lethargy and anorexia a few hours post concurrent vaccination and Abocate application (assumed to be Advocate for smill dogs). Lymphateith was noted 5 days later. Treated with antibiotics and steroids leading to recovery 4 days after this. 4 days prior to vaccination the puppy had a heavy parasite burden and maluration and had been treated with a wormer. Approximately 4 days after the apparent recovery, the puppy developed bilateral uveits. Treatment unknown, outcome ongoing, further information expected. No further information received.</td><td>Beagle</td><td>Not Known</td><td>Advocate Spot-on Solution for Small Dogs - 1.N/AN/A, 24,N/A (10)(02/2015- BR>-GBR>-MBR>-MBR>-MBR>-MBR>-MBR>-MBR>-MBR>-M</td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td>	of Other	Lethargy and anorexia a few hours post concurrent vaccination and Abocate application (assumed to be Advocate for smill dogs). Lymphateith was noted 5 days later. Treated with antibiotics and steroids leading to recovery 4 days after this. 4 days prior to vaccination the puppy had a heavy parasite burden and maluration and had been treated with a wormer. Approximately 4 days after the apparent recovery, the puppy developed bilateral uveits. Treatment unknown, outcome ongoing, further information expected. No further information received.	Beagle	Not Known	Advocate Spot-on Solution for Small Dogs - 1.N/AN/A, 24,N/A (10)(02/2015- BR>-GBR>-MBR>-MBR>-MBR>-MBR>-MBR>-MBR>-MBR>-M	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-00762	United Kingdom	Animal	Canine/dog	2 Year(s)	01/01/2014	19/02/2015	1	1 0 01/0	/2014 Yes, E R>BR>BF		No Data	Immune mediated polyarthritis 4 months post vaccination. Treated with prednisolone, outcome unknown.	Not Applicable	18	Nobivac DHP - 1,N/A,N/A, 1,0,1 ml (01/01/2014- 01/01/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/01/2014- 01/01/2014)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-00785 GB-NLINTVINT-2015-UK-00787	United Kingdom	Animal	Canine/dog	4 Year(s) Not Known	01/04/2014	20/02/2015	1		/2014 Yes	Fit,Epilepsy,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia Blood in vomit,Disorientation	No Data	Convolion lasting for a few minutes starting within 15 minutes poot vaccination. A further seizure was noted once the dog arrived at the ver protice. Previsa noted on examination. Treated with oxogen and west towels. The reports also states that lethrary was noted - but timing is unknown. Report taken from Facebook and therefore details are limited. The dog was diagnosed with idiopathic epilepsy but had not had a seizure for 30 months prior to this. Haematemesis and disorientation within a few hours post vaccination. Treated with fluids. Very little	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/04/2014-N/A) Nobivac L4 Suspension for Injection	B - Possible	NCA agrees with the MAH assessment. Insufficient information to assess.
		Kingdom	Animai	Canine/dog	NOT KNOWN	01/02/2015	19/02/2015	1	0 01/0	/2015 NOT KNOWN	Blood in vomit, disorientation	Known	naematermess and osofientation within a few nours post vactimation. Heated with nuits, very little details as report taken from Facebook.	AKITA	Known	for Dogs - 1,N/A,N/A ,10,1 ml (01/02/2015-01/02/2015) 	Unclassifiable/unassessa ble	insurricient information to assess.
	GB-NLINTVINT-2015-UK-00799	United Kingdom	Animal	Canine/dog		07/01/2015	20/02/2015	1		./2015 Not Known, BR>BR> Not Known, BR>BR> Not Known, <br< td=""><td>BR> Central nervous system depression in 'Neurological') <br BR></br </td><td>Not Known</td><td>Dyspnees, bronchitis (wheezing), lethargy with in 2 hours of vaccination, death within 24 hours. Treatment and investigations unknown. No further information expected.</td><td>Cavalier King Charles Spaniel</td><td>6.5</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (07/01/2015) 07/01/2015) BR> Nobivac KC - 4,N/A,N/A,10,0 a ml (07/01/2015- 07/01/2015) SRS> RS>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/01/2015- 07/01/2015\cdot RR> BR> ORDITALISMS O</br></td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment.</td></br<>	BR> Central nervous system depression in 'Neurological') <br BR></br 	Not Known	Dyspnees, bronchitis (wheezing), lethargy with in 2 hours of vaccination, death within 24 hours. Treatment and investigations unknown. No further information expected.	Cavalier King Charles Spaniel	6.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (07/01/2015) 07/01/2015) BR> Nobivac KC - 4,N/A,N/A,10,0 a ml (07/01/2015- 07/01/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00819	United Kingdom	Animal	Canine/dog	Not Known	12/06/2014	21/02/2015	1	1 1 14/0	i/2014 Yes, <e R> <br Known</br </e 		No Data	Malaise, ancrexia, vocalisation within approximately 48 hours of vaccination. Already on Vertmedin (best guess made) for Grade 3-4 hear humure. No treatment, seemed to improx, however heart condition worsened and died approximately 6 months after vaccination. Nothing further (case from Facebook)	Not Applicable	Not Known	Nobiwa L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/06/2014- 12/06/2014-BR>-BR>Vetmedin 5 mg Chewable Tablets for Dogs - N/A,N/A,N/A,N/A,unknown (01/01/2014-01/01/2015):BR>-BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NUNTVINT-2015-UK-00822	United Kingdom	Animal	Canine/dog	3.7 Year(s)	06/02/2015	15/06/2015	1	1 10/0	/2015 Yes, <6 R> <6F		No Data	Staking, maliste, hypersalhation and coughing 4 days after vaccination with Nobivac KC and Nobivac LA. Presia and continuing signs 6 days post vaccination. Treatment with Meta-ana Admoxysera LA. No improvement, anorexia, phangeal disorder (nonlitic) and tongue uderation (tongue disorder) 7 days post vaccination. Treatment by hospitalisation, instruences (fluid they are considered in the contraction of the contractions). The contraction of the con	Chihuahua	2.45	Noblex KC - 4,N/AN/A, 1,0,0.4 ml (oS/02/2015)-08/02/2015-08/02/2015)-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015-08/02/2015	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00855	United Kingdom	Animal	Canine/dog	5 Month(s)	21/01/2015	13/03/2015	1	0 02/0	/2015 Yes	Diarrhoea, Vomiting, Lack of efficacy, Abnormal test result	No Data	Suspected lack of efficacy. Emesis, diarrhoea, blood PCR positive for leptospirosis, serology positive for Bratislava (likely vaccinate associated) - within 10 days of vaccination. Urinalysis - leptospirosis positive. Treated with antibiotics, assumed recovered, nothing further.	Labrador Retriever	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (21/01/2015-21/01/2015) 	N - Unlikely	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00858	United Kingdom	Animal	Canine/dog	6 Year(s)	21/01/2015	14/05/2015	1		/2015 Not Known,
 Yes, <e R>BR><b Known</b </e </br 	BR> > <b Not</b 	al No Data	Sapected lack of efficacy 8 months after vaccination with Noblack Letpol 2 and 12 days after vaccination with Noblack 14. Emestic, disrrhose, leucopenia and abnormal test results (positive leptospirosis PCR on unime and blood, MAT serology positive for Leptospira baristisva). Treatment with 7 days Amouscillin followed by 2 weeks of Ronaxan. Repeat PCR on urine, positive after antibotic teatment, Doxyricine course extended. DNA sequencing lapaned. Repeated MTA serology negative suggesting first result either vaccinal, chronic infection or serovar was not included in panel. No further information.	Other Canine/dog	Not Known	(21/01/2015- 21/01/2015-BR->BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10.1 ml (21/01/2015- 21/01/2015)-BR> Nobivac Lepto 2 - N/A,N/A,N/A,N/A,N/A (02/05/2014-02/05/2014)-BR>>BR>	N - Unlikely	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00862	United Kingdom	Animal	Canine/dog	7.9 Year(s)	12/01/2015	24/02/2015	1		/2015 Yes	Abnormal test resiul; Urticarial rash, Submandibular oedema, Lack of efficacy, Fever, Pyrexia, Lethargy (see also Central nervous system depression in Neurological). Death by euthanasia, Skin lesion NOS, Pannicultis, Dermatilist, Tachyi noea, Muscle stiffness, Polydippia, Gastric torsion, Urticarial erythema	No Data	Sapected lack of efficacy involving Nothins. L4 succination. Letharpy, polydipsia, subcutaneous derma polaques (skin dioched; betch) proteins, pogranulomatous permicultis, demantis and utracta is depa after vaccination. Treatment with antibiotics, signs continued. Abnormal text result (positive leptopioris PCR, serologis ATL canicola 1:200) 6 days post vaccination. Gastric torsion and death of weeks post vaccination. No further information expected. "Nysummary from unlifed Cd39/15 Hyperthermia and lethargy 24 hours post vaccination followed by generalised muscle stiffress for 48 hours. Submandibutar swelling noted 4 days post vaccination. The swelling dissipated during the next 3 days but lethargy continued. Pyrexia and urticaria noted 7 days post vaccination. The dog was referred outcome unknown.	i Weimaraner	30	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/, 10,1ml (12/01/2015 - 12/01/2015)+BR> 	N - Unlikely	NCA agrees with MAH assessment. Comments from 2009/15 Close time association and lethargy and pyrexia can be observed port accination but their duration is unexpected.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00864	United Kingdom	Animal	Canine/dog	18 Week(s)	21/01/2015	24/02/2015	1	1 0 21/0	/2015 Not Known,
 >BR> Yes, <e R>>BR><bf< td=""><td>BR> result,Hypoproteinaemia ><b< td=""><td>No Data</td><td>Saspected lack of efficacy 2 months after vaccination with Nobivac Lepto 2 and on the same day as succination with Nobivac L.E. mesis, darknese, hypoproeidnessin and abnormal test results (hypoglobulinaemia, positive blood leptospirosis PCR). Treatment with Amoxicillin for 7 days followed by Ronaxan for 2 weeks. Outcome unknown. No further information expected.</td><td>Not Applicable</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (21/11/2014- 21/11/2014/BRP<8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (21/01/2015- 21/01/2015)-6RR>-8R8>Nobivac Lepto 2 - 1,N/A,N/A, 1,0,1 ml (21/11/2014-21/11/2014)-8R><8R></td><td>N - Unlikely</td><td>NCA agrees with MAH assessment.</td></b<></td></bf<></e </br 	BR> result,Hypoproteinaemia > <b< td=""><td>No Data</td><td>Saspected lack of efficacy 2 months after vaccination with Nobivac Lepto 2 and on the same day as succination with Nobivac L.E. mesis, darknese, hypoproeidnessin and abnormal test results (hypoglobulinaemia, positive blood leptospirosis PCR). Treatment with Amoxicillin for 7 days followed by Ronaxan for 2 weeks. Outcome unknown. No further information expected.</td><td>Not Applicable</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (21/11/2014- 21/11/2014/BRP<8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (21/01/2015- 21/01/2015)-6RR>-8R8>Nobivac Lepto 2 - 1,N/A,N/A, 1,0,1 ml (21/11/2014-21/11/2014)-8R><8R></td><td>N - Unlikely</td><td>NCA agrees with MAH assessment.</td></b<>	No Data	Saspected lack of efficacy 2 months after vaccination with Nobivac Lepto 2 and on the same day as succination with Nobivac L.E. mesis, darknese, hypoproeidnessin and abnormal test results (hypoglobulinaemia, positive blood leptospirosis PCR). Treatment with Amoxicillin for 7 days followed by Ronaxan for 2 weeks. Outcome unknown. No further information expected.	Not Applicable	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (21/11/2014- 21/11/2014/BRP<8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (21/01/2015- 21/01/2015)-6RR>-8R8>Nobivac Lepto 2 - 1,N/A,N/A, 1,0,1 ml (21/11/2014-21/11/2014)-8R><8R>	N - Unlikely	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-00897	United Kingdom	Animal	Canine/dog	6.3 Year(s)	24/02/2015	25/02/2015	1 1	0 24/02/2	015 Yes	Seizure NOS	No Data	Convulsion less than 24 hours after vaccination. Treatment unknown, recovery within 20 minutes. No further information expected.	Labrador Retriever	34	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00902	United	Animal	Canina/dog	1.6 Year(s)	10/02/2015	12/05/2015	1 1	0 17/02/2	015 Not	Miosis,Inappetence,Lethargy (see	Other	Anorexia, lethargy, diarrhoea within 6 days of vaccination (not given at room temperature). 7 days	Chihuahua	3	(24/02/2015-24/02/2015) Nobivac DHP - 1,N/A,N/A ,10,1 ml	B - Possible	Cannot exclude product involvement, clinical signs
		Kingdom								Known, >BR> BR> BR> BR> BR>	also Central nervous system depression in "Neurologica"] Listless, Weakness, A hormal menace reflex test, Chemoisi, Lateral recumbency, Proprioception loss, Abnormal test result, Dilated pupilis, Fep pain, Ford point, Conscious, Unconscious, Unconscious, Unconscious, Unconscious, Unconscious, Unconscious, Conseal obdoment, University of the Marchael Conseal obdered, Conseal obs		after onset, collapse, lethargs, severe distrinose, emesis, green ocular discharge. Treated with NFT, articoloxic, sentlements: some improvement seen however seri-conscious. Previous reaction with Nobivac DHPL, and La 14 weeks prior to this L4 vaccination. 8 days after onset, emesis and tethargy continued, the day glio developed; corneal ulceration, keratitis, conjunctivitis, collapse, hyperasilvation and abdominal pain. 10 days after onset, esiges progressed to consultions, miosis, escuembero, useropsorheveness to stimuli and impaired vision, with continued letharge. Meetingeone cephalitis was diagnosed on MRI. Treatment with steroids was stated. J weeks after onset, there was a marked improvement. Conneal ulceration and codema remained, there were proprioceptive abnormalities present. Treatment continued with Prednidale, Lubrithal, Chloramphenicol. No further information is expected.			(20/01/2015-) 20/01/2015-(BR>-dBN-Noblwac L4 Suspension for injection for Dogs - LN/AN/A, 20, 11 (10/02/2015- 10/02/2015)-(BR>-dBR>		and onset may all be explained by product involvement. Possible reason for immune mediated meniagenencipalitis may be vaccinal antigenic stimulation. Although there may be breed predispositions as discussed by the MMH, neurological deficits may also exercise productions. Further information expected.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00909	United Kingdom	Animal	Canine/dog	7 Year(s)	24/02/2015	25/02/2015	1 1	0 24/02/2	D15 Yes, BR>CBR>Yes R>BR>Yes CBR>BR> BR>CBR>Yes	Anaphylaxis, Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	No Data	Collapse, anaphylaxis within 5 minutes of vaccination. Resolved. Nothing further.	Staffordshire Bull Terrier	22.6	Nobixac DHPPI - 1,N/A,N/A,10,1 ml (24/02/2015- 24/02/2015):GRX~GRX~BR>Nobixac KC - 4,N/A,N/A,10,0.4 ml (24/02/2015- 24/02/2015):GRX~GRX~Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/02/2015- 24/02/2015):GRX~GRX~BRX~GRX~	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00916	United Kingdom	Animal	Canine/dog	2.8 Year(s)	09/02/2015	25/02/2015	1 1	0 10/02/2	015 Yes	Haemorrhagic diarrhoea, Vomiting, Inappetence, Le thargy (see also Central nervous system depression in	No Data	Lethargy, anorexia, emesis, haemorrhagic diarrhoea within 24 hours of vaccination. Treated withy IVFT, antibiotics, gastro-protectants. Nothing abnormal on faecal sample, recovered. Nothing further expected. Linked to case 2015-UK-00915. Another dog in household.	Crossbred	6.35	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (09/02/2015-09/02/2015) RR> BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-00969	United Kingdom	Animal	Canine/dog		27/02/2015	30/04/2015	1 1	1 27/02/2		Neurological ¹¹ Heart fallure,Heart insufficiency,Pale mucous membrane,Tracheal collapse,Death by euthansia,Jnappetence,Cyanosis,L ethargy (see also Central nervous system depression in 'Neurological'),Respiratory depression	No Data	Bradypnoea, cyanosis, pale mucous membranes, lethargy, anorexia within 24 hours of vaccination. Treated with oxygen and intravenous frusemide. Chest radiographs showed enlarged heart (tracheal elevation) and consolidated langs, therefore heart failure diagnosed. Note - dog had been previously diagnosed with heart murmur. Euthanased, no information on PME or not.	Bichon Frise		for Dogs - 1,N/A,N/A,10,1 ml (27/02/2015-27/02/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-00982	United Kingdom	Animal	Canine/dog	3 Month(s)	24/01/2015	02/03/2015	1 1	0 24/01/2	Pes, <c< td=""><td>Head shake - ear disorder, Swelling around eye, Facial swelling (see also 'Skin'), Local swelling (not application site)</td><td>No Data</td><td>Facial swelling, periorbital oedems, cedems (under chin and nose), head shaking within 2 hours of vaccination. Treate with antifistamine and improved overnight. Was vaccinated with L4 with no reaction. Nothing further:</td><td>Chihuahua</td><td></td><td>Nobivac DHP - 1,N/A,N/A ,24,1 Dose (24/01/2015- 24/01/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (24/01/2015- 24/01/2015) </td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></c<>	Head shake - ear disorder, Swelling around eye, Facial swelling (see also 'Skin'), Local swelling (not application site)	No Data	Facial swelling, periorbital oedems, cedems (under chin and nose), head shaking within 2 hours of vaccination. Treate with antifistamine and improved overnight. Was vaccinated with L4 with no reaction. Nothing further:	Chihuahua		Nobivac DHP - 1,N/A,N/A ,24,1 Dose (24/01/2015- 24/01/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (24/01/2015- 24/01/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01014	United Kingdom	Animal	Canine/dog	9 Year(s)	16/06/2014	24/08/2015	1 1	1 26/01/2)15 Yes, R>BR>BR>No Known	Anaemia NOS,Thrombocytopenia,Low platelet count,Lymphadenopathy,Tachycard ia,Pale mucous membrane,Jaundice,Polydipsia,Hyp ocalcaemic condition,Seiture NOS,Polyuria,Tachypnoea,Death by euthanasia,Decreased appettte,Decreased body	No Data	Supercted lack of efficacy, Anoresia 7 months post 2nd dose vaccination. Anoresia, polyuria, polyptipsia, real mitoflicency, hypophosphatemsi, glucosuria, proteinaria and bacteria in the urine 2 weeks later. Treated with antibiotics and fluids. Abdominal scan 10 days, later showed pyelectasia, sacties and spleinc mass. Further blood tests showed anaemia, hyperkalaemia, hypopcalaemia and thrombocytopaemia. Lepto PCR positive for L. bratishava, however further testing could not confirm this. Further examination showed pale mucosus membranes, dehipration, tachproactical, lymphadenopathy, tachypones and hypothermia. Artibiotic treatment continued. Deterioration, jaundec, convolvisors and euthanasis the next day. PME showed extensive changes within the renal cortices and multifical haemorrhage and oedema in bladder. The abdomen contained a moderate serosangulouse efficiencia lessly order leptosproiss. A spelen mass was fround with a damaged	Labrador Retriever	27.3 - 30	Nobivac L4 Suspension for Injection for Dogs - 1,M/A,N/A, 24,1 Dose (16/66/2014 - 16/66/2014)-BR>-BR>-Nobivac Rabies - 1,N/A,N/A, 24,1 Dose (19/05/2014-19/05/2014)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
											supertic-ucreasea out of temperature_Lichturgy (see also Central nervous system depression in Neurological/Nacities_Lack of efficacy, Negemerative anaemia, Dry mucous membrane-phoromal test result_Hopalbumina-emia, Hyperda aemia, Jirine ahomalities NOS_Gliscosuria, Proteinuria, Hypopro citianemia, Elevited BUN, Elevated creatinine, Abnormal ultrasound finding, Abnormal ultrasound f		capsuse (gre existing lesion). Potential for further information (paired serology). No further information received.					
NOBIVAC L4	GB-NLINTVINT-2015-UK-01034	United Kingdom	Animal	Canine/dog	10.5 Year(s)	26/02/2015	04/03/2015	1 1	0 27/02/2)15 Yes, >6 R> >NO	temperature_tethargy (see also Central nervous system depression in 'Neurological']. Ascites_tack of efficacy, Regenerative anaemia, Dry mucous membrane_Abnormal test result_Hypoalbuminaemia, Hyperial aemia, Urine alhormalities NOS, Glucosuria, Proteinuria, Hypor oteinaemia, Elevated BUN_Elevated creatinine_Abnormal ultrasound finding_Abnormal encropsy	Other	capsule (gre existing lesion). Potential for further information (paired serology). No further information received. Lethargy and anorexia 24 hours post vaccination, vaccine used straight from the fridge which is off-label. Emeris the next day. Anorexia still ongoing and yellow diarnhoea started 3 days later. Recovery by the next day with no treatment given.	Bichon Frise		Nobivac DHP - 1,N/A,N/A,10,1 ml (26/02/2015)- 620(2/2015)-880-887-Nobivac L4 Supersión for injection for Dogs- 1/A/A/A/A,10 (12/02/2015)	B - Possible	NCA agrees with the MAH assessment.

Part																			
Part	NOBIVAC L4	GB-NLINTVINT-2015-UK-01050	Kingdom	Animal			30/01/2015	10/03/2015	1 1	0 14/02/201	> Not Known,
 Yes</br 	also haemorrhagic diarrhoea), Yellow mucous membranes, Elevated temperature, Rapid pulse rate		vaccination. IMMA suspected. Treated with confocsteroids, antibiotics. nothing further. Drontal and Advocate had been administered concurrently.		15.6	Medium Dogs - 1,N/A,N/A, 24,N/A (30/01/2015- 30/01/2015/BR~SBR>Drontal Plus Flavour Tablets for Dogs - 1,N/A,N/A ,24,N/A (30/01/2015- 30/01/2015/BR~SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (30/01/2015- 30/01/2015/BB~SBR>	B - Possible	NCA agrees with MAH assessment.
Part				Animal					1 1		R×BR×BR>Not Known, BR×BR ×BR×BR>BR Not Known	a,Fracture,Muscle pain,Lameness,Recumbency,Tachyp noea,Cough,Death by euthanasia,Lethargy (see also Central nervous system depression in 'Neurological'),Lack of efficacy,Abnormal test result,Paloable mass NOS	Not Known	post 2nd dose vaccination. Surgically repaired. Diarnhoea 2 weeks later followed by improvement following antibility teratiment. Tachporoa noted 2 weeks her this. Lethargy, recumbency, tachypnoea and tachycardia 3.5 months later. Leucocytosis on blood tests. Owner had noted a cough 2 months earlier. Mist scan showed mass in right cerebral hemisphere. Euthanasia. Brain histopathology confirmed distemper.	i Bull Terrier	Not Known	(25/07/2014)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (24/05/2014- 24/06/2014)-BR> Nobivac Lepto 2 - 1,N/A,N/A,10,1 ml (25/07/2014-25/07/2014)-BR> 	performed	
Part	NOBIVAC L4	GB-NLINTVINT-2015-UK-01149		Animal	Canine/dog	3.4 Year(s)	27/02/2015	11/03/2015	1 1	0 10/03/201	Known,
 </br 		Not Known		Springer		(31/01/2015- 31/01/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (27/02/2015-	A - Probable	NCA agrees with the MAH assessment.
Part				Animal	Canine/dog	2 Month(s)			1 1		Known, <br< br=""> </br<>	abdomen, Respiratory distress, Tachynnoea, Cough, Letharg y (see also Central nervous system depression in 'Neurological')	Not Known	following other vaccinations. Referred to Glasgow University. Abdominal distension noted on examination, ultrasound and radiographs were normal. Coughing and positive tracheal pinch, treated	Beagle	2.2	[20/02/2015- 20/02/2015/=BR> Nobivac KC - .4.N/A.N/A .10,0.4 mi (02/03/2015- 02/03/2015/+BR> -BR>Nobivac LA Suspension for injection for Dogs -1.N/A.N/A .10,1 mi (06/02/2015- 06/02/2015)+BR>-BR>Nobivac Lepto 2 - 1,N/A.N/A .10,1 mi (20/02/2015-20/02/2015)+BR>-BR>		
Part	NOBIVAC L4	GB-NLINTVINT-2015-UK-01156		Animal	Canine/dog	8.6 Year(s)	09/03/2014	11/03/2015	1 1	0 23/04/201	4 Not Known	Nail disorders NOS	Not Known	therefore lupoid onchodystrophy suspected. Treatment with Viacutan started. One nail had come off	Crossbred	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
Part	NOBIVAC L4	GB-NLINTVINT-2015-UK-01183		Animal	Canine/dog	3.3 Month(s)	12/03/2015	19/03/2015	1 1	0 12/03/201	R> Not		Not Known		Crossbred	Not Known	(12/03/2015- 12/03/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/03/2015-	B - Possible	NCA agrees with the MAH assessment.
Second Park				Animal	Canine/dog	11 Year(s)	13/03/2015	13/03/2015	1 1	0 13/03/201	Known, <br< td=""><td>reaction NOS,Lameness,Trembling,Chatterin g of teeth,Swollen</td><td>No Data</td><td>vaccination. Stomatitis, hypotonia and chattering of teeth immediately after onset. Improvement within seconds, complete recovery within 10 minutes. No further information expected.</td><td>Crossbred</td><td></td><td>(13/02/2015- 13/02/2015) BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/03/2015- 13/03/2015) BR></td><td>A - Probable</td><td>NCA agrees with MAH assessment.</td></br<>	reaction NOS,Lameness,Trembling,Chatterin g of teeth,Swollen	No Data	vaccination. Stomatitis, hypotonia and chattering of teeth immediately after onset. Improvement within seconds, complete recovery within 10 minutes. No further information expected.	Crossbred		(13/02/2015- 13/02/2015) BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/03/2015- 13/03/2015) BR>	A - Probable	NCA agrees with MAH assessment.
	NOBIVAC L4	GB-NLINTVINT-2015-UK-01206		Animal	Canine/dog	4 Year(s)	03/03/2015	29/04/2015	1 1	0 03/03/201	Known, <br< td=""><td>amylase,Abnormal radiograph finding,Hyperglycaemia,Pancreatitis Abnormal test result,Not eating,Collapse (see also 'Cardio- vascular' and 'Systemic disorders'),Lameness,Joint</td><td>Other</td><td>adjasia 6 days later. Lameness and episodes of collapse 2 days later. Joint pain on flexion. Treated with NSADIs. Lameness still onejing 2 days later. Blood tests indicated pancreating, treated with fluids, prednisolone and Zantac. Blood tests 3 days later showed hyperglycaemia, elevated amylase, elevated lipase and elevated red blood cell count. 1 month later still shifting lameness, radiographs may show periotsted reaction on the left radias and urius, likely a polyarthitis. Water glarmbear returned when</td><td>Other Canine/dog</td><td>26</td><td>(03/02/2015- 03/02/2015) Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/03/2015-</td><td>B - Possible</td><td>consistent with product reaction. Immune mediated polyarthritis cannot be excluded as the cause of</td></br<>	amylase,Abnormal radiograph finding,Hyperglycaemia,Pancreatitis Abnormal test result,Not eating,Collapse (see also 'Cardio- vascular' and 'Systemic disorders'),Lameness,Joint	Other	adjasia 6 days later. Lameness and episodes of collapse 2 days later. Joint pain on flexion. Treated with NSADIs. Lameness still onejing 2 days later. Blood tests indicated pancreating, treated with fluids, prednisolone and Zantac. Blood tests 3 days later showed hyperglycaemia, elevated amylase, elevated lipase and elevated red blood cell count. 1 month later still shifting lameness, radiographs may show periotsted reaction on the left radias and urius, likely a polyarthitis. Water glarmbear returned when	Other Canine/dog	26	(03/02/2015- 03/02/2015) Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/03/2015-	B - Possible	consistent with product reaction. Immune mediated polyarthritis cannot be excluded as the cause of
ROBIVAC LA GB-NLINTVINT-2015-UK-01366 NDBIVAC LA GB-NLINTVINT-2015-UK-01366 NDBIVAC LA GB-NLINTVINT-2015-UK-01366 NDBIVAC LA GB-NLINTVINT-2015-UK-01376 NDBIVA			Kingdom						1 1			miting.Lameness,Dermatitis,Skin lesion NOS,Decreased appetite,Depression,Itchy skin,Pododermatitis,Abnormal test result,General hair loss,Skin scab,Increased packed cell volume (PCV)		poddemantitis, political jumphadenopathy and skin disorder (scabo no ears). Treatment with Riekeine and Surolan. 7 days later, pruntus, depression, emesis, alopecia over nose, anorexia and development of skin leions on the feet and back. Treatment with Devaderson. 2 days later, blood sample showed leucceytosis and red blood cell disorder (increased HCI). Treatment with intravenous fluid therapy. And nuclear antibody negative, biopsy consistent with previouslar superficial demantist and folliculitis: 11 days later, treatment with steroids and Malaseb. Lesions have begun to reduce. No further information exected.	Spaniel		for Dogs - 1,N/A,N/A,10,1 ml (14/02/2015-14/02/2015):BR> 		
Singdom Sing			Kingdom						1 1		R> Yes	diarrhoea,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Dehydration	No Data	haemorrhagic diarrhoea within 4 days. Treatment with Ranitidine, Synulox, Probiotics and Glucolyte. Recovery within approximately 2 days. No further information expected.	Beagle	5.7	(13/02/2015- 13/02/2015) Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/02/2015- 13/02/20158R>BR>BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4 GR-NLINTVINT-2015-UK-01378 Unified Animal Canine/dog B-NLINTVINT-2015-UK-01379 Unified Canine/dog B-NLINTVINT-2015-UK	NOBIVAC L4	GB-NLINTVINT-2015-UK-01276		Human	Human	28 Year(s)	20/03/2015	01/04/2015	1 1	0 18/03/201	5 Not Known	bleeding,Injection site	Not Known	product injected. Injection site bleeding lasting for approximately 1 hour followed by injection site bruising and injection site pain 3 to 4 hours later. The needle stick site was cleaned with chlorhexidine and covered with a plaster leading to recovery 1 day later. The patient did not go to the hospital or the	Human	Not Known			
Ningdom Kingdom Kingdo									1 1			NOS,Lymphadenopathy, Vomiting, O cular discharge, Yellow mucous membranes, Nasal discharge, Inappetence, Elevated temperature, Temporary blindness, Elevated liver enzymes	No Data	Enesis, ocular discharge, rhinits, anoresis, hyperthermis, lymphadenopathy within 4 days of second vaccination (unknown if given at room temperature). Following day; juundice, elevated liver enaymes, mild ansemia. Treated with IVFT, no further information.	Spaniel	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml (19/03/2015-19/03/2015) 		
NOBWAC L4 GENUNTVINT-2015-UK-01379 United Animal Canine/dog 3 vear(s) 15/02/2015 24/03/2015 1 1 0 25/03/2015 1 1 0 25/03/2015 1 1 0 25/03/2015 Not Known Epileptic risk year so year containton. The dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so on Sorting very containt on the dog is known epileptic and so			United Kingdom	Animal	Canine/dog	3 Year(s)	05/03/2014		1 1				Not Known	Treatment with Pexion started. Further seizures over the next 2 months leading to transition onto Epiphen. Further seizures noted leafing to an increase in dose of Epiphen. Blood tests showed elevated liver enzymes 5 months post vaccination. Further seizures were noted post vaccination the next year (case 2015-UK-01379).	Border Collie	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml (12 Month(s) 05/03/2014- 05/03/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	NOBIVAC L4	GB-NLINTVINT-2015-UK-01379		Animal	Canine/dog	3 Year(s)	18/02/2015	24/03/2015	1 1	0 26/02/201	5 Not Known	Epileptic fit		Epileptic seizures 20 days following 2nd dose vaccination. The dog is a known epileptic and is on Epiphen treatment but its last seizures was 2 months previously. Seizures had started 20 days following	Border Collie	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-01380	United Kingdom	Animal	Canine/dog	13 Year(s)	25/02/2015	24/03/2015	1 1	0 25/02	ZO15 Not Known, <br Yes</br </b 	«BR» Ideeding NOS, Non-regenerative anaemia, Loy platelet court. Essinophilla, Abdominal mass, Abnorma ultrasound finding, Coughing up bloody hypoal buminaemia, Abnorm Itest result, Muccoa petechiae, Blood in faces, Off colour, Lamenes, Gall bladder inflammation, Oral bleeding, Pale mucous membrane, Splenomegaly, Neutrop ola	No Data	Malaise starting 24 hours post vaccination. Pale mucous membranes, blood in mouth, gum petechiae, lameness and mass in cranial abdomen on examination 2 weeks later. Ultrasound revealed splenomagaly with hypocehic nodules, enlarge gall blades, gastric wall tributenia and enlarged pancreatic hymph node. Lungworm negative. Blood tests showed hyperpoteinaemia, low cholesterol, anaemia, leucopenia and neutropenia. Narked prolongation of AFT activity (organistion abnormality). Suspected lymphoma or myeloma. Owner declined further tests. Recovered 2 weeks after this. Dog was on concurrent administration of Loxicom (assumed be Loxicom 1.5mg/ml oral).	Labrador Retriever	39.6	Loxicom 1.5 mg/ml Oral Suspension for Dogs - 1,1,1 Days, 24, Unknown- Once Daily (20/2/2015- N/A)-RBR-GR-Noblwa L 12 Suspension for Injection for Dogs -1,N/A,N/A, 10,1 ml (25/02/2015- 25/02/2015)-BR-GR-	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-01382	United Kingdom			2 Month(s)		08/04/2015	1 1		'2015 Not Known, >BR><br Yes, < R> <b< td=""><td>diarrhoea, Vomitting, Blood in No-EB vomit, Depression, Elevated temperature, Thrombocytosis, Star- gazing</td><td>a Other</td><td>Emesis and diarrhoea 3 days following vaccination and 24 hours following Bravecto administration. Haemontragia climbroea and haematemises 2 days later. Blood tests showed entropenia. Treated with fluids. Pyrexia, lethargy, leutopenia, neutropenia, thrombocytosis, continued emesis and haemontragia climbroea and impaired controlicuouses 3 days later. Treated with mutablotics, Gerenia, Zantac and fluids. Snap test negative for parvovirus. V5 suspected trapped neutrophil syndrome.</td><td>Border Collie</td><td>2.1</td><td>Bravecto 112.5 mg Chewable Tablets for Dogs - 112.5,N/A/N/A ,3,112.5 mg Once (18/03/2015- 18/03/2015\cite Bra-Riber Nothwac DHP - 1N/A/N/A ,0.1 mt (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for injection for Dogs 1,N/A/N/A,10,1 ml (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for injection for Dogs - 1,N/A/N/A,10,1 ml (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for Suspension for Suspe</td><td>O - Unclassifiable/unassessa ble</td><td></td></b<></br </b 	diarrhoea, Vomitting, Blood in No-EB vomit, Depression, Elevated temperature, Thrombocytosis, Star- gazing	a Other	Emesis and diarrhoea 3 days following vaccination and 24 hours following Bravecto administration. Haemontragia climbroea and haematemises 2 days later. Blood tests showed entropenia. Treated with fluids. Pyrexia, lethargy, leutopenia, neutropenia, thrombocytosis, continued emesis and haemontragia climbroea and impaired controlicuouses 3 days later. Treated with mutablotics, Gerenia, Zantac and fluids. Snap test negative for parvovirus. V5 suspected trapped neutrophil syndrome.	Border Collie	2.1	Bravecto 112.5 mg Chewable Tablets for Dogs - 112.5,N/A/N/A ,3,112.5 mg Once (18/03/2015- 18/03/2015\cite Bra-Riber Nothwac DHP - 1N/A/N/A ,0.1 mt (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for injection for Dogs 1,N/A/N/A,10,1 ml (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for injection for Dogs - 1,N/A/N/A,10,1 ml (16/03/2015- 16/03/2015\cite Bra-Riber Nothwac Lus Suspension for Suspension for Suspe	O - Unclassifiable/unassessa ble	
NOBIVAC L4	GB-NLINTVINT-2015-UK-01415	United Kingdom	Animal	Canine/dog	7 Year(s)	01/11/2013	26/03/2015	1 1	1 01/11	2013 Yes	Anxiety, Behavioural disorder NOS, Inappropriate urination, Death by euthanasia, Off colour	No Data	Malaise, anxiety, behavioural disorder (would not sleep in own bed, cannot be left alone, destructive in house), inappropriate urination starting within 24 hours of vaccination, continuing for 17 months. Dog became unpredictable and destructive, and was euthanased. Nothing further available.	n Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/11/2013-01/11/2013) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01418	United Kingdom	Animal	Canine/dog	9 Year(s)	25/03/2015	26/03/2015	1 1	0 25/03	2015 No	Hypersalivation,Epileptic seizure,Panting	Other	Epileptic seizure, panting and hypersalivation 1.5 hours post vaccination. Recovered, nothing further expected. Dog was already on Pexion for treatment of epilepsy for approximately 2-3 months, and ha been stable prior to vaccination.	Crossbred d	43	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (25/03/2015-25/03/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2015-UK-01510	United Kingdom	Animal	Canine/dog	1.6 Year(s)	28/03/2015	01/04/2015	1 1	0 29/03	2015 Yes, < R> <b< td=""><td></td><td>Other</td><td>Consultions 24 hours post vaccination lasting for 3 minutes followed by hold limb ataxia lasting for a further 20 minutes. Accord convolution occurred 3 days lart. He dog is a rescue dog so any previous elizure history is unknown. The vaccine was administered straight from the fridge.</td><td>Crossbred</td><td>33.2</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (28/03/2015- 28/03/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/03/2015- 28/03/2015) </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with the MAH assessment.</td></b<>		Other	Consultions 24 hours post vaccination lasting for 3 minutes followed by hold limb ataxia lasting for a further 20 minutes. Accord convolution occurred 3 days lart. He dog is a rescue dog so any previous elizure history is unknown. The vaccine was administered straight from the fridge.	Crossbred	33.2	Nobivac DHP - 1,N/A,N/A,10,1 ml (28/03/2015- 28/03/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/03/2015- 28/03/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01518	United Kingdom	Animal	Canine/dog	2.5 Year(s)	12/02/2015	01/06/2015	1 1	0 18/03	2015 Yes, < R> <b< td=""><td></td><td>Other</td><td>Alaxia and a mass identified approximately 1 month after second Nobioc L4 vaccination and 2 months after Nobioc L6. Vaccination and 2 months after Nobioc L7. Then enedit aspirate of mass, 24 hours after orned, showed reactive hymphold issue, lemmess continued. Treatment with Metazon and Vetergeis: Verwähres, depression anorexia and should mass duly sinter ornez. Anaemis, splenic changes in ultrasound, extramedullary hamentopoesis of the spleen, heart murmum, strucipat regulation and eneutrophic inflammation of all joints 12 days after onset. Signs suggestive of immune mediated polyarthritis. Treatment with operdiscionce, askippatrin and metapoent in and omeropacine. No further information.</td><td>Other Canine/dog</td><td>18</td><td></td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></b<>		Other	Alaxia and a mass identified approximately 1 month after second Nobioc L4 vaccination and 2 months after Nobioc L6. Vaccination and 2 months after Nobioc L7. Then enedit aspirate of mass, 24 hours after orned, showed reactive hymphold issue, lemmess continued. Treatment with Metazon and Vetergeis: Verwähres, depression anorexia and should mass duly sinter ornez. Anaemis, splenic changes in ultrasound, extramedullary hamentopoesis of the spleen, heart murmum, strucipat regulation and eneutrophic inflammation of all joints 12 days after onset. Signs suggestive of immune mediated polyarthritis. Treatment with operdiscionce, askippatrin and metapoent in and omeropacine. No further information.	Other Canine/dog	18		B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01570	United Kingdom	Animal	Canine/dog	7 Year(s)	07/04/2015	08/04/2015	1 1	0 07/04	2015 No	Diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurological'), Mout ulcer, Swollen lip (see also 'Skin')	Other	Allergic oedema of the lips, lethargy, emesis and diarrhoea 2 hours post vaccination. Treated with fluids and corticosteroids. It keration of the left upper mucous membranes also noted and the dog ha- been in the garden since it was vaccinated. Recovery by the next day.	Boxer d (German Boxer)	27.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (07/04/2015-07/04/2015) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01619	United Kingdom	Human	Human	Not Known	09/04/2015	09/06/2015	1 1	0 09/04	2015 Not Know	Injection site swelling,Nausea,Injection site pain	Not Known	Veterinarian self-injected the top of her left thumb with a dirty needle. The injury did not bleed and was not washed immediately, Approximately 3 hours later the patient experienced pain at the site of injury and washed it. Patient felt briefly nauseous initially the following day, and the thumb was sore and swollen. MAH is awaiting further information. No more information received despite MAH reques sent. Case closes.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,24 		
NOBIVAC L4	GB-NLINTVINT-2015-UK-01656	United Kingdom	Animal	Canine/dog	10.6 Year(s)	23/02/2015	22/04/2015	1 1	0 09/03	2015 Yes, < R> <b< td=""><td></td><td>No Data</td><td>Ear infection diagnosed 2 weeks post vaccination. Lethargy and pyrexis noted 1 week later, followed by emesis, distension of the abdomen and meleane. Treated with Tramadol and Norocks, no further investigation. The dog had been on meloxicam for the treatment of arithritis but the owner stopped this when the ear infection was noted. Exploratory surgery approximately one month later identified an abdominal mass attached to the intestine and liver. Dog is doing well, no diagnostics performed. Nothing further expected.</td><td>English Springer Spaniel</td><td>28.3</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (23/02/2015- 23/02/2015-)sR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1.0.1 ml (23/02/2015- 23/02/2015)sBR>-BR></td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with the MAH assessment.</td></b<>		No Data	Ear infection diagnosed 2 weeks post vaccination. Lethargy and pyrexis noted 1 week later, followed by emesis, distension of the abdomen and meleane. Treated with Tramadol and Norocks, no further investigation. The dog had been on meloxicam for the treatment of arithritis but the owner stopped this when the ear infection was noted. Exploratory surgery approximately one month later identified an abdominal mass attached to the intestine and liver. Dog is doing well, no diagnostics performed. Nothing further expected.	English Springer Spaniel	28.3	Nobivac DHP - 1,N/A,N/A, 10,1 ml (23/02/2015- 23/02/2015-)sR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1.0.1 ml (23/02/2015- 23/02/2015)sBR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-01660	United Kingdom	Animal	Canine/dog	12 Week(s)	14/04/2015	14/04/2015	1 1	0 14/04		Injection site swelling Injection site pain, Sleepines - neurological disorder, Not drinking, Hypothermia, Lethargy (see also Central nervous system depression in Neurological'), Depression, Relucta Lt mowe, Not eating	e Other	saftays; anorexis, adipsis and reluctant to move within a few hours post 2nd dose vaccination. Hypothermia, combinence, injection is swelling and injection site pain noted on examination later the same day. Treated with NSAIDs. Vaccine administered straight from fridge.	Jack Russell ie Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (14/04/2015-14/04/2015) 	A - Probable	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-01697	United Kingdom	Animal		2 Month(s)		15/04/2015	1 1		2015 Yes, < R> <b< td=""><td>No disorder, Anaemia NOS, Leucocytosis, Tachycardia, Hyp ersailwation, Vomitting, Not drinking, Tachypnoea, Inappetence, ethargy (see also Central nervous system depression in 'Neurological'), Elevated temperature, Hypokalemic condition</td><td>Other</td><td>Anorexia and lethrary within 2 hours of vaccination administration. Next day lethrarys, dull, anorexia adgiss, previa, is Apynopou, a Lafyncarda, Seepiness, hyperalysiation, and emesis. Blood test show leukocytosis, anaemia, hypokalaemia. Commenced IVFT, Synulox, Meloxicam, metronidazole, probind Recovered 48 hours later, sent home.</td><td>Poodle .</td><td></td><td>Nobivac DHP - 1,N/A,N/A, 24,1 ml (13/04/2015-13/04/2015-13/04/2015)-RR>-RR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,24,1 ml (13/04/2015-13/04/2015)-BR>-CBR></td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></b<>	No disorder, Anaemia NOS, Leucocytosis, Tachycardia, Hyp ersailwation, Vomitting, Not drinking, Tachypnoea, Inappetence, ethargy (see also Central nervous system depression in 'Neurological'), Elevated temperature, Hypokalemic condition	Other	Anorexia and lethrary within 2 hours of vaccination administration. Next day lethrarys, dull, anorexia adgiss, previa, is Apynopou, a Lafyncarda, Seepiness, hyperalysiation, and emesis. Blood test show leukocytosis, anaemia, hypokalaemia. Commenced IVFT, Synulox, Meloxicam, metronidazole, probind Recovered 48 hours later, sent home.	Poodle .		Nobivac DHP - 1,N/A,N/A, 24,1 ml (13/04/2015-13/04/2015-13/04/2015)-RR>-RR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,24,1 ml (13/04/2015-13/04/2015)-BR>-CBR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01719	United Kingdom	Animal	Canine/dog	10 Year(s)	15/04/2015	16/04/2015	1 1	1 15/04	ZO15 Not Known, <b known,<b="" known<="" no,<br×b="" no,<br×br="" not="" rno,kbr×cr="" td="" ×br×br=""><td>Centhansia, Lethargy (see also Central nervous system depression in Neurological'), Lateral 88Ps recumbency, Proprioception 5-8 loss, Deptydation, Walking Net Grid of the Centhal Condition, Gait abnormality, Stargazing, Dull</td><td>Other</td><td>Emesis, Ratias, duliness, lethurgy, proprioceptive effolts within 2 hours of vaccination and an unknow period of time following regular Verology administration for management of Louisings. Seen Shours like by VS and found to be dult, tachycardic, tachyponice and dehydrated. Admitted for IVFT, rantidine and manoplatust. Showed improvement the rate day but still swaling with hind legs crossed over. Next day given another Vetoryl tablet as usual, within 2 hours became laterally recumbent and with impaired conclosioness. Hypokalsemia was identified on blood tests. No further details expected.</td><td>n Shetland er Sheepdog i</td><td>4.8</td><td>Nobiac DIP - 1,N/A,N/A, 24,1 ml (15/04/2015-15/04/2015-185/04/2015-15/04/201</td><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment comments.</td>	Centhansia, Lethargy (see also Central nervous system depression in Neurological'), Lateral 88Ps recumbency, Proprioception 5-8 loss, Deptydation, Walking Net Grid of the Centhal Condition, Gait abnormality, Stargazing, Dull	Other	Emesis, Ratias, duliness, lethurgy, proprioceptive effolts within 2 hours of vaccination and an unknow period of time following regular Verology administration for management of Louisings. Seen Shours like by VS and found to be dult, tachycardic, tachyponice and dehydrated. Admitted for IVFT, rantidine and manoplatust. Showed improvement the rate day but still swaling with hind legs crossed over. Next day given another Vetoryl tablet as usual, within 2 hours became laterally recumbent and with impaired conclosioness. Hypokalsemia was identified on blood tests. No further details expected.	n Shetland er Sheepdog i	4.8	Nobiac DIP - 1,N/A,N/A, 24,1 ml (15/04/2015-15/04/2015-185/04/2015-15/04/201	O1 - Inconclusive	NCA agrees with MAH assessment comments.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01739	United Kingdom	Animal	Canine/dog	6 Year(s)	17/03/2015	17/04/2015	1 1	0 25/03	2015 Yes, < R> <b< td=""><td>R><b nos<br="" seizure="">>No</td><td>Other</td><td>Commission 6 days post vaccination. 2 years prior had mild commission shortly after vaccination. Vaccine used was unknown. Nothing further expected. Linked with 2015-UK-01742</td><td>German Shepherd Dog</td><td>26</td><td>Nobivac DHPPI - 1,N/A,N/A,24,N/A (17/03/2015- 17/03/2015)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,N/A (17/03/2015- 17/03/2015)-BR>- </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment.</td></b<>	R> <b nos<br="" seizure="">>No	Other	Commission 6 days post vaccination. 2 years prior had mild commission shortly after vaccination. Vaccine used was unknown. Nothing further expected. Linked with 2015-UK-01742	German Shepherd Dog	26	Nobivac DHPPI - 1,N/A,N/A,24,N/A (17/03/2015- 17/03/2015)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,N/A (17/03/2015- 17/03/2015)-BR>- 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-01742	United Kingdom	Animal	Canine/dog	6 Year(s)	14/04/2015	17/04/2015	1 1	0 14/04/20:	5 Yes	Seizure NOS	No Data	Convulsion starting within 4 hours of vaccination. Repeat convulsion 5 hours later. Another seizure the following day. Bloods within normal limits, nothing further expected. Linked case (previous application 2015-UK-01739 (seizure 8d post vaccination)		26	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (14/04/2015-14/04/2015) SR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01745	United Kingdom	Animal	Canine/dog	Week(s)	09/10/2014	17/04/2015	1 1		4 Yes, <e R> Not Known</e 	NOS,Leucopenia,Neutrophilia,Diarr hoea,Haemorrhagic gastroenteritis,Lethargy (see also Central nervous system depression in 'Neurological'),Elevated temperature,Abnormal test result	Not Known	Darrhoes, hyperthermia, letharp, progressing to hearnorrhagic gastroenteritis within 2.4-8 hours following vaccination, NBI from pupply mand soft stook were noted prior to uccination, like-all snap was weak positive for parnovirus, and strong positive on lab antigen test suggesting true field infection. Unknown treatment given. Bloods showed leucopenia, anaemia, neutrophilia. Recovered, nothing further expected.	Border Collie	Known	(09/10/2014)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A,10,1 ml (09/10/2014- 09/10/2014)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01790	United Kingdom	Animal	Canine/dog		20/04/2015	22/06/2015	1 1	0 20/04/20:	R> Not Known	Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Elevated temperature	Known	Lethargy, hyperthermila, anorexia within 24 hours of vaccination. Treated with IVFT, NSAIDs and antibiotics. No further information.	Other Canine/dog		Nobivac DHP - 1,N/A,N/A, 10,1 ml (20/04/2015- 20/04/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (20/04/2015- 20/04/2015)-BR>- <bp></bp>	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01794	United Kingdom	Animal	Canine/dog		20/04/2015	21/04/2015	1 1		R> Yes	Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Sudden death		Loss of consciousness and death within 7-8 hours of vaccination. No PME, nothing further.	Yorkshire Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (20/04/2015- 20/04/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01798	United Kingdom	Animal	Canine/dog	2 Month(s)	13/04/2015	21/04/2015	1 1	0 13/04/20:	5 Yes, <e R> Yes</e 	Leucocytosis, Drooling, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Dull	, No Data	Lethargy, anorexia, hyperthermia, drooling, dull, leurocytosis within 24 hours of vaccination. Dog was treated with NSAIDs, antibiotics, IVFT. Discharged the following day. Nothing further.	Standard Poodle	4.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/04/2015- 13/04/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/04/2015- 13/04/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01799	United Kingdom	Animal	Canine/dog	9 Year(s)	26/03/2015	21/04/2015	1 1	0 28/03/20:	5 No	Lethargy (see also Central nervous system depression in 'Neurological'),Malaise,Epileptic fit	Other	Lethargy and malaise within 24 hours post 2nd dose vaccination leading to epileptic seizures the next day. Each seizure lasted 10 minutes. The dog had a history of seizures but only on hot days and this was not a hot day. No investigation carried out.	Crossbred	9.65	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (26/03/2015-26/03/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01805	United Kingdom	Animal	Canine/dog	1 Year(s)	21/04/2015	21/04/2015	1 1	0 21/04/20:	5 No, <b R> No</b 	Eyelid inflammation,Facial swelling (see also 'Skin'),Panting,Lethargy (see also Central nervous system depression in 'Neurological'),Pale mucous membrane,Elevated temperature	Other	Facial swelling, parting, lethargy, blepharitis, pale mucous membranes, hyperthemia within 2 hours of vaccination. Treated with IVFT and steroids. Recovered within 4.5 hours. Nothing further.	Shih Tzu	7	Canigen DHP - 1,N/A,N/A,10,1 ml (21/04/2015- 21/04/2015)=BR> >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (21/04/2015- 21/04/2015)=BR> >	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01833	United Kingdom	Animal	Canine/dog	1.6 Month(s	20/02/2015	22/04/2015	1 1	0 20/02/20:	5 Yes	Behavioural disorder NOS,Cardiac disorder NOS,Coma,Reluctant to move,Limb weakness,Unresponsive	No Data	Behavioural disorder within a few hours of vaccination. After 6 hours appeared to be in a coma, unresponsive to stimuli, erratic heart rate (Veddra-cardiac disorder NOS), reluctant to move. Bright within Zhours of this, then full recovery within 11 hours. Nothing further.	Norfolk Terrier	7.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (20/02/2015-20/02/2015) 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01835	United Kingdom	Animal		15 Month(s)		22/04/2015	1 1	0 21/04/20	Known, <br <br<br<br<br<br<br<br< br<="" br<br<="" td=""><td>depression in **Weurological_Uistless_Elevated temperature_Blood in faces_Eye haemorrhage_Not eating_Ahormat test result_Eye pain_Flaking sish_Swollen hymph node, Tracheal and langread disorder NOS_Breathlesses_Ahormal stood colouration_Hyperphosphataemia_T trombocytosis_Prolonged activated partial thrombin time [APTTL_Soinophila_Lymphocytosis_ Arrhythmia_Tachpardia_Darmhoea, Gagging_Livenis_Epiphora_Conjuncti vitis_Lameness_Constricted pupis_T witching_Photophobia</td><td>Other</td><td>allel compreteduts noted 14 days after DIFFPLA 4. It time of second DIFFP vaccination. Treated with coloromphesics of loops. Darknows andered 5 days later, recolored within 24 hours. 2 days later, discrimination of the coloromatics of the color</td><td>Golden Retriever</td><td></td><td>Advante Spot-on-Solution for Extra Luga Dogs. "MAN JAN JAN JAN JAN JAN JAN JAN JAN JAN J</td><td></td><td>NCA agrees with MAM assessment.</td></br<br<br<br<br<br<br<></br 	depression in **Weurological_Uistless_Elevated temperature_Blood in faces_Eye haemorrhage_Not eating_Ahormat test result_Eye pain_Flaking sish_Swollen hymph node, Tracheal and langread disorder NOS_Breathlesses_Ahormal stood colouration_Hyperphosphataemia_T trombocytosis_Prolonged activated partial thrombin time [APTTL_Soinophila_Lymphocytosis_ Arrhythmia_Tachpardia_Darmhoea, Gagging_Livenis_Epiphora_Conjuncti vitis_Lameness_Constricted pupis_T witching_Photophobia	Other	allel compreteduts noted 14 days after DIFFPLA 4. It time of second DIFFP vaccination. Treated with coloromphesics of loops. Darknows andered 5 days later, recolored within 24 hours. 2 days later, discrimination of the coloromatics of the color	Golden Retriever		Advante Spot-on-Solution for Extra Luga Dogs. "MAN JAN JAN JAN JAN JAN JAN JAN JAN JAN J		NCA agrees with MAM assessment.
	GB-HLINTVINT-2015-UK-01838	United Kingdom	Animal	Canine/dog	9 Year(s)	23/03/2015	31/07/2015	1 1		5 Yes, R> Yes	Lymphadenopathy, Vomitring, Blood in vomit, Not drinking, Joint inflammation, Joint stiffness, Ataxis, General pain (see other SOCs for specific pain), Lethairy (see also Central nervous system depression in Neurologicari), Off Neurologicari), Off Coolour, Pyrexis, Meight loss, Proprioception defloit, Albornal test result, Strabismus, Walking difficulty hatemoconcentration	No Data	General pain within short (unspecified) time post vaccination. (Vs noted lumps including mammary mass, possible polygional attime of vaccination), 8 days later ataxia (hindimized, walking difficulty, malaise. 5-7 days following this: tehrapy, hyperthermis, hyperabermas, bracklast suspects in exclusions and the subclinical issues and then vaccination caused the inflammation of the jihit and selsion in Clo 10 Tcd for spince usused the station. Hiematicinesis of months later and owner reports occasions emesis for past 3 months. Vet stagests a reaction to the MSADIs admissred, tracted with omegrazole and antibiotics leading to improvement but emesis and weight loss is still ongoing.	Dobermann ,	33.5	Noblac DIP - 1.N/AN/A 2.4.1 dosage (23/03/2015- branch 23/03/2015- else-dib-noblac 1.2 / 03/2015- else-dib-noblac 1.4 supersion for injection for Days - 1.N/AN/A 2.4.1 dosage (23/03/2015- 23/03/2015- else-else-	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01841	United Kingdom	Animal	Canine/dog	7 Year(s)	19/03/2015	23/04/2015	1 1	0 09/04/20:	5 Yes	Fit	No Data	Convulsions starting 3 weeks after vaccination. Since then, has had 5-6 episodes. Bloods normal. Nothing further.	Crossbred	6.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (19/03/2015-19/03/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01857	United Kingdom	Animal	Canine/dog	9.5 Week(s)	13/04/2015	23/06/2015	1 1	0 20/04/20:	5 Yes, <e R> No</e 	Hypoalbuminaemia, Hyperglycaemi a, Hypoproteinaemia, Alkalosis, Dull, Abnormal test result, Elevated temperature, Depression, Vomiting, Haemorrhagic diarrhoea, Diarrhoea, Leucocytosis, Neutropenia	Other	Emesis within 7 days of vaccination (L4 not given at room temperature). The following day, haemorrhagic diarrhoes. Snap test was positive for Parvo virus. Hyperthermia. Treated with IVFT, antiemetics and antibiotics. The following day, darrhoes continued but brighter and no further emesis Bloods: leucocytosis, neutropenia, hyperglycaemia, hypoalbuminaemia, hypoproteinaemia, low haemoglobin and mean corpuscular haemoglobin concertration, alkalosis. Dull and depression. Treated with paracetamol (?iV). No further information.	English Cocker Spaniel		Nobivac DHP - 1,N/A,N/A,24,N/A (13/04/2015- 13/04/2015)-BR> >Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (13/04/2015- 13/04/2015)-BR> >	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-01867	United Kingdom	Animal	Canine/dog	5 Year(s)	28/08/2014	23/06/2015	1 1	0 01/04/20:	5 Not Known, <br×br > Yes</br×br 	Lack of efficacy, Abnormal test result, Elevated liver enzymes, Elevated bile acids, Elevated total bilirubin, Vomiting, Lameness, Lethar gy (see also Central nervous system depression in 'Neurological')	No Data	Supercial lack of efficacy, Leptospirosis suspected 8 months post vaccination course. 7 day history of leptange, mesis. Opple daffein into river that day and had immeres as well so treated with paracetamol by owners, then VS treated with antiemetic, artacids. Blood test (unknown) for canine pancreatifis was normal, however elevated liver enzymes/total bilirubir/bile acids. No further information.	Labrador Retriever	39.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (28/08/2014) 28/08/2014) SENSHIP SENSING TO THE SEN	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-01898	Heitod	Animal	Canina (dag	E Voor(e)	17/04/2015	18/04/2015	1 1	1 19/04/2015	Not	Sudden death, Lethargy (see also	Othor	Lethargy and death 24 hours post 2nd dose L4 vaccination. Vaccine used off-label straight from the	Crossbred	10	Nobivac KC - 1,N/A,N/A ,24,N/A	0	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLIN I VIN I - 2015- UK-01898	United Kingdom	Animai	Canine/dog	5 Year(s)	17/04/2015	18/04/2015	1 1	1 18/04/2015	Known, BR > 	Sudden death, Lethargy (see also Central nervous system depression in 'Neurological')	Other	Lettargy and beath 24 hours post znd dose L4 vaccination. Vaccine used off-label straight from the fridge. No PME carried out.	Crossbred	10	NODWAC KL - 1,N/A,N/A,24,N/A (20/03/2015- 20/03/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/04/2015- 17/04/2015) 	Unclassifiable/unassessa ble	N.C.A agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-01922	United Kingdom	Animal		3.3 Year(s)	23/04/2015	09/12/2015	1 1	0 28/04/2015	R> No	lesion,injection site mucopurulent discharge,injection site serous discharge,Aggression,Anwiety,Behav loural discorder NOS,Vomiting,Inappetence,Letharg y (see also Central nervous system depression in "Neurological"),Localised pain NOS (see other 'SOS; for specific pain)	Other	Anorexia, lethangy and 4cm injection site swelling 5 days after vaccination with Nobivac DHP and L4. Treated by clipping and cleaning the swollen area. On examination, yellow injection site servous discharge and injection site scab. Treatment with Metazam and Classappins. Progression to aggression and intermittent emesis after 7 days after vaccination. Full thickness injection site skin wound flesion) identified exposing the mucke layer with pruvient discharge persent. Yeast culture negative. Approximately 8 months post vaccination, dog exhibiting signs of anxiety and aggression when the are is touched. No further information expected.	Crossbred	4.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/04/2015)- (23/04/2015)-BR->BR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml (23/04/2015- 23/04/2015)-BR->BR->BR->	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01923	United Kingdom	Animal	Canine/dog			29/04/2015	1 1		5 Yes, <e R> Yes</e 	Paralysis,Shivering,Stiff gait,Shaking	No Data	Solff gilt, shkvering, paralysis, shaking episode lasting approximately 10 minutes, within 24 hours post vaccination. 4 days later had a repeat episode. Nothing further.	Labrador Retriever	56	Nobivac KC4,N/A,N/A ,10,0.4 ml (N/A-21/04/2015)-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (N/A- 21/04/2015)-BR>>BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-01978	United Kingdom	Animal	Canine/dog	9 Week(s)	24/04/2015	30/04/2015	1 1	1 27/04/2015	Yes, < R> No	Diarrhoea, Vomiting, Fit, Death, Inapp etence, Lethargy (see also Central nervous system depression in 'Neurological'), Hypoglycaemia	Other	Emesis, diarrhoea, lethargy and anorexia 3 days post vaccination (vaccine administreed off-label straight from fridge). Treated with glucose, oxygen and fluids. Death 2 days later. No PME carried out.	Pug		Nobivac DHP - 1,N/A,N/A,10,1 ml (24/04/2015- 24/04/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02023	United Kingdom	Animal	Canine/dog	8.11 Year(s)	22/04/2015	12/05/2015	1 1	0 23/04/2015	5 Yes, <e R>BR>BR>Yes BR>BR> BR>BR>Not Known</e 	Anaemia NOS,Vomiting,Inappetence,Abnorm al test result,Immune mediated haemolytic anaemia,Incoordination,Hypokale mic condition,Hyperproteinaemia,Eleva terl amulase	Not Known	Emesis starting 24 hours post vaccination followed by 4 episodes of ataxia, each lasting a few seconds. Anorexia I Oday site. Blood tests 3 days after this showed anemia, hyperprofusenemia, elevated amylase, hypokalsemia, and possible immune mediated haemolytic anaemia. Treated with fluids and steroids leading to some improvement.	: Jack Russell Terrier	14.5	Nobiwac DHP - 1,N/A,N/A,10,1 ml (22/04/2015- 22/04/2015-BR> Nobiwac KC - 4,N/A,N/A,10,0.4 ml (22/04/2015- 22/04/2015)-BR> Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/04/2015- 27/04/2015)-BR> Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/04/2015- 27/04/2015)-BR> Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/04/2015-27/04/20	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-02029	United Kingdom	Animal	Canine/dog	8.5 Year(s)	30/04/2015	18/05/2015	1 1	0 05/05/2015	5 Yes, <e R> Yes BR> Not Known</e 	Distress, Tachycardia, Distension of abdomen, Retching, Tachypnoea, Par ting, Cough, Elevated temperature, Foam in the mouth, Bloated, Spondylosis	Not Known	Retching, coughing, pyrexis, anxiety, tachypones, tachycardis, foam in the respiratory tract and bloating of days post vaccinion with Notivac KC, L4 and DHP. Radiographs showed lumbar spondylosis but were otherwise within normal limits. Treatment with melosical and codeine. Resolution of clinical signs excluding dry cough and abdominal distension by 3 days after onset. Outcome unknown, no further information expected.	Not Applicable	43	Nobivac DHP - 1,N/A.N/A, 10,1 ml (30/04/2015-8)0/4/2015-80/4/2015-80/04/2015-80/4/2015-80/4/2015-80/4/2015-80/04/2015-80	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02030	United Kingdom	Animal	Canine/dog	7.9 Year(s)	01/05/2015	05/05/2015	1 1	0 03/05/2015	Not Known, SRS-BR> SRS-BR> SRS-BR> Not Known, SRS-BR> SRS-BR> KNOSHS-BR> SRS-BR> SRS-BR-BR> SRS-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-		Not Known	Emesis, shaking, letharpy and anoresia 48 hours post vaccination and concurrent administration of Bravecto and Milbiams. Treated with fluids and sent home. Returned with further emesis and letharpy. A foreign body of an acorn was found and surgically removed leading to full recovery.	Jack Russell Terrier	6.6	Barwich 230 mg Chewable Tablets for Dogs - 230/MA/NA, 3,250 mg Once (81/05/2015). Group Core (81	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02033	United Kingdom	Animal	Canine/dog	9.5 Year(s)	23/04/2015	03/07/2015	1 1	0 28/04/2015	Not Known	Eosinophilia,Leucopenia,Neutropen ia,Vomiting,Abnormal test result	Not Known	Emesis 1 week post vaccination. Treated with fluids and antibiotics. Blood tests showed leucopenia, neutropenia and eosinophilia. Radiographs showed no abnormalities. No further information received	Labrador I. Retriever	31	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (23/04/2015-23/04/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02054	United Kingdom	Animal	Canine/dog	4 Year(s)	05/05/2015	13/05/2015	1 1	0 05/05/2015	Yes, <e R> No</e 	Diarrhoea, Vomiting, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Collapse of leg, Stiffness NOS	Other	Paresis of hind legs, collapse, emests, disurrhose and stiffress on examination about 5 hours post vaccination. The down serported to have distribed prior to vaccination. Traded with analgesics leading to some improvement by the next day. Nobivac L4 was not given at room temperature.	Other Canine/dog	11.9	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (05/05/2015- 05/05/2015) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,N/A (05/05/2015- 05/05/2015\>BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02075	United Kingdom	Animal	Canine/dog	9 Week(s)	22/04/2015	07/05/2015	1 1	0 22/04/2015	5 Yes, <e R> Yes</e 	Lethargy (see also Central nervous system depression in 'Neurological'),Injection site pain,Decreased appetite	No Data	Lethargy, anorexia and injection site pain within a few hours post vaccination. Recovery 24 hours later	r. Chihuahua	0.85	Nobivac DHP - 1,N/A,N/A,10,1 ml (22/04/2015- 22/04/2015) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/04/2015- 22/04/2015\RR> <rr></rr>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02091	United Kingdom	Animal	Canine/dog	18 Month(s)	07/05/2015	28/07/2015	1 1	0 07/05/2015	5 Yes, <r< br="">No</r<>	Behavioural disorder NOS,Haemorrhage NOS,Head shake -ear et disorder,Disorientation,Twitching,C ough,Lethargy (see also Central nervous system depression in Neurological),Off Colour,Foaming at the mouth,Absence seizure,Shaking,Elevated BUN,Elevated ALT,Pacing	Other	Coughing and haemorrhage (producing bloody) liquid but not specified from where) within a minutes post 2 nd dose vaccination given off-labed idner from the fridge. Trainsported to other vet practice taking 15 minutes. Hypersal lavation noted on examination. Tracted with Dupkanort. Shaking and head twitching started later the same day followed by a further 6 to 7 episodes of twitching, Lethargy noted the next morring followed by a further episode of twitching and a period of a basence followed by pacing and hiding behaviour. Lethargy the next morring but examination was unremarkable. Blood tests showed eleverad AT and elevated AT. and relevate BUN. Further blood tests 2 weeks later showed eosinophilia, normal ALT and elevated BUN. No further information expected.	Jack Russell Terrier	3.7	Nobivac OHP - 1,N/A,N/A,10,1 ml (07/05/2015- 07/05/2015)BR>~BR>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml (07/05/2015- 07/05/2015)~BR~ 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02113	United Kingdom	Animal	Canine/dog	4 Year(s)	02/05/2015	09/05/2015	1 1	0 07/05/2015	5 Not Known	Injection site abscess,Injection site lump,Vomiting,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Elevated temperature	Not Known	injection site lump 5 days post vaccination. Emesis, anorexia, lethargy and pus aspirated from lump, injection site abucess noted on examination. Treated with antibiotics and NSAIDs. Swelling increased in size and previal developed. Treated with fluids, Zantac, antibiotics and Pardale. Abscess drained leading to improvement.	Tibetan Terrier	11.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/05/2015-02/05/2015) -BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02114	United Kingdom	Animal	Canine/dog	7 Year(s)	07/05/2015	10/05/2015	1 1	0 09/05/2015	Not Known, BR >BR>BR>BR Not Known		Not Known	Lathage, imb weakness, cheving at hind legs, privals and tachipropes 2 days post sectionation. The dog had a tick renoved at the same time as vaccination. Yet suspected Lyine disease. No investigation performed. Treated with antibiotics and HSAIDs leading to recovery.	Old English Sheepdog	46	Nobivac KC - 4,N/A,N/A,10,0.4 ml (07/05/2015- 07/05/2015) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/05/2015- 07/05/2015) >BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-02118	United	Animal	Canine/dog	7 Week(s)	02/05/2015	11/05/2015	1 1	1 02/05/201	Not	Sudden death	Other	Death 6 hours post vaccination and concurrent Advocate application (assumed by Advocate for small	Boxer	3.5	Advocate Spot-on Solution for Small	0-	NCA agrees with the MAH assessment.
		Kingdom								Known,
 Yes, R> No</br 			dogs based on dogs weight). No PME carried out.	(German Boxer)		Dogs - 1.M/A,N/A, 2.4,1 Dose Once (02/05/2015-02/05/2015-02/05/2015-08-> Nobivac DHP 1.N/A,N/A, 1.0,1 ml (02/05/2015-02/05/2015-08R>-8R>Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A, 1.0,1 ml (02/05/2015-02/05/2015)-8R>-8R>	Unclassifiable/unassessa ble	
	GB-NLINTVINT-2015-UK-02122	United Kingdom	Animal	Canine/dog	11 Year(s)	25/06/2014	11/05/2015	1 1		S Not Known	Elevated total bilirubin, Basophilia, Leucocytosis, Ne utrophilia, Abdominal pain, Vomting, Jaundice, Collapse (see also 'Cardio-vascular' and Systemic disorders'), Death, Lack of efficacy, Abnormal test result, Elevated liver enzymes, Hyperphosphataemia, Elevated BUN, Elevated creatinine. Elevated ALT	Not Known	Suspected lack of efficacy. Collapse, emests, jaunduce, abdominal pain, hepatogathy, renal immifficiency, basinible, leucoryosis, anteuprobalia and hyperhoposhatemiar I in months post vaccination. Collapse and death the next day, Blood and urine came back PCR positive for Leptospira.	Labrador Retriever		Nobivac L4 Suspension for Injection for Togs - 1,N/AN/A, 1,01, mil (25/06/2014-25/06/2014)-BR> 	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-02137	United Kingdom	Animal	Canine/dog	9 Year(s)	01/04/2015	12/05/2015	1 1		S Yes, <b R> Not Known</b 	Star-gazing,Twitching,Diarrhoea	Not Known	Diarnhoes, head twitching and appeared vacant (impaired consciousness) 1 week post vaccination. Recovery 1 week late with no treatment. Similar reaction seen following 2nd dose administration of Nobbrac L4 (see case 2015-UK-02138).	Yorkshire Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (01/04/2015- 01/04/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (01/04/2015- 01/04/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02138	United Kingdom	Animal	Canine/dog	9 Year(s)	29/04/2015	29/01/2016	1 1	0 06/05/201	5 Not Known	Star-gazing,Twitching	Not Known	Head twitching and appeared vacant (impaired consciousness) 1 week post vaccination. Not been examined by a vet and signs are ongoing. History of a similar post 1st dose vaccination (see case 2015 UK-02137). No further information.	Yorkshire Terrier	4.25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (29/04/2015-29/04/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02149	United Kingdom	Animal	Canine/dog	13 Year(s)	10/01/2015	15/07/2015	1 1	0 03/05/201	Not Known, BR > BR>BR>BR> Not Known, BR> > Known, BR> Yes	Low platelet count, Lymphocytosis, Polydipsia, Pol yuria, Pain NOS, Lethargy (see also Central nervous system depression in Neurological"), Abnormal test result, Elevated liver enzymes, Hyperphosphataemia, Dec reased packed cell volume (PCV), Elevated amylase	Not Known	Letherg, polyuria and polydopis 2 months post rabes vaccination and 4 months following Nobisco Divide and Lethergone (See an Edward See and See and See an Edward See and Se	Other Canine/dog	16.5	Nobivac DHP - 1,N/A,N/A, 10,1 ml (10/01/2015- 10/01/2015- 10/01/2015/BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (10/01/2015)-10/01/2015/SBR> Nobivac Rabies - 1,N/A,N/A, 10,1 ml (10/09/3015)-BR> Nobivac Rabies - 1,N/A,N/A, 10,1 ml (10/09/3015)-BR> 	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2015-UK-02193	United Kingdom	Animal	Canine/dog	15 Month(s)	13/05/2015	14/05/2015	1 1	0 13/05/201	Yes, <b R> Yes</b 	Swelling around eye,Facial swelling (see also 'Skin')	No Data	Facial swelling and periorital acedema within 2 hours of vaccination. 3 hours later, swelling was reducing. Treated with steroids, recovered.	Boxer (German Boxer)	18.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/05/2015- 13/05/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/05/2015- 13/05/2015)-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
	GB-HLINTVINT-2015-UK-02195	United Kingdom	Animal	Canine/dog	4.6 Year(s)	14/04/2014	14/05/2015	1 1		Yes, GBX-GBX-GBX-Yes	mediated haemolytic anemia Jityperigya emia, Jitypoglyc aemia, Discoloured urine, Hypoprotenaemia, Tense abdomen, Elevated BUM, Elevated creatinine, Elevated AT, Elevated total bilirudin. Lip edicing, Thrombocytosis, Elevated schirg, Thrombocytosis, Elevated schirg, Thrombocytosis, Elevated schirg, Thrombocytosis, Jityperigy, Elevated schirg, Thrombocytosis, Thrombocytosis, Elevated schirg, Thrombocytosis, Thrombocytosis, Elevated schirg, Thrombocytosis, Thrombocytosis, Elevated schir, Blazard chrombocytosis, Thrombocytosis, Thrombocytosis, Elevated schir, Blazard chrombocytosis, Thrombocytosis, Thro	No Data	Collist, diarrhoes, blood in diarrhoes/fasces, abdominal pain, tense abdomen within 10 days of vaccination. Treate with than disarrhoesis, antibiotics, and frounds in latist improvement, then deteriorated. 48 hours later presented with ancreasis, adipoia, hyperthermia, mild jaundice, deteriorated. 48 hours later presented with anoreasis, adipoia, hyperthermia, mild jaundice, delevated total billivibil, anaemia, leucocytosis, diagnosed with immune mediated haemolytic anaemia. Treated with steroids, cimedine, azathioprine, PTF. Next day discloured urline, given blood transfusion, developed nystagmus, elevated creatinine. Following 48 hours; painted combinations of the province of	Other Carrine/dog		Nobiwa KC - 1.N/A,N/A , 24.N/A (14/04/2014)	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02253	United Kingdom	Animal	Canine/dog	5 Year(s)	18/05/2015	07/07/2015	1 1	1 18/05/201	S Yes, <b R> Yes</b 	Cardiac failure,Cardiac enlargement,Endocardial fibroelastosis,Vomiting,Periorbital oedema,Facial swelling (see also 'Skin'),Death,NT - endocardiosis	No Data	Emelsi within 2 minutes of vaccination, facial swelling and periorbital cedema within 1 hour, treated with antilistamines, and hospitalised, Reponded well, and was dischaged, however death occurred during the night following. PME revealed cardiac enlargement; not suggestive of the cause. Histology confirms indocardiosis. Scarring of the Myocardium seen and lesser filtrosis is noted in the atria. Findings are consistent with a heritable condition in pugs. Cardiac failure is the cause of death. Nothin further expected.	Pug		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (18/05/2015)-8R><8R>Nobivac Rabies - 1,N/A,N/A, 1,0,1 ml (18/05/2015-18/05/2015)-8R><8R>	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02267	United Kingdom	Animal	Canine/dog	,	16/05/2015	19/05/2015	1 1	0 16/05/201	R> Yes	Tachycardia, Ataxia, Panting, Letharg y (see also Central nervous system depression in 'Neurological'), Not eating, Dull	No Data	Lethargy 2 days after vaccination with Noblack Lepto 4 and DRP. Progression to annewsis, Eschypnose tachycardia and ataxia 3 days after vaccination. No further information expected, outcome unknown.		13.95	Nobivac DHP - 1,N/A,N/A, 10,1 ml (16/05/2015- 16/05/2015):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (16/05/2015- 16/05/2015):BR> 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02297	United Kingdom	Animal	Canine/dog	12 Week(s)	07/12/2014	25/07/2016	1 1	1 23/12/201	Yes, <b R> >BR>Not Known</b 	Abnormal necropsy finding, Vasculitis, Neurological signs NOS, Paralysis, Pyelonephritis, Renal failure, Death, Malaise, Muscle weakness NOS, Peripheral neuropathy, Polyradiculoneuritis	Not Known	Muscle weakness, neurological signs, panalysis and death within a few days of receiving a second dose of Nobbac DIPE Initial noted 24 hours following and dose of Pan and 2 weeks following stat dose DIPP and Nobbac L4. Post mortem results were consistent with immune mediated polyradiculoneuritis triggered by vaccination. No further information expected.	Golden Retriever	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (07/12/2014- 22/12/2014/-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (07/12/2014- N/A) >-BR>	B - Possible	Signs occurred Z weeks after vaccination and are suplications of a neurological pathology which may be the result of a reaction to foreign protein or other antigenic challenges. The subsequent ascending pyelonephritis and death are more likely complications of the underlying pathology.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02306	United Kingdom	Animal	Canine/dog	2 Year(s)	17/04/2015	20/05/2015	1 1	0 17/04/201	5 Yes, BR> <b R>BR>BR>Not Known, BR> YBR> </b 	Retching, Behavioural disorder NOS, Hypersalivation	No Data	Hypersalwation, retching and behavioural abnormality 1.5 hours after vaccination with Nobivac DHP, KC and Lepto 4.7 trainment with sedation and Vetergesic. Endoscopic and adolographic examination was unremarkable. Recovery within 24 hours, no further information expected.	Boxer (German Boxer)	27	Nobivac DHP - 1,N/A,N/A, 10,1 ml (30 Dayls) 17/04/2015- 17/05/2015>RBR>=RR>Nobivac KC - 4,N/A,N/A, 10,0.4 ml (17/04/2015- 17/04/2015)-RBR>=RBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (17/04/2015- 117/04/2015)=RBP>=RBP>=RBPP=RBPP=RBPP=RBPP=RBPP=RBPP	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-02355	United Kingdom	Animal	Canine/dog	7 Year(s)	07/04/2015	22/05/2015	1 1	1 0	05/05/2015	Yes, <b R>BR>Yes</b 	Comeal ulcer	No Data	Corneal usceration less than 1 month after primary vaccination with Nobivac L4 and DHP. Outcome unknown, no further information expected.	Shih Tzu	7.4	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (07/04/2015- 07/04/2015/BR>-BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,(07/04/2015- 07/04/2015)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02387	United Kingdom	Animal	Canine/dog	13 Year(s)	21/05/2015	26/05/2015	1 1	1 0	24/05/2015	No, <b R> >Not Known</b 	Pulmonary disorder NOS,Cardiac disorder NOS,Pale mucous membrane, Dysponea,Abnormal radiograph finding Panting.Increased respiratory rate,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Abnormal ultrasound finding	Not Known	Cough, Lachygnoea, dysponea, collapse, pale muscuss membranes, suspected pneumonia on radiographs within Jakyo I vaccination, (NOT cough existed 2.3 weeks prior to vaccination therefore not healthy at time of vaccination), Eadlographs revealed consolidated lung pattern, some heart changes. Treated with antibiotics, steroids, and diuretics, and wormers. Nothing further expected.	Jack Russell Terrier	7.1	Nobivac KC - 4,N/A N/A , 10,0.4 ml Once 1 Animal (21/05/2015- 21/05/2015/BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A , 10,1 ml Once 1 Animal (21/05/2015-21/05/2015) -BR>	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2015-UK-02391	United Kingdom	Animal	Canine/dog	6 Year(s)	08/04/2015	27/05/2015	1	1 0	08/04/2015	Not Known,
 Not Known</br 	Hypersalivation,Neurological signs NOS,Convulsion,Ataxia	Not Known	Comuditors, ataxia, hypernalwation and newrological signs including delayed placing less than 2 hour after vaccination. 2 days after vaccination hypersalladions, axalas and delayer girth held placing, 6.5 weeks post vaccination: 11 comudisions within 30 minutes, treatment with diszepam. History of injection site lumps at vaccination 4 years previously. No further information expected.	Cavalier King Charles Spaniel	8	Nobivac KC4,N/A,N/A ,10,0.4 ml (08/04/2015- 08/04/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (08/04/2015- 08/04/2015)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02398	United Kingdom	Animal	Canine/dog	5.5 Year(s)	24/04/2015	27/05/2015	1 1	1 0	24/04/2015	Yes, <b R> >Pes</b 	Arxiety, Sleepiness - neurological disorder, Seizure NOS, Ataxia, Disorientation, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Malaise and lethargy at unknown time post vaccination and application of advocate (best guess made Eposodes of comunition, somoelence, discorration, stassib between 12-56 days; following vaccination/worming, Nothing abnormal detected on clinical exam, nothing further.). Cavalier King Charles Spaniel	10.9	Advocate Spot-on Solution for Medium Dogs - 1, N/A, N/A, 24, 1 Vial/Ampoule(s) (24/04/2015- 24/04/2015)<8R><8R>Nobivac L4 Suspension for Injection for Dogs - 1, N/A, N/A, 1,0,1 ml (24/04/2015- 24/04/2015)<8R><8R>	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02423	United Kingdom	Animal	Canine/dog		21/05/2015	24/07/2015	1 1		25/05/2015	R> No	Injection site abscess,Injection site swelling,Dullness,Inappetence,Off colour,Pyrexia		Injection Jits swelling/fabciess, malaise, Injecthermia, did., Anoresia within 5 days of vaccination. Traceller with militarities and NSAIDs. Swab taken for culture. Abscess burst, signs of Improvement. No further information.	Cavalier King Charles Spaniel		Nobivac DHP - 1,N/A,N/A,10,1 ml (21/05/2015- 21/05/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02457	United Kingdom	Animal		8.5 Year(s)	04/05/2015	01/06/2015	1 1			R> Not Known	Low platelet count,Oral bleeding,Abnormal test result	Not Known	Oral haemorrhage, thrombocytopenia within 14 days of vaccination. Suspected immune mediated thormbocytopenia, Dog is clinically well, with no spontaneous bleeding, clotting time and fibrinogen tests normal. Nothing further expected.	Labrador Retriever		Nobivac DHP - 1,N/A,N/A,10,1 ml (04/05/2015- 04/05/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/05/2015- 04/05/2015)	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-02490	United Kingdom	Animal	Canine/dog	14 Month(s)	06/05/2015	16/06/2015	1 1	1 0	13/05/2015	Yes, <b R>BR>Yes, BR> BR> Not Known</b 	Pustules,Skin lesion NOS,Elevated temperature,Abnormal test result,Furunculosis,Local swelling (not application site),Swollen eye,Swollen face (see also 'Skin'),Swollen lymph node	Not Known	Periorbital oedema, facial oedema, anal oedema, ymphademits, pustules on the muzzle and pyresia starting 6 days after vacination with Nobuca L4, K. Cand DPT. Terathernt with steroids, antiblotics and PPRIOn. Biopsies showed furunculosis, culture showed bacillus and malassezia. No further information expected.	Crossbred d	14	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/05/2015- 06/05/2015- 06/05/2015- 08/05/2015- 06/05/05/2015- 06/05/2015- 06/05/2015- 06/05/2015- 06/05/2015- 06/05/	O - Unclassifiable/unassessa ble	Furunculosis may be triggered by an auto-immune reaction. The vaccinations used are not known to cause auto-immune reactions although this cannot be excluded. The breed of the dog involved and any history of previous sind disease are not available. Insufficient information for assessment.
	GB-NLINTVINT-2015-UK-02501	United Kingdom	Animal	Canine/dog	7.9 Year(s)	29/12/2014	03/10/2016	1 :	1 1	21/01/2015	R> Not Known, <br< td=""><td>Öltis externa,Otherimmune system disorder NOS,Dermatitis,Scratching Pruritus, Death,Pododermatitis,Anbormal test result,Bacterial skin infection NOS,Skin inflammation NOS</td><td>Other</td><td>Suspected Adverse Reaction Primary Nobavac La glyen on 29 Dec 2014. Vaccinated with second Nobavac La On 25 and 2015. Administered straight from the fridge (Ertar Label use) Left problems noted at time of vaccination and mild erythems on right ear (left not as bad, but some was). Yeast odour. Susolan and Cleananal given. 31 Jan 2015 ears are worse and owner having difficulty treating. Swab taken from ear and showed occasional epithelia locile, neutrophils and rod like bacteria. Marbocyl, Trizavar land Metacam given. 7 Feb 2015 ears improved but now right hind paw is inflamed and occio on cytology. Ongs has been scratching ear with his gaw. Rilevine, Decaderon, Postatex and Malseb given. 28 Feb 2015 ears responded well to steroids and Postatex, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fully rescived. 7 Nav 2015 ears looking mornal and paw has rillided reactives. Sorting in gen for treatment to paw. 7 Apr 2015 Postodermantis on both back paws and dog chewing both feet. Have an odour and swab returned as pseudomonas. Suprif and Epon asts to battle feet at home. 1 Jun 2015 or looking on the part of the past 2 weeks, as back feet pruntic and inflamed. Also intillized ears an outland ones, liga and ears inflamed again and and leav. Yet suspicious of Lupus, but not diagnosed. Veraflox and Fainasine given. Histopath is due to be carried out. Awalt results. Follow up 17 Jun 2015 - Bioppy results intally indicated thronic demnitts but the vet alse does for the side to be reviewed and sent further pictures of the dog to the liberation. First prime indicated frepation causal control of the control of</td><td>1</td><td>57.2</td><td>Nobiwa L L Supension for Injection for Dogs - 1/NA/M, 20,1 ml (29/12/2014-29/</td><td>B - Possible</td><td>Sign of ear disease were noted after primary vaccination and woccardance. As executed after second vaccination, tepastocutaneous syndrome is not expected after vaccination and entire is heaptopathy but product involvement remains possible.</td></br<>	Öltis externa,Otherimmune system disorder NOS,Dermatitis,Scratching Pruritus, Death,Pododermatitis,Anbormal test result,Bacterial skin infection NOS,Skin inflammation NOS	Other	Suspected Adverse Reaction Primary Nobavac La glyen on 29 Dec 2014. Vaccinated with second Nobavac La On 25 and 2015. Administered straight from the fridge (Ertar Label use) Left problems noted at time of vaccination and mild erythems on right ear (left not as bad, but some was). Yeast odour. Susolan and Cleananal given. 31 Jan 2015 ears are worse and owner having difficulty treating. Swab taken from ear and showed occasional epithelia locile, neutrophils and rod like bacteria. Marbocyl, Trizavar land Metacam given. 7 Feb 2015 ears improved but now right hind paw is inflamed and occio on cytology. Ongs has been scratching ear with his gaw. Rilevine, Decaderon, Postatex and Malseb given. 28 Feb 2015 ears responded well to steroids and Postatex, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fight yesouder. J Nav 2015 ears looking mornal and paw has rillided reactives, paw has improved but not fully rescived. 7 Nav 2015 ears looking mornal and paw has rillided reactives. Sorting in gen for treatment to paw. 7 Apr 2015 Postodermantis on both back paws and dog chewing both feet. Have an odour and swab returned as pseudomonas. Suprif and Epon asts to battle feet at home. 1 Jun 2015 or looking on the part of the past 2 weeks, as back feet pruntic and inflamed. Also intillized ears an outland ones, liga and ears inflamed again and and leav. Yet suspicious of Lupus, but not diagnosed. Veraflox and Fainasine given. Histopath is due to be carried out. Awalt results. Follow up 17 Jun 2015 - Bioppy results intally indicated thronic demnitts but the vet alse does for the side to be reviewed and sent further pictures of the dog to the liberation. First prime indicated frepation causal control of the control of	1	57.2	Nobiwa L L Supension for Injection for Dogs - 1/NA/M, 20,1 ml (29/12/2014-29/	B - Possible	Sign of ear disease were noted after primary vaccination and woccardance. As executed after second vaccination, tepastocutaneous syndrome is not expected after vaccination and entire is heaptopathy but product involvement remains possible.
	GB-NLINTVINT-2015-UK-02580	United Kingdom	Animal		8 Year(s)	01/06/2015	22/06/2015	1 1	1 0	04/06/2015	Yes, <b R> >CBR>Yes, < BR> NO</b 	Laboured breathing, Lethangy (see also Central nervous system depression in "Neurological"). Pyoderma, Cough, Re tching, Tachycardia, Neutrophilia	Other	Pyoderms within 3 days of vaccination; treated with steroids and antiblotics. From the following day: letharpy, cough, reforting, Psyorthemia, dysproea, tachycardia, neutrophilia, pneumonia (suggested from radiographs). Recovery within 2 weeks.	Labrador Retriever	45	Nobivac DHP - 1,N/A,N/A,10,1 ml (01/06/2015-01/06/2015-BR>-MBR>Nobivac KC - 4,N/A,N/A,10,0 4 ml (01/06/2015-01/06/2015-BR>-MBR>-BR-Nobivac KS - 4,N/A,N/A,10,1 ml (01/06/2015-01/06/2015-01/06/2015-01/06/2015-01/06/2015-BR	O - Unclassifiable/unassessa ble	nelative time association (3d for pyoderms, but this would be an unequered, unusual reaction for an intransasi vaccine and no logical patholysiological explanation. ABON in The subsequent fetharpy could be a systemic symptom of this, or due to the controol deministration, or could be related to the suspected respiratory tract infection. Although mild signs of upper respiratory tract full scales may occur post vaccination with this product, pneumonia is not expected. ABON 0.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02583	United Kingdom	Animal	Canine/dog	13.2 Year(s)	28/05/2015	04/08/2015	1	1 0	01/06/2015	Yes	Behavioural disorder NOS,Fit,Lethargy (see also Central nervous system depression in 'Neurological'),Abnormal test result, Neurological symptoms NOS,Blood in urine Proteinuria. Shaking	No Data	Convolition, shaking, neurological symptoms, haematuria, proteinuria, lethargy within 4-5 days of second vaccination. First vaccination had been administered 1 month prior. Treated with diazepam. Blood tests were normal. 3 further convolsions the next day. Treatment started with Clavaseptin. Outcome unknown. No further information.	Beagle	15.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/05/2015-28/05/2015) BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02588	United Kingdom	Animal	Canine/dog	8 Year(s)	06/06/2015	08/06/2015	1	1 0	06/06/2015	Yes, Not Known	Decreased body temperature, Generalised rash, Skin irritation, Urticarial erythema, Walking difficulty, Tense abdomen, Allergic pruritus, Pale mucous membrane, Unable to stand, Panting, Reddening of the skin Itching	Not Known	Ataxia, pale murous membranes, tachyproces, tene abdomen and hypothermia 35 minutes post vaccination. Treated with dearmethouse leading to recovery. DI minutes later, Viticarial erythema and prurirus spreading to the ears. Treated with Surolan. History of a similar episode with metronidazole a few years earlier.	Schnauzer	6.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) 	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-02614	United Kingdom	Animal	Canine/dog	10 Week(s)	03/06/2015	18/06/2015	1 1	0 05/06	/2015 Not Known,
 Not Known</br 		Not s Known	Malaise, emesis, haemorrhage Glarrhoea, anorexis and adipsiz 2 days post vaccination and oral glucose administration (reason unknown). Some improvement by 4 days later but emesis and diarrhoe still ongoing, supportive care given. Recovery following treatment with antibiotics and Prokolin.	French Bulldo	g 1.54	Nobivac DHP - 1,N/A,N/A, 24,N/A (03/06/2015- 03/06/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (03/06/2015-	O - Unclassifiable/unassessa ble	Close time association and product role cannot be ruled out.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02616	United Kingdom	Animal	Canine/dog	1.4 Year(s)	09/06/2015	09/06/2015	1 1	0 09/06	/2015 Not Known	Tachycardia, Diarrhoea, Bloody diarrhoea, Vomiting, Pyrexia, Hypers nsitivity reaction	Not e Known	Emesis, diarrhoea, haemorrhagic diarrhoea, pyrexia and tachycardia within 1 hour post vaccination. Treated with antibiotics and Zantac, outcome unknown. Possible hypersensitivity reaction.	Crossbred	Not Known	03/06/2015\cdotsR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (09/06/2015-09/06/2015) 	A - Probable	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-02633	United Kingdom	Animal	Canine/dog	9 Week(s)	04/06/2015	29/06/2015	1 1		/2015 Yes, <b R> <br Known</br </b 	PNot rgy (see also Central nervous system depression in "Neurological"),Lack of efficacy,Abnormal test result	Known	Suppected lack of efficacy, Diarrhoea, emesis, lethargy, anorexis, positive on Parvo virus snap test within 3 days of first vaccination. Treated with IVFT and antibiotics. No further information.	Saint Bernard Dog	5.2	(04/06/2015- 04/06/2015) BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/06/2015- 04/06/2015) BR>>BR>	No assessment performed	
	GB-NLINTVINT-2015-UK-02635	United Kingdom	Animal			05/06/2015		1 1		/2015 Yes, R> R> BR> BR> BR> BR> BR> BR>Ye	vYes, membrane,Anaphylaxis,Ataxia,Stu Bling gait,Prolonged capillary refill time	No Data n	Ataxia within minutes post vaccination. Treated with Y dexamerhasione leading to pale mucous membranes and Poptension. Treated with fluids leading recovery 15 minutes later. Possible anaphylavis. History of previous use of Nobivac DHP and KC but not L4.	Jack Russell Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (05/06/2015)-BR> Nobivac KC - 4,N/A,N/A,10,0 a ml (05/06/2015-05/06/2015)-BR>-SRP-Nobivac LA Suspension for nigertion for Dogs - 1,N/A,N/A,10,1 ml (05/06/2015-05/06/2015)-BR>-SRP-Nobivac LA Suspension for nigertion for Dogs - 1,N/A,N/A,10,1 ml (05/06/2015-05/06/2015)-BR>-SRP-	B - Possible	NCA agrees with the MAH assessment.
	GB-HUNTVINT-2015-UK-02687	United Kingdom	Animal		2 Month(s)	10/06/2015	22/09/2015	1 1		/2015 Yes, <b R> <br< td=""><td>"Yes" lest, finlarged lymph node (localised, becreased packed cell volume (PCV). Elevated creatinine, Gall abnormality, Hypergly caemia, Hype alemic condition, Elevated liver enzymes, Head tremor, Hypoalbumina emia, Abnorn al test tresult, Thrombocytopenia, Low plateder tresult, Thrombocytopenia, Low plateder condition, Control (Local Comptions, Dead Treets, Neurological lagen NG, Atalas, Off Colour, Billion (Local Sign NG, Sign NG, Sign NG, Sign NG, Sign NG, S</td><td>No Data k</td><td>Malaise 24 hours post vaccination followed by head tremor. No abnormalities noted on examination, Treated with antibiotics. No improvement over the next 10 days. Blood tests showed lexcoptosis, aneemia, neutrophilia, hypoproteinaemia, hypoalbuminaemia, hyperklalemia, hyperphosphataemia, tromboctytopeami, hepstopathy, elevated creatinie and hepserglacemia. Head termors and stasis still organig and so the puppy has been referred to a specialist. ACTH test normal, neurological exam showed puppy is possibly deaf and head termor only present when standing, has a wide based stance, poor menace reflexes and intermittent blinking. Blood tests showed hyperkalaemia. Problem was localized to the crehellum and as supered cardiaca arinythmia, diagnosis was superceted inflammator response or infectious disease. No treatment was given, owner declined further investigation. No further information expected.</td><td>y</td><td>1.6</td><td>[10/06/2015- 10/06/2015-96RBR-Nobivac L4 Suspension for Injection for Obgs - J.N/JA/A.0.1 In [01/06/2015- 10/06/2015)-BR>-BR></td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment.</td></br<></b 	"Yes" lest, finlarged lymph node (localised, becreased packed cell volume (PCV). Elevated creatinine, Gall abnormality, Hypergly caemia, Hype alemic condition, Elevated liver enzymes, Head tremor, Hypoalbumina emia, Abnorn al test tresult, Thrombocytopenia, Low plateder tresult, Thrombocytopenia, Low plateder condition, Control (Local Comptions, Dead Treets, Neurological lagen NG, Atalas, Off Colour, Billion (Local Sign NG, Sign NG, Sign NG, Sign NG, Sign NG, S	No Data k	Malaise 24 hours post vaccination followed by head tremor. No abnormalities noted on examination, Treated with antibiotics. No improvement over the next 10 days. Blood tests showed lexcoptosis, aneemia, neutrophilia, hypoproteinaemia, hypoalbuminaemia, hyperklalemia, hyperphosphataemia, tromboctytopeami, hepstopathy, elevated creatinie and hepserglacemia. Head termors and stasis still organig and so the puppy has been referred to a specialist. ACTH test normal, neurological exam showed puppy is possibly deaf and head termor only present when standing, has a wide based stance, poor menace reflexes and intermittent blinking. Blood tests showed hyperkalaemia. Problem was localized to the crehellum and as supered cardiaca arinythmia, diagnosis was superceted inflammator response or infectious disease. No treatment was given, owner declined further investigation. No further information expected.	y	1.6	[10/06/2015- 10/06/2015-96RBR-Nobivac L4 Suspension for Injection for Obgs - J.N/JA/A.0.1 In [01/06/2015- 10/06/2015)-BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02694	United Kingdom	Animal	Canine/dog	2 Year(s)	15/05/2015	15/06/2015	1 1	0 15/05	/2015 No	Injection site swelling, Injection site pain, Lameness, Inappetence, Off colour	Other	Injection sites welling and injection site pain, malaise, anorrexia and left foreigg lameness 4 hours post vaccination. Recovery 3 to 4 days later with no treatment. Similar reaction noted post 2nd dose vaccination 4 weeks later (see case GB-NLINTVINT-2015-UK-02715).	Chihuahua	2.55	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml; 2 injections 4 weeks apart (15/05/2015-15/05/2015) 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02715	United Kingdom	Animal	Canine/dog	2 Year(s)	12/06/2015	15/06/2015	1 1	0 12/06	/2015 Not Known	Bone and joint disorder NOS,Lameness,Inappetence,Off colour	Not Known	Malaise, anorexia, lameness of left foreleg 4 hours post 2nd dose vaccination. Possibly some crepitus on left elbow manipulation but no pain response. Treated with NSAUS, outcome unknown. Similar reaction post vaccination of 1st dose 4 weeks earlier (see case 2015-UK-02694).	Chihuahua	2.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (12/06/2015-12/06/2015) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02748	United Kingdom	Animal	Canine/dog	8 Year(s)	16/06/2015	31/07/2015	1 1	1 17/06	/2015 Yes, <b R>BR>BR Known</b 		Not Known	Loss of consciousness and death less than 24 hours after Nobhac Ld and Kr waccination. Post morter indicated diffus ehemorrhages and congestion, final results indicate no pre-existing disease but only is sudden functional failure of the heart.	n Greyhound a	Not Known	Nobivac KC - 4,N/A,N/A ,10,0.4 ml (16/06/2015- 16/06/2015) CBR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02779	United Kingdom	Animal	Canine/dog	3 Month(s)	28/05/2015	18/06/2015	1 1	0 04/06	Yes,-BRB R>-BR>-BR Known	bi-co Off Colour Accites, Elevated November Street Emperature Abdominal onedema, Pinnal enythema, Jinti Imil antais, Curul Ahornimal test resulf, Meutrophilia, Red eye, Swolle Jimph mode, Esevated Iliver enzymes, Hyperglycaemia, Hyperghystaemia, Esevated ALT, Lethary (see also Central nenvous system depression in Neurological), Pustude, Dermal Cystifs, Hyperchalcaemia, Pacial swelling (see also Sieri), Dicular discharge, Generalized iritlammation of eye, Eyeld sirilammation, Abdominal jain, Adopecia	Not Known	Cost next the eye noted 6 days post vaccination resulting in blephantis. Lethargy, Implandentis, previsal and eyield imposi hower eyelds noted on examination the next day. Treated with MSAIDs and artibiotics. Ataxia and continued pyrexia noted the next day, further treatment given. Hind limb purexis, sacties, abdomnial pain, elthargo, couldrischarge, previsa, hypercalcemenia, anaemia, hyperglycaemia and low creatinine the next day, suspected puppy strangles but not confirmed. Eyes improved the next day but still evel relativist. Combits test repairle. Anaemia, encorphila, Jeucocytosi and monocytosis. Treated with antibiotics and steroids for suspected puppy strangles. No improvement in blood values of abdominal fluids of praceedist strande. Perocular inflammation, alopecia and crusting, chin puturies and erythema and pututies in the ears noted. Ultrasound scan of addomen showed no free fluid but very enlarged liver. Blood tests showed hepatopathy. Treatment ongoing.	Labrador d Retriever	8	Noblac DIP - 1.N/A/N/A J.0.1 ml (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015) (28/05/2015)	O.I Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02795	United Kingdom	Animal	Canine/dog	7.8 Year(s)	03/06/2015	17/07/2015	1 1	0 10/06	/2015 Not Known	Vomiting Elevated bile acids, Elevated ALT, Hyperglycaemia, Elevated liver enzymes, Hypoalbuminaemia, Abno mai test result, Weight gain, Ascites, Distension of abdomen, Elevated total bilirubin, Polydipisa, Polyuria, Appeti e loss, Lethargy (see also Central nervous system depression in "Neurolineits".	Not Known r	Acties I week post vaccination. Blood tests showed hepatopathy and hyperglycaemia. Treated with Denamarin. Further acties, annorsia and lethargy 3 days later. Ultrasound showed small liver. Polydpisip, polynia, annorsia and emesis 4 days after this. Treated with Creena, antibiotics, fluids, Destoit and hepatic diet. Sight improvement with treatment but owner struggling to give tablets due to dogs aggression (normal for this dog). No further information.	Jack Russell Terrier	8.8	Nobivo: L4 Suspension for Injection for Dogs - 1,N/A,N/A,10.1 ml (03/06/2015-03/06/2015)-BR~-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02809	United Kingdom	Animal	Canine/dog	3 Year(s)	16/06/2015	19/06/2015	1 1	0 16/06	/2015 No	Neuronor: at: Injection site abscess,Injection site swelling,Injection site pain,Decreased appetite,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Abnormal tast result.	Other	Injection site pain, lethargy and anorexis 1 hour post vacchation. Vaccine was no given at room temperature (off-label use). Pain and swelling at the injection site and pyrexia were noted on examination the next day. Treated with NSAIDs. Injection site abscess 10 days later, swab showed Streptococci.	English Cocker Spaniel	r 18.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (16/06/2015-16/06/2015)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02838	United Kingdom	Animal	Canine/dog	2 Month(s)	06/06/2015	22/06/2015	1 1	0 13/06	/2015 Yes, <b R> <br Known</br </b 	R> <b behavioural="" disorder<="" td=""><td>Not Known</td><td>Generalised pain, iethatgy, diarrhoea, periorbital oedema and didn't want to be touched(behavioural disorder) I week post vaccination. Recovery I week later with no treatment.</td><td>Chihuahua</td><td>1.81</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) </td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment.</td>	Not Known	Generalised pain, iethatgy, diarrhoea, periorbital oedema and didn't want to be touched(behavioural disorder) I week post vaccination. Recovery I week later with no treatment.	Chihuahua	1.81	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (06/06/2015- 06/06/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-02857	United	Animal	Canine/dog	6 Year(s)	09/06/2015	24/08/2015	1 1	0 20/06/2	015 Yes	Thrombocytopenia,Leucopenia,Ly	No Data	Regurgitation, anorexia and dark urine 11 days post 2nd dose vaccination. Jaundice, hepatopathy,	Greyhound	33.6		O1 - Inconclusive	NCA agrees with the MAH assessment.
		Kingdom									mphopenia, Red blood cell disorder, Icterus, Decreased appetite, Abnormal test result, Regurgitation, Elevated liver enzymes, Hypokalemic condition, Discoloured urine, Elevated ALT, Elevated total billirubin, Billirubinuria, Elevated cholesterol (total)		elevated cholesterol, thrombocytopsenia, Jeccopenia, Jymphopenia, hypobalemia and bilirubinuria 3 days later. Treatment started with fluids, antibiotics and Denamarin. No further information.			for Dogs - N/A.N/A.N/A.N/A.N/A (09/06/2015-09/06/2015)-BR>-BR>		
NOBIVAC L4	GB-NLINTVINT-2015-UK-02891	United Kingdom	Animal	Canine/dog	20 Week(s)	25/06/2015	25/06/2015	1 1	0 25/06/2	Yes, Yes		No Data	Facial swelling and periorital oedema within 2 hours of vaccination. Treated with steroids injection, recovered, nothing further.	Crossbred	2	Nobivac DHP - N/A,N/A,N/A N/A,N/A, (25/06/2015- 25/06/2015):BBR->BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (25/06/2015- 25/06/2015)-BR>-SBR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02903	United Kingdom	Animal	Canine/dog	10 Month(s)	23/06/2015	25/06/2015	1 1	0 24/06/2	D15 Yes, < R> Ye			Lethargy, recumbency, stiff gat and diarnhoea 24 hours post vaccination. Pyroxia and tachypnoea noted on examination the next day. Treated with antiblicit and fulfuls, outcome unknown. 2 Drontal tablets were dispensed at the time of vaccination but it is unknown if these were administered.	Rottweiler	34.4	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/06/2015- 23/06/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/06/2015- 23/06/2015\-RR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02971	United Kingdom	Animal	Canine/dog	1 Year(s)	29/06/2015	30/07/2015	1 1	1 30/06/2	Pes, No R>BR>No Known		Not Known n	Consulsions 13 hours post vaccination. No abnormalities noted on examination. A 2nd consulsions occurred 10 hours later. Further consultions noted over the next few days. Treated with fluids and phenobackhone leading to somnolence and muscle tremors. Treatment with Pexion started, Intel link attaiks and incoordination noted after the 60 gaws sent home. Further cluster setures and attails. The dog was been referred for MRI scan and spinal tap. MRI was normal but cranial nerve examination showed abnormal menace reflex. The dog was discharged with Phenobachtone, report and disappen further seizures were noted leading to euthansia. No PME carried out, Further test results received showed positive thre for rosuplasmosts, nother dog in the same household also diveloped convulsions after vaccination and general anaesthetic (see case 2015-UK-03503).	Great Dane	58.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (29/06/2015- 29/06/2015/BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (29/06/2015- 29/06/2015) -BR>>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02980	United Kingdom	Animal	Canine/dog	10.9 Year(s)	25/06/2015	30/06/2015	1 1	0 29/06/2	Mot Known, B >BR>BR>BR Yes, R R>BR>No	> nervous system depression in B 'Neurological'),Stiffness NOS	Other	Anorexia and injection site swelling 4 days post concurrent vaccination and Cartrophen administration General stiffless and ethargy noted on examination. Treated with Vehergesic, Devaderon, antibiotic and given fluids leading to recovery by the next day. Discharged with NSAIDs and antibiotics. Vaccines were administered at fridge temperature (off-label use).		29	Cartrophen Vet. 100 mg/m Solution for Injection for Dogs - 8.7 N/A/N/A ,10.0.87 ml (25/06/2015-25/06/2015-808-808-Nobiwac DHP ,N/A/N/A ,10.1 ml (25/06/2015-25/06/2015-808-808-Nobiwac LB supersion for injection for Dogs - 1,N/A/A/A ,10.1 ml (25/06/2015-25/06/2015)-88>-88>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-02981	United Kingdom	Animal	Canine/dog	5.1 Year(s)	22/06/2015	30/06/2015	1 1	0 25/06/2	Not Known, B >BR>BR>BR Yes, BR>BR> R>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR	> stool,Collapse (see also 'Cardio- B vascular' and 'Systemic	No Data	Damhoe's 3 days post vaccination and 2 days post Bruvecto administration. Diamhoes still ongoing 2 days later, College, precisa, plan mucos membranes and selviquarilla 3 days later when dog was out for a walk. Treated with Kesium, antibiotics and Protexin leading to full recovery 3 days later.	Crossbred	26.5	Bravecto 1000 mg Chewable Tablets for Dogs - 1N/A,N/A 24,1 Tablets for Dogs - 1N/A,N/A 24,1 Tablets Once (22)06/2015; BR-NBbNac DHP 1N/A/NA,10.1 III (27/06/2015- 22)06/2015; BR-NB-NBbNac KC - A,N/A,N/A,10.0.4 ml (22/06/2015- 22/06/2015): BR-NB-NBbNac MC - Suspension for Injection for Dogs - 1,N/A/NA,10.1 III (27/06/2015- 22/06/2015): BR-NBBN-NBbNac NB 1,N/A/NA,10.1 III (27/06/2015- 22/06/2015): BR-NBN-NBN-NBNAC NBNAC	O - Unclassifiable/unassessa ble	NCA disagrees with the MM4, although the time to oncer is slightly longer the product role cannot be ruled out.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03019	United Kingdom	Animal	Canine/dog	9 Week(s)	29/06/2015	03/07/2015	1 1	0 02/07/2	O15 Yes, < R> >Ye		No Data	Anorexia 3 days after vaccination with Nobivac L4 and DHP. Pyrexia and injection site pain, abscess and swelling 24 hours after onset of signs. Treatment with Clavaseptin, Metacam; the area was lanced and flushed. Outcome unknown, no further information expected.	Crossbred	2.8	Nobivac DHP - N/A,N/A,N/A N/A,N/A (29/06/2015- 29/06/2015) BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (29/06/2015- 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-03065	United Kingdom	Animal	Canine/dog		03/07/2015	15/07/2015	8 8	0 05/07/2	R> Yes BR>Yes	s, (see also Central nervous system < depression in 'Neurological')	No Data	Accordis, emesis, letharge in RJS within 48 hours of vaccination/worming. Puro virus has not been detected (unknown diagnostics) however Camplobacter has been present in other deceted (unknown diagnostics) however Camplobacter has been present in other dogs (although unknown if prups have been in contact with these dogs). All 8 pupples recovered following treatment with Tylan.	Crossbred		Nobivac DHP - 1,N/A,N/A, 1.0,1 ml (03/07/2015-03/07/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1.0,1 ml (03/07/2015-03/07/2015)-BR>-BR>Panacur Small Animal 10% Oral Suspension - N/A,N/A,N/A,N/A,N/A(03/07/2015-03/07/2015)-BR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-03089	United Kingdom	Animal		6 Year(s)	20/05/2015	07/07/2015	1 1		D15 Yes, < R> >BR>No Known	node,Abnormal test result	Not Known	Lymphadenitis and weight loss 6 weeks post 1st doses vaccination. At the time of first vaccination the doop was reported to have been imping and some hymph nodes were slightly enlarged. Fixed of hymphonic showed hyperplasia, lymphoma cannot be ruled out and a biopsy was recommended but the owner declined.	Pug		Nobivac DHP - 1,N/A,N/A,10,1 ml (20/05/2015- 20/05/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/05/2015- 20/05/2015)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03092	United Kingdom	Animal	Canine/dog		03/06/2015	19/08/2015	1 1		015 Not Known	Off colour,Stiffness NOS,Injection site swelling,Injection site oedema		Injection site swelling 3 days post vaccination progressing to oedema of the forelimbs and stiffness an malaise. Treated with corticosteroids and antibiotics. Re-examined the next day and swelling had reduced and appears more localised to injection site. FNA and swab have been taken and appear oussey. No further information.			Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/06/2015-03/06/2015) 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03169	United Kingdom	Animal	Canine/dog	5 Year(s)	12/06/2015	10/07/2015	1 1	0 24/06/2	015 No, < R> No	B Skin tumour NOS	Other	Suspected mast cell tumour present for several months prior to vaccination. A biopsy was taken 2 weeks post vaccination and confirmed as a mast cell tumour. Treatment with Masivet started.	Jack Russell Terrier	2.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (12/06/2015- 12/06/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-03178 GB-NLINTVINT-2015-UK-03201	United Kingdom	Animal	Canine/dog	8 Year(s)	03/07/2015	11/07/2015	1	1 1	09/07/2015	Not Known	Rigidity of limbs, Weakness of limb, Tense abdomen, Elevated liver enzymes, Stemoadbominal recumbency, Off recursives, Stemoadbominal recumbency, Off recursives, Attendant leter result, Padding, Closed eyelid, Ralance impaired, Reduced level of consciousness, Tachynnoea, Twitching, Reduced reflexes, Collapse (see also Cardio-vascular) and Systemidisonders'), Unable to stand, Seiture NOS, Not drinking, Blinderss, Hypersalivation, Colitis, Bradycards, Serepiness neurological disorder's, paperprinter standards, and the standards of the control of the standards of	Not Known	Malaise and coilitis 6 days post vaccination, the dog had shown some weight loss and polydipsia prior to vaccination but this thought to be due to the warm weather. Full anal sacs and dark flecks noted on one side. Treated with Zoofe, Proteony, virunina 1 and band due. Deteirorizon, a Juaza, anoroxia, adipsis, unable to stand, floppy fore feet but hyperionia of the rest of the tody, hypothermia, tense adoption, and the stand, floppy fore feet but hyperionia of the rest of the tody, hypothermia, tense adoption, and the stand of the stand of the standard st	Miniature Schnauzer		for Dogs - 1,N/A,N/A,1,0,1 ml (03/07/2015-03/07/2015)+BR>>BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
		United Kingdom	Animal	Canine/dog	11.4 Year(s)	09/07/2015	13/07/2015	1	1 0	10/07/2015	Yes	Bloody diarrhoea, Blood in vomit, Depression, Off colour, Dehydration	No Data	Haemorrhagic diarrhoea, haematemesis, depression, malaise, dehydration within 24 hours of vaccination. Treated with IVFT and gastroprotectants. Recovery within 48 hours. Previous reaction noted. Nothing further expected.	Border Terrie	11.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (09/07/2015-09/07/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03222	United Kingdom	Animal	Canine/dog	3 Year(s)	15/07/2015	22/09/2015	1	1 0	15/07/2015	Yes, <b R> >BR>Not Known</b 	Swollen face (see also 'Skin'),Anaphylaxis,Dyspnoea,Urtica ria,Collapse (see also 'Cardio- vascular' and 'Systemic disorders'),Allergic pruritus,Pruritus	Not Known	Collapse and dysponea 15 minutes post vaccination. Treated with oxygen and unknown treatment leading to recovery a few hours later. Allegic deelma, alleging purious and urtication of the face and lood; 3 hours later. Treated with conticosteroids and antihistamines leading to full recovery by the next day. The dog was vaccinated again and received antihistamines concurrently with no adverse effects.	Pug	S	Nobivac DHP - 1,N/A,N/A, 10,1 ml (15/07/2015- 15/07/2015) BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/07/2015- 15/07/2015) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03225	United Kingdom	Animal	Canine/dog	2 Month(s)	11/07/2015	14/08/2015	1	1 0	12/07/2015	Yes, <b R> Not Known</b 	Abdominal discomfort, Abnormal test result, Not eating, Elevated temperature, Diarrhoea, Vomiting	Not Known	Emesis, abdominal pain and pryensi 32 hours post vaccination. Treated with artibiotics and Metoclopamide, cute mesis and dairnoca later the same day, Treated with flids, Augmentin and Cerema followed by Bayriff the next day. Zantac started 2 days later following further emesis. Anorexis started. Adominal radiographs showed on abnormalities. PCP postive for felse start of parovivirus and also Campylobacter. Puppy recovered an unspecified period later following unspecified treatment.	Jack Russell Terrier	0.88	Nobivac DHP - 1,N/A,N/A, 10,1 ml (11/07/2015- 11/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (11/07/2015- 11/07/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03265	United Kingdom	Animal	Canine/dog	3 Month(s)	02/07/2015	16/07/2015	1	1 0	02/07/2015	Yes, <b R> Not Known</b 	Bloated stomach,Oral bleeding,Vomiting,Gagging,Loss of consciousness	Not Known	Retching and loss of consciousness followed by emesis, oral haemonrhage, and abdominal bloating 2 hours post vaccination. No treatment given and recovery after the dog vomited.	Pug	1	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/07/2015- 02/07/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/07/2015- 02/07/2015\-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03267	United Kingdom	Animal	Canine/dog	3 Year(s)	14/07/2015	14/09/2015	1	1 0	16/07/2015	Yes	Low platelet count, Leucopenia, Appetite loss, Off colour, Lethargy (see also Central nervous system depression in "Neurological"), Hypoalbuminaemia, Ahonomal test result, Decreased packed cell volume (PCV), Pale mucous membrane	No Data	Malaise, lethargy and anoresia 2 days post vaccination. Pale mucous membranes, anaemia, hypoalbuminaemia, low creatinine, leucopenia and thrombocytopsenia on examination and blood tests the next day, Advocate and Drontal were dispensed at the time of vaccination but it unknown if these were administered. The dog was also administered Metacam for 3 days 2 weeks prior to vaccination. PCV has continued to decrease, started on steroids, referred for blood transfusion. No further information.	Crossbred	3.8	Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A, 10,1 ml (14/07/2015-14/07/2015)⊳BR≫BR>-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03282	United Kingdom	Animal	Canine/dog	1.4 Year(s)	09/07/2015	17/07/2015	1	1 0	09/07/2015	Yes, <b R>BR>CBR>Yes, CBR>CBR> CBR>CBR>CBR> CBR>Yes</b 	Bloody diarrhoea, Vorniting, Ataxia, Tachypn oea, Decreased appetite, Depression, Elevated temperature, Restlessness	No Data	Alzaki, Lachpronea and restlessness 90 minutes post vaccination. Haemorrhagic diarrhora, emesis, letharpe, provisa and anoresix the next Jay. Treated with NSAIDs and Cerenia leading to improvement within hours. Much improved after 4 days.	Crossbred	8	Nobinac DHP - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,09/07/2015- 09/07/2015-SRR-SBR-Nobinac KC - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03292	United Kingdom	Animal	Canine/dog	2 Month(s)	17/07/2015	07/08/2015	1	1 1	19/07/2015	Yes, Not Known,
<br Nown,

<br No</br </br </br </br </br 	Loss of condition,Dehydration,Abnormal necropsy finding,Weak pulse,Unresponsive to stimuli,Tachyracida pale mucous membrane,Recumbency,Collapse (see also Cardiov sascular' and Systemic disorders')Depressed reflexes,Death by euthanasia,Lethangy (see also Central nervous system depression in 'Neurological'),Off colour,Weight loss	Not Known	Malaise, lethargy and recumbency 2 days post vaccination and concurrent Panacur administration. The dog had a prior history of darnhone. Collapse, loss of consciousness, loss of condition, weight loss, pade mucous membranes, tachycrald, hyporefeals, no pulse on examination. Treated with oxygen. Owner elected for euthanasia. Post mortem consistent with death due to diarnhose and electrolyte imbalance in a dog of poor body condition. No further information expected.	Crossbred	0.6	Nobivac DIP - 1,N/A.N/A,10,1 mi (17/07/2015-17/07/2015-17/07/2015-17/07/2015-17/07/2015-18R-VBR-Nobivac L4 Suspension for injection for Dogs - 1,N/A/M,A (10, ml (7/07/2015-17/07/2015)-GBR-GBR-Panacur Small Animal 10% (or of suspension of 6,N/A,N/A,10,for 3 days (2 Days)) 17/07/2015-19/07/2015-GBR-GBR-		NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03297	United Kingdom	Animal	Canine/dog	3 Month(s)	12/06/2015	06/08/2015	1	1 0	26/06/2015	Not Known, BR >BR>BR>BR>BR>Yes, BR>R>BR>No	Joint pain, Ataxia, Recumbency, Lethargy (see also Central nervous system depression in "Neurological"). Pyrexia, Crust, Not eating, Swollen lymph node, Juvenile cellulitis (puppy strangles), Not drinking	Other	Hyperthermia, Immphademits and lethargy on examination 2 weeks gost vaccination and 5 days following Drottal (assumed to be Drottal Plus) administration, when dogs was presented for 7 and dose vaccination. Further hyperthermia, anorexia, adjoist the next day and vet suspected puppy strangles. Treated with artificiors and NSAIDs. Askia and hyperthermia the next day. A different antilliotic was administrated. Crusting around the lips, further pyrexia, joint pain and recumbency the next day. Treated with fluids and servids leading to some improvement over a period of a few day although joint pain is ongoing.	Crossbred	4	Drontal Plus Flavour Bone Shaped Tablets - N/A,N/A,N/A JA/A,unknown dose (21/06/2015- 12/06/2015)-eBR->EBR->Mobivac DHP J/N/A/N,A Jon Int (12/06/2015- 12/06/2015)-eBR->EBR->Mobivac L4 Suspension for injection for Dags J/N/A/N/A, JJ, Int (12/06/2015- 12/06/2015)-EBR->EBR-> 12/06/2015)-EBR->EBR->	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03302	United Kingdom	Animal	Canine/dog	Not Known	13/07/2015	20/07/2015	1	1 0	17/07/2015	Yes, <b R>BR> Yes, >BR> BR> Yes</b 	Hypoalbuminaemia, Elevated liver enzymes, Hyperglycaemia, Elevated total bilirubin, Inversion of albumin/globulin ratio, Leucopenia, Cough, Inappetenc e, Lethargy (see also Central nervous system depression in 'Neurological'), Elevated temperature, Respiratory sound Abnormal test result	No Data	Hyperthermia 4 days post vaccination, treated with NAIDs. Ruther hyperthermia, anorexis, rale and blood tests showed hyperproteineams, learland globalmic subsequently learned progression and hyperglycaemia the next day. Treated with fluids, artibiotics and NSAIDs. Improvement the next day. Uttrasound confirmed no pyments. Couly and telthargy a few days later, sounds like kennel cough. Dog was on concurrent treatment with Epiphen.	Not Applicabl	e Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (13/07/2015-13/07/2015-13/07/2015) -Nobivac KC - A,N/A,N/A, 10,0 - ml (13/07/2015-13/	O1 - Inconclusive	NCA agrees with the MAH assessment.

	58-NLINTVINT-2015-UK-033	Kingdom	Animal	Canine/dog	3 Year(s)	20/07/2015	21/07/2015	1 1	0 20/07/2	R> No	rash,Lethargy (see also Central nervous system depression in 'Neurological'),Vomiting,Tarry or black stool (see also haemorrhagic diarrhoea),Haemorrhagic diarrhoea,Urticarial erythema	Other	Haemornhagic diarrhoea, emesis, urticarial erythema of the pinnae, fetar and ventrum, abdominal pain and lethargy 2 house post vaccination tracted with fluids, steroids, artibiotics and problotics leading to improvement 12 hours later although melaena was ongoing.	Terrier	5	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/07/2015) <rs>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (20/07/2015- 20/07/2015) </rs>	B - Possible	NCA agrees with the MAH assessment.
	58-NLINTVINT-2015-UK-033	Kingdom	Animal	Canine/dog		08/07/2015		1 1	1 14/07/2	Known, B > BR>BR>BR Not Known, B > BR>BR	vocalisation, Elevated liver enzymes, Elevated A LT, Panting, Cough, Death by euthans isl, Inappetence, General pain (see other SOCs for specific pain), Lethargy (see also Central nervous system depression in Neurological'), Listless, Pyrexia, Exer cise intolerance, Weight loss, Myastheria gravis	No Data	Unable to walk (coded ataxia), anorexia, lethargy, weight loss, dysuria, pprexia, tachypnoea, voice change (coded imperiared vocalisation), cough and generalised pain 6 days post 7 doos Hobivez Ld vaccination and start of oral Netracam (assumed to be Metacam 1.5mg/mf oral suspension) for the treatment of stiffness. Freated with Comfortan and sent to referral practice. Dehydration, lethargy, progressive weakness with exercise noted on examination. Blood tests showed elevated liver enzymes but 3 months porior to accination, the AP was slightly elevated and acsan had shown a smaller then usual liver. Referral practice diagnosed acquired mysathenia gravis, possibly associated with thymoma Treatment was unsuccessful and the dog was euthanased 5 days later.	Siberian Husky		Metacam 1.5 mg/ml Oral Suspension for Dops. "M/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/	N - Unlikely	NCA agrees with the MAH assessment.
	18-NLINTVINT-2015-UK-033	Kingdom	Animal	Canine/dog		16/08/2014	24/09/2015	1 1	0 01/12/2		Inappropriate urination, Cardiac enlargement, Diarrhoea, Gall blade & bile duct disorder NOS, Cirrhosis, Hepattic fibrosis, Hepattics, Hepattoghiya, Orbosis, polyuria, Ascites, Lack of efficacy, Weight los, Weight gain, Abnormal test result, Bloated, Schmelly kere altymel, Liver disorder NOS, Proteinuria, Hypoproteinaemia, Elevate liver enaymel, Liver disorder NOS, Proteinuria, Hypoproteinaemia Typerphosphatemia, Elevated ALT, Elevated bile acids, Increased consultation tiles.	No Data	Saspected lack of efficacy, Weight loss started 4 months post vaccination. Bloat, polydipsia, polyuria, unitnding in the bouse (Inapportate unitation, Initions), blood tests showed beptopathy, urine test showed proteinuria and low specific gravity 2 month after weight loss started. Ultrasound showed ascites and radiopsighs showed cradited enlargement. Treated with furnosmide and Tramadol. Further blood tests showed hypoproteinaemia, hyperphosphatemia, hepatopathy. Dog referred. Deterioration, diamnosa, increased weight due to a scites. Treated with Denamarin, Destolit and ardibiotics. Liver FNA showed severe chronic hepatitis, fibrosis and copper accumulation. CT scan showed hepatopathy, crimosis, portal hyperetrasion and acquired portoxystemic shums. Coagulation tests showed increased clotting time. Leptospirosis PCR positive on Blood tests. Treatment with Ronassa started. Acids: rescaled an annowa period later. Turther tests were negative for all serovars, still awaiting FISH results from liver bipopy. Final results identified a non-interrogans serovar, interrogans and Kirscheri serovars have been excluded.	English Springer Spaniel		Noblwa: L4 Supervision for injection for Togs: ¬NA/NA/N, A/NA/N, (16/08/2014-16/08/2014)+BR> 	N - Unlikely	NCA agrees with the MAH assessment.
	5B-NLINTVINT-2015-UK-033	Kingdom	Animal	Canine/dog	2 Month(s)	20/07/2015	11/09/2015	1 1	1 20/07/2	115 Yes, < R> No	B Death, Vomiting, Paddling, Diarrhoea Falling, Seizure NOS	, Other	Emesis and diarrhose within 1.2 hours post vaccination. Convolutions with paddling noted 2 days later and the dog fell over a few times. Death later that day, Anthroo gfor min the same household also had convolitions 4 days post vaccination (see case 2015-UR-03385). PME showed no evidence of infection disease or congenital maliformations. The major abnormality noted was hepatomegly which the pathologist suspected to be due to hepatic steatorsis, but this still needs confirmation on histopathology. The same was noted in the brother. No further information.	Pug	0.55	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/07/2015- 20/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/07/2015- 20/07/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4 G	58-NLINTVINT-2015-UK-033	B5 United Kingdom	Animal	Canine/dog	2 Month(s)	20/07/2015	11/09/2015	1 1	1 24/07/2	115 Yes, < R> >No	B Vomiting_Seizure NOS_Death by euthanasia_Hypothermia_Dehydrati on,Unresponsive to stimuli	Other	Loss of consciousness, emeiss and convolutions 4 days port vaccination. Hypothermia and dehylration noted on examination followed by further convolution. Treaded with fluids, disapprain, glucose, steroids, antibiotics, oxygen and heat pad. Euthansia. Another puppy from the same household developed convolutions and deel two days post vaccination flore (see ass 2015-UK 2038). PME showed not evidence of infectious disease or congenital mail formations. The major abnormality noted was hepatomegally which the pathologist suspected to be due to hepatic setatoris, but this still needs confirmation on histopathology. The same was noted in the sister. No further information was received.	Pug	0.8	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/07/2015- 20/07/2015-BRS~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/07/2015- 20/07/2015)-BR>~BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
	58-NLINTVINT-2015-UK-033	Kingdom	Animal		12 Year(s)			1 1	0 21/07/2		Behavioural disorder NOS,Abdominal pain,Distension of abdomen,Ataxia,Inappetence,Lethingy (see also Central nervous system depression in 'Neurological'),Reluctant to move Off colour	No Data	Ataxia, lethatpy, anorexia within 24 hours following vaccination. 2 days later, reluctant to move, reclusive (coded as behavioural disorder), continued ataxia/anorexia, abdominal pain and distension, of colour. No further information.	Crossbred	9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (20/07/2015-20/07/2015) 	B - Possible	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-033	Kingdom	Animal	Canine/dog	13 Year(s)	24/06/2015	27/07/2015	1 1	1 24/06/2	115 No	Seizure NOS,Death by euthanasia	Other	Convulsions within 24 hours post vaccination. Rectal diazepam was administered following by propore but owners then opted for euthanasia.	Staffordshire Bull Terrier	15.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (24/06/2015-24/06/2015) 	B - Possible	NCA agrees with the MAH assessment.
	5B-NLINTVINT-2015-UK-034	Kingdom	Animal	Canine/dog		27/03/2015	27/07/2015	1 1	1 15/05/2		Moribund, Lateral recumbency, Abnormal test result; Elevated BUN, Abnormal ultrasound finding, Foetal death, Weak pube, Anaemia NOS, Low platelet count, Leucopenia, Lymphopenia, Ta chycardia, Pale mucous membrane, Abdominal pain, Death by euthanasia. Depression	Other	Tachycardia, pale mucous membranes, Issupected whelping! 7 weeks after second vaccination. Second vaccination had been administered just after nating:—exact dates unknown.) Dog was admitted and treated with IVIT, KSAIDs, antibiotics. Ultrasound revealed a pups with 1 in birth canal, no heartbeats (coded as abnormal ultrasound indingl. Caestrain revealed all a puppes decomposed and dead V. Suspects they had been like this for 2 hours. Bloods showed anaemia, lexcoperial, hymphopenia, existency propensa, elevated BUIN. Treated with analgiesi, antibiotics, antiemetics, KSAIDs. Dog had depression, lateral recumbency, weak pulse, abdominal pain. Later the PCV Ivad worsened, Va pranectamion was given as well as full doubs. Good response, improved pulses. Dog remained moribund, did not recover, elected euthanasia. No PME. Nothing further.	Bichon Frise	6.9	Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (27/03/2015-27/03/2015)-BR>-BR>-	O - Unclassifiable/unassessa ble	Insufficient information to determine causality, however cannot rule out product related reaction.
NOBIVAC L4 G	58-NLINTVINT-2015-UK-034	United Kingdom	Animal	Canine/dog	3 Month(s)	01/07/2015	25/09/2015	1 1	0 23/07/2	115 Yes, < R> No Known	B Tachycardia,Pale mucous t membrane,Abdominal pain,Diarrhoea,Vomiting,Tachypno ea,Lack of efficacy,Dehydration	Not Known	Sespected lack of efficacy. Suspected panov virus 16 days post first vaccination. Signs included emesis, diarrhoes, pale mucous membrane, dehydration, tartycardia and abdominal pain. Vet suspected panovirus or foreign body. No further information.	English Cocker Spaniel	r 4.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (01/07/2015- 01/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/07/2015- 01/07/2015) 	No assessment performed	
	5B-NLINTVINT-2015-UK-034	Kingdom	Animal	Canine/dog	5 Year(s)	12/07/2014	27/07/2015	1 1	0 15/07/2	114 Not Known	Diarrhoea, Vomiting, Dysuria, Inappe ence, Lethargy (see also Central nervous system depression in "Neurological"), Elevated BUN, Elevated creatinine, Dull	t Not Known	Lethargy starting 2 days post vaccination; no treatment given, no abnormalities on examination. Lethargy, anorexia, dysuria and emesis 6 days post vaccination; blood tests showed real insufficiency letevated BUN and creatinine]. Hospitalisation and treatment with Cerenia, gar protectants, intravenous fluid therapy and Synulos. Blood tests repeated 8 days post vaccination showed continue renal insufficiency. The dog developed airmore at this time and was treated with Prokolin, Zartac and Lones. Renal insufficiency persisted after 14 days post vaccination but the values had improved. Outcome unknown, no further information executed.	Labrador Retriever	35.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A, 10,1 ml (12/07/2014-12/07/2014)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
	58-NLINTVINT-2015-UK-034	Kingdom	Animal	Canine/dog		17/07/2015		1 1	0 23/07/2	R×BR>Ye BR>BR> BR>	'Neurological'),Elevated creatinine	No Data	Lethargy, anorexis and inappropriate urnation 5 days post vaccination with Nobback KC, DPH and L4. Hospitalisation and treatment with intervenous fluid therapy 2 holous after orese. Blood etest showed renal insufficiency (elevated creatione), BUN was top end of normal range. Discharged 24 hours after hospital admission after recovery and flood etest shich were normal. No further information expected. Case 2015-UK-03413 details similar signs after L4 vaccination in the same dog the previous year.	Labrador d Retriever	35.2	(17/07/2015-BR>>BR>Nobivac KC - 17/07/2015/sBR>>BR>Nobivac KC - 4,N/A,N/A ,10,0.4 ml (17/07/2015- 17/07/2015/sBR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/07/2015- 17/07/2015/sBR>-BR>	B - Possible	Clinical signs are very similar to those seen the previous year after this vaccination. Although 3 products were given together and other causes are possible it would seem that this product is more likely to be involved. Product involvement is possible.
NOBIVAC L4	GB-NLINTVINT-2015-UK-034	55 United Kingdom	Human	Human	39 Year(s)	30/07/2015	11/08/2015	1 1	0 30/07/2	15 Not Known	Injection site bleeding,Injection site swelling,Injection site pain,Injection site reddening,Injection site stiffness		Injection site haemorrhage, reddening, oedema, pain and stiffness 2 hours after accidental self injection of Nobiwac L4 in the area of the metacarpal phalangeal joint of the left hand. The needle had been used prior to self injection. Area washed immediately after injection. Treatment with ampicillin. Signs persisted for several days prior to recovery. No further information expected.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,, 		

NOBIVAC L4	GB-NLINTVINT-2015-UK-03458	United Kingdom	Animal	Canine/dog	11.6 Year(s)	22/07/2015	03/09/2015	1 1	0 22	!/07/2015	Yes, <b R>BR>Yes</b 	Not drinking,Adipsia,Sneezing,Cough,Ab	No Data	Cough, sneezing, anorexia and adipsia within a few hours post concurrent vaccination with Nobivac Ki and Nobivac L4. Aphonia noted 1 week later but improvement in eating and drinking. Treatment with	Jack Russell Terrier	7.95	5 Nobivac KC - N/A,N/A,N/A ,N/A,N/A (22/07/2015-	N - Unlikely	Sign are most likely due to abscess caused by Bordetella, more likely to be related to kennel cough
												normal test result, Loss of voice, Inappetence, Skin sarcoma NOS, Abscess NOS, Retching, Gagging, Lethargy (see also Central nervous system degression in 'Neurological')		antibiotics started. No improvement noted within the next 5 days, so steroid treatment started. Deterioration, worknered cough, ancered and adapsis within the next 2 weeks. Abaces noted on the left side of the larynx. General anaesthetic and sample taken were positive for Bordetella. The site of the abaces was confirmed as the salivary igradine Rechting, lethargy and anorexia ongoing, further antibiotic treatments started. The dog had been on long-term treatment with Busicopan. Histopatholog from the Jump confirmed a susamous cell carcinoma.	gy		22/07/2015) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,(22/07/2015- 22/07/2015) 		vaccine.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03477	United Kingdom	Animal	Canine/dog	12 Week(s)	29/07/2015	14/08/2015	1 1	1 1 30		Yes, <8 R> >BR>Yes	Lethargy (see also Central nervous system depression in 'Neurological'),Reduced level of consciousness,Weakness,Hypother mia,Death	No Data	Lethargy, impaired consciousness, hypothermia and death 24 hours post vaccination. No PME carried out.	Maltese	0.8	8 Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (29/07/2015- 29/07/2015>BR> >Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (29/07/2015- 29/07/2015) SR>>BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03483	United Kingdom	Animal	Canine/dog	3.2 Year(s)	23/07/2015	03/08/2015	1 :	0 23	i/07/2015 i	Not Known	Autoimmune disorder NOS-Polyarthitis, Becreased appetite, Lethargy (see also Central nervous system depression in Neurological) Pyrexia, Dry mucous membrane, Elevated liver enzymes, Hyergykaemia, Elevated cholesterol (total), Neutrophilia, Tachycardia, Dia rrhoea	Not Known	Lethargy and anonexis starting within hours post 2nd dose vaccination. Diarrhoea, pyrexia, dehydratio and tachycards de days later. Treated with fluids and MSAID. Blood tests showed elevated ALEP, hyperglycaemia, elevated cholesterol and neutrophilia. Treated with antibiotics and Pardale. The was referred for further investigation and immune mediated polyarthritis was diagnosed.	n Weimaraner	29.6	5 Nobiwa: L4 Suspension for Injection for Dogs - 1,N/A,N/A, 3,0,1 ml (23/07/2015-23/07/2015) sBR> 	A - Probable	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03499	United Kingdom	Animal	Canine/dog	2 Month(s)	30/07/2015	03/08/2015	1		1	Yes, <br R> Not Known</br 	Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Local swelling (not application sitel), Hypoalbuminaemia, Jaw pain, Hyperphosphataemia	Not Known	Malaise starting soon after vaccination, Lethargy, anorexia, pyrexia, jave pain and jave oedema 3 days later. Blood tests showed hypoalbuminaemia and hyperphosphataemia. Treated with steroids and antibiotics. No further diagnostics carried out, outcome unknown. Neck pain had been noted at 1st dose vaccination 1 month earlier.	West Highland White Terrier	2.9	9 Nobivac DHP - 1,N/A,N/A,10,1 ml (30/07/2015-) 30/07/2015 SR><8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (30/07/2015- 30/07/2015 SR><8R>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03545	United Kingdom	Animal	Canine/dog		04/06/2015	05/10/2015	1				Elevated liver enzymes,Gall bladder & bile duct disorder NOS,Localised pain NOS (see other 'SOCs' for specific pain)	Not Known	Hepatiopathy on blood tests 20 days post vaccination and concurrent start of Previcco administration for the treatment of back pain. It was also noted that there had been on improvement in the back pain. Abdominal scan 6 days later showed mild gall bladder changes. Treatment with Destoilt and Synulox started. No improvement within 1 month, Dog referred for further investigation.	Boxer (German Boxer)	28	8 Nobivac L4 Suspension for Injection for Dogs - N/AN/A,N/A, N/A,N/A (04/06/2015)-04/06/2015/eR>-8R>-Previcox 227 ng Chewable Tablets for Dogs - N/A,N/A,N/A,N/A,N/A,N/A,N/A,04/06/2015-24/06/2015)-BR>-	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03546	United Kingdom	Animal	Canine/dog	7 Year(s)	04/07/2015	05/08/2015	1 1	0 04	I/07/2015	Yes	Vomiting,Ataxia,Tachypnoea,Lethar gy (see also Central nervous system depression in "Neurological"),Abnormal test result,Hypersalivation,Proteinuria,A bdominal pain.Hypertension.Stiffness NOS	No Data	Lethargy within 12 hours post vaccination. Tachypnoea, hypersalivation, ataxia, cranial abdominal pai and stiffress on examination 3 days later. Nothing abnormal noted on radiographs, blood tests or ultrasound scan. Emesis 2 days later. Nothing abnormal noted on MRI scan the next day. CSF tap showed elevated protein levels and proteinuria on urine sample. Improvement over the following week but ataxia, lethargy and stiffress still orgoing 25 days post vaccination.	German Shepherd Dog	48	B Nobivac L4 Suspension for Injection for Dogs - N/AN/A,N/A,N/A,N/A (04/07/2015-04/07/2015) -BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03591	United Kingdom	Animal	Canine/dog	2 Year(s)	25/07/2015	07/08/2015	1	1 28	8/07/2015 I	Yes, BR> Not Known	Decrassed packed cell volume [PCV],Non-regenerative anaemia_lymphocytosis, Neutrophi is_volvmiting_Hyperciaceman_unica_ is_volvmiting_Hyperciaceman_unica_ is_volvmiting_Hyperciaceman_unica_ is_volvmiting_Hyperciaceman_unica_ is_volvmiting_is_volvmiting_is_volvmiting_is_ is_volvmiting_is_volvmiting_is_volvmiting_is_ 'Neurological']_Off colour_Smelly breath_Urine abnormalities_ NOS.Hyperphoptatemia_Elevate BUN_Elevated creatinine	Not Known	Malaise and emesis 3 days post vaccination, prior history of intermittent diarrhoes. Blood tests showed neutropilish, jemphopotosi, hypercalaemia, hyperboposhatemia, elevated renal parameter and non-regenerative anaemia. Advised to be admitted for treatment but owner declined. Deterioration and anoevast hene exity of rested with fillads but arrain rends Sommelone and tachypnoea noted. Lethargy, ursemic breath and change in urine protein:creatinine ratio noted following referral. Owner requested euthanasia. No PME carried out.	German s Shepherd Dog	33	Nobine: Kr4,N/AN/A,10,4 ml (25/07/2015- (25/07/2015-28)-68)-Nobine: L4 5,007/2015-68)-68)-Nobine: L4 5,007/2015-68)-68)-Nobine: L6 5,007/2015-68)-68)-68)-68)-68)-68)-68)-68)-68)-68)	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03599	United Kingdom	Animal	Canine/dog	5.3 Year(s)	07/08/2015	15/08/2015	1 1	Δ Ο Ο Ε	8/08/2015 I	Not Known	Low platelet count_leurocytosis,Neutrophilia,Vo mitingNot drishing_forustling_Lethargy (see also Central nervous system Neurological]_Localised pain NDS (see other NDSC for specific pain)_Pyresia,Not eating_Abnormal test result_Monapaesis (paralysis of limb)_Moscle taking_Moscoudseletal pain_Elevated BUN, Pyer rolling back_Flewated followered (final)	Not Known	Lethings, ammeria, adiptial, loss of consciousness. 2x hours post vaccination. Knickling and omogranisor (right frontlinds, press, apicin insucioalselate) pain later the same day, treatment with beaudinson. Emesis, lethings, muscle tremor, lescocytosis, resurrophila, with more produced to the same day. The stream of the same day is adopted to the same day of the s	Labrador h Retriever	Not Known	Noblex c.4 Suspension for injection for Dogs - 1,1V/AN/A,1,0.1 mil (07/08/2015-07/08/2015)-GR>-BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03608	United Kingdom	Animal	Canine/dog	14.6 Year(s)	13/02/2015	10/08/2015	1 1	0 06	5/08/2015 Y	Yes, <br R> >Not Known</br 	Heart murmur,Laryngitis,Cough,Decrease d appetite,Lack of efficacy	Not Known	Suppected lack of efficacy, Cough, anomais, murmur and languigts 6 months post vaccination. The do had been in kennels 2 weeks prior to this. No diagnostics carried out, outcome unknown.	g West Highland White Terrier	10.1	1 Nobivac KC4,N/A,N/A,10,0.4 ml (13/02/2015- 13/02/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/02/2015- 13/02/2015\BR> 	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2015-UK-03612	United Kingdom	Animal	Canine/dog	5 Year(s)	08/08/2015	10/08/2015	1 1	0 08	8/08/2015	No	Shaking,Injection site pain,Vocalisation,Tachycardia,Musc le spasm NOS	Other	Injection site pain and vocalisation immediately during administration followed by tachycardia, muscle spasms and shaking. Recovery within 2 minutes. Vaccine was administered off-label direct from the fridge.	e Greyhound	25	9 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (08/08/2015-08/08/2015) BR> 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03697	United Kingdom	Animal	Canine/dog	2 Year(s)	10/08/2015	17/08/2015	1 :	0 15	6/08/2015 Y	Yes, <b R> >BR>No</b 	Low platelet count, Diarrhoea, Vomiting, Inappete nce, Congested mucous membrane, Pyrexia, Abnormal test result, Petechiae NOS	Other	Emesis, diarrhoea, anorexia and congested mucous membranes 5 days post vaccination and concurrent Bravecto administration. Improvement 2 days later but on examination petechiae of the gums and pryexis noted on examination (although it was a hot day and the dog was excited). Blood tests showed possible immune mediated thrombocytopaenia. Unknown what treatment was given, outcome unknown.	English Springer Spaniel	18	B Bravecto 500 mg Chewable Tablets for Dogs - 1,N/A,N/A,24,1 Tablets (10/08/2015- 10/08/2015\EBR>\operation bivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (10/08/2015- 10/08/2015\EBR>\operation BraveBr>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-03700	United Kingdom	Animal	Canine/dog	14 Month(s)	10/08/2015	22/10/2015	1	1 0 14	/08/2015 N	lot Known	Aggression, Diarrhoea, Head tilt - ear disorder, Meningitis, Tonic-clonic seizure, Ataxia, Stumbling salit, Photophobia, Janapetence, General pain (see other SOCs for specific pain), Lethangy (see also Central nervous system depression in Neurological [®]), Pyrexia, Uncoded sign, Ahommal test tresult, Walking difficulty, Dull	Not Known	Lethargy, anorexia, generalised pain and head pain 4 days post vaccination. Photophobia, aggression and pureia on examination. Treated with antibiotics. No improvement over the next 2 days and duliness and pain still ongoing. Referral for further tests and treatment identified CS elevated nucleated cells. Development of convulsions (tonic-clonic sezure), treated with Phenobarbitone. Post sezure the dog deteriorated: pleuvoritions to right (unceds digs), head till (internal aer disorder) and ataxia. ARII showed multiple brain lesions likely related to inflammation. Diagnosis of immune mediated meniogenepabilist leading to treatment with predincionone and discharge after an improvement but recurrence of diarrhoea. No further information expected.	Chihuahua	3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (10/08/2015-10/08/2015)-BR>-BR>	O1 - Inconclusive	Vaccines may have a role in the development of immune mediated disease. Clinical signs are not expected but product cannot be excluded as a factor in the development of clinical signs.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03721	United Kingdom	Animal	Canine/dog	2 Year(s)	17/08/2015	14/10/2015	1 1	1 1 17	/08/2015 N	lot Known	Pulmonary congestion,Epistaxis,Death,Hyperth ermia,Petechiae NOS,Abnormal necropsy finding	Not Known	The owner suspected heat stroke 40 minutes post vaccination after travelling bone from vet practice. Epistasis followed by death later the same day. Dog had a reaction post vaccination on a previous occasion (see case 2015-UR-03856). Plaw as consistent with brach/epishali ainway syndrome. Histology supports suspiction of acute exacerbation of bracycephalic ainway syndrome, influence of vaccines into cite and stress of visit may have contributed.	Bulldog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/08/2015-17/08/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03726	United Kingdom	Animal	Canine/dog	9 Year(s)	20/07/2015	20/08/2015	1	1 0 21	R:	es, >BR> No, BR> < BR> <</b 	Eosinophilia, Ataxia, Dull	No Data	Alaxia and itshargy 24 hours poot vaccination and concurrent Advocate application. Improvement in ataxia after 2 days but lethargy was ongoing. Blood tests carried out 4 weeks later showed eosinophilia. Treated with steroids, outcome unknown.	Yorkshire Terrier	Not Known	Advocate Spot-on Solution for Small Dogs - 1,N/A,N/A, 24,1 Packet/Sachet Once (20/07/2015- 20/07/2015/eBR-sBR>Nobivac DHPPI - 1,N/A/M, 10,1 ml Once (20/07/2015- 20/07/2015/SBR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,M/A, 10,1 ml Once (20/07/2015-20/07/2015)-GBR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,M/A, 10,1 ml Once (20/07/2015-20/07/2015)-GBR>-GBR>-	B - Possible	MCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03733	United Kingdom	Animal	Canine/dog	7 Year(s)	07/08/2015	16/10/2015	1 1		/08/2015 N	lot Known	Pale mucous membrane,Diarrhoea,Loose stool,Drinking a lot,Weight loss,Abnormal test resulf,Exocrine pancreatic insufficiency,Unusual stool colour	Not Known	Damhoes 12 hours post vaccination. Further damhoes and pale mucous membranes the next day, treated with Promas. Diamhoes and weight loss reported 3 weeks law, treated with antibiotics. Fraceis simples register for Salmonella and Campylobacter but positive for Cocciodia ooysts. Blood tests were normal. Canine parcreatic lipsae test done 1 month later and this was negative. Referred 1 dougstater and an ultrasound scan showed small intestime uncost litckeining, Blood tests showed hepatopathy, Diagnosed with exocrine Pancreas insufficiency so started treatment with pancreatic enzyme and antibiotics.	English Toy Terrier	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (07/08/2015-07/08/2015) BR>	N - Unlikely	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03758	United Kingdom	Animal	Canine/dog		20/07/2015	19/10/2015	1 1		/07/2015 Ye	es	Behavioural disorder NOS,Abdominal pain,Yomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Nausea,Stiffness NOS,Lip licking	No Data	Emeis and lethargy within 24 hours post vaccination followed by intermittent lethargy. Examination 1 month later showed adhominal pain, pilcking, nause and not warding to jump and moving awkwardly. Treated with antacids. Further lethargy and a change in behaviour the next day. Blood sample taken, but results not received. No further information.	Whippet	17.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (20/07/2015-20/07/2015)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-HLINTVINT-2015-UK-03761	United Kingdom	Animal	Canine/dog	9.2 Year(s)	18/04/2015	19/11/2015	1 :	1 0 23	/07/2015 N	lot Known	Vocalisation, Low platelet count, Lymphadenopathy, Splenome galy, Tachycardia, Abdominal pain, Fascal impaction, Meganesophagus, Diarrh oea, Vonntilga, Anoresia, Previsa, Laci of efficacy, Weight loss, Abnormal test result, Hypoalbumina emia, Pancreat tis, Elevated liver enzymes, Elevated total billimuth, Abnormal Tadlograph finding, Elevated cholesterol (total)	Not Known	Suspected lack of efficacy, Emesis, anorexia, lethargy and not passing any faeces. 3 months post second dose vaccination. Tachycardia and propriato noted on examination. Treatment started with fluids, Cereina, Omerpracole and Suprencyphine. Radiographs showed splenomegally, Blood tests showed hepatopathy, elevated globulistic, hyperproteinament and possible pancrestists. Treated with Augmentin. General anaesthetic administrated leading to diarrhoea. CT scan showed megaposciphagus and peri-bronchial phymathenopathy. Further blood tests showed thrombocytopenia. Further diarrhoea and vaccilisation the next day, Sent home with Tramadol, Symulox, mirazipine, metronidazole and omerpazole leading to improvement but not full recovery. Blood tests were PCR positive for Leptosprosis at Langford but negative at Ideas. Serology negative for all serovars. No further information received.	Great Dane	68	Nobbac L4 Suspension for Injection for Tops: 1.17A/A, 1.0.1 ml (18/04/2015-18/04/2015)+BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03762	United Kingdom	Animal	Canine/dog	4 Year(s)	31/03/2015	19/08/2015	1 1	1 0 31	/03/2015 Ye	es, Yes</b 	Polydipsia Joint pain, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Excessive appetite, Off colour, Pyrexia	No Data	Joint pain (neck), anorexia, malaise, hyperthemia within 18 days of vaccination (signs showed at unknown time post vaccination). Treated with ratholics and anti-inflammatories. 2 days later, clinica signs had worsened, with ethairgs, Nothing abommal detection or nadiographs: Treated with stready. Over the following month the pain had subsided however polydipsia and increased appetite started so steroid dose reduced. Clinical signs had readwed 3 months later. Linked to follow up case: 2015-UK- 03763 (again neck pain post vaccination). No more information expected.	Jack Russell Il Terrier	11.1	Nobivac DHP - 1,N/A,N/A,24,N/A (31/03/2015- 31/03/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (31/03/2015- 31/03/2015)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03763	United Kingdom	Animal	Canine/dog	4 Year(s)	28/07/2015	19/08/2015	1 1	1 0 08	/08/2015 Ye	es, <b I> Yes</b 	Joint pain	No Data	Joint pain within 10 days of vaccination. Treated with steroids; improved. Linked to similar reaction after previous vaccination with the same products: 2015-UK-03762. Nothing further expected.	Jack Russell Terrier	11.1	Nobivac DHP - 1,N/A,N/A, 24,N/A (28/07/2015- 28/07/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03778	United Kingdom	Animal	Canine/dog	6.5 Year(s)	21/08/2015	07/09/2015	1 1	1 0 21		lo, BR>B >>BR>Yes	Addison's disease, Anorexia, Decreased body temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Dehydration, Hyperk alaemia. Hyboonatremia	No Data	Lethargy 1 hour post vaccination followed by anorexia. Dehydration and hypothermia on examination 3 days later. Blood tests showed hyponatraemia, reduced chloride and hyperkalaemia. Vet confirmed Addison's disease. No further information.	Toy Poodle	Not Known	Nobivac DHPP: 1,N/AN/A,10,1 ml Once (21/08/2015- 21/08/2015)-BR> >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (21/08/2015- 21/08/2015)-BR> >	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03810	United Kingdom	Animal	Canine/dog	5 Year(s)	14/08/2015	24/08/2015	1 1	1 0 15	/08/2015 Ye	es, <b :>BR> No</b 	Injection site abscess,Injection site lump,Injection site pain,Polydipsia,Lethargy (see also Central nervous system depression in 'Neurological')	Other	Polydipia: 24 hours port vaccination. Origing polydipia and injection size lump 4 days later. PM of the lump showed mi jection size absects. Antibolic treatment started. Checkup 2 days later showed accumulation of further pus at the injection size and injection size pain. Further drainage carried out leading to recovery 4 days later.	Crossbred	36	Nobivac DHP - 1,N/A,N/A ,10,1 ml (14/08/2015- 14/08/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (14/08/2015-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03820	United Kingdom	Animal	Canine/dog	7 Week(s)	23/08/2015	24/08/2015	1 1	1 0 23		es, <b< td=""><td>Tachycardia,Not drinking,Tachypnoea,Snuffle,Hypot hermia,Respiratory signs,Not eating,Swollen lymph node,Walking difficulty</td><td>No Data</td><td>Anorevia, adipsia, walking difficulty, rhinitis, tachycardis, tachypnoes, respiratory tract disorder (mild respiratory effort), ymphademis, hypotherma within 5 hours of vaccination with DHP and L1. Treate with HFT and artiblotics. Recovered apart from respiratory effort, nothing further expected.</td><td>Pug</td><td>1.29</td><td>14/08/2015/sBR>-BRP Nobivac DHP - 1,N/A,N/A,10,1 ml (23/08/2015- 23/08/2015)-sBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/08/2015- 23/08/2015)-sBR>-SBR></td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></b<>	Tachycardia,Not drinking,Tachypnoea,Snuffle,Hypot hermia,Respiratory signs,Not eating,Swollen lymph node,Walking difficulty	No Data	Anorevia, adipsia, walking difficulty, rhinitis, tachycardis, tachypnoes, respiratory tract disorder (mild respiratory effort), ymphademis, hypotherma within 5 hours of vaccination with DHP and L1. Treate with HFT and artiblotics. Recovered apart from respiratory effort, nothing further expected.	Pug	1.29	14/08/2015/sBR>-BRP Nobivac DHP - 1,N/A,N/A,10,1 ml (23/08/2015- 23/08/2015)-sBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/08/2015- 23/08/2015)-sBR>-SBR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03836	United Kingdom	Animal	Canine/dog	9 Year(s)	08/08/2015	27/08/2015	1 1	1 0 10	R	es, <b i>BR>Not inown</b 	Immune mediated haemolytic anaemia,Thrombocytopenia,Leuco cytosis,Lethargy (see also Central nervous system depression in 'Neurological'),Exercise intolerance	Not Known	Lethargy and exercise intolerance starting approximately 48 hours post vaccination. Examination and blood tests 12 days later showed immune mediated haemolytic anaemia. Unknown treatment given. Blood tests carried out 5 days later showed leucocytosis, thrombocytopaenia and Coombs test negative.	English Springer Spaniel	24	Nobivac NHP - 1,N/A,N/A ,10,1 ml (08/08/2015- 08/08/2015-bR><8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (08/08/2015- 08/08/2015)-BR><8R>	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-03924	United Kingdom	Animal	Canine/dog	5.83 Year(s)	24/08/2015	10/09/2015	2 1		/08/2015 Ye	es	Injection site abscess,Injection site swelling,Injection site pain,Anorexia,Off colour,Pyrexia	No Data	Malaise, injection site swelling/pain/abscess, hyperthermia and anorexia within 24 hours of vaccination. Treated with NSAIDs, lanced, and then antibiotics. Unknown if full recovery made, but doing well. Nothing further.	Whippet	19	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (24/08/2015-24/08/2015) 	A - Probable	NCA agrees with MAH"s comments however causality assessment is probable, therefore A.
NOBIVAC L4	GB-NLINTVINT-2015-UK-03953	United Kingdom	Animal	Canine/dog	8 Year(s)	07/05/2015	04/11/2015	1 1	1 0 11	/08/2015 N	lot Known	Lack of efficacy	Not Known	Suspected lack of efficacy: Pyrexia, jaundice and hepatopathy 3 months post 2nd dose vaccination. Lepto PCR negative but antibody positive for Canicola and Copenhageni. Treatment started with antibiotics leading to improvement. No further information.	Dobermann	40.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (07/05/2015-07/05/2015) 	N - Unlikely	NCA agrees with the MAH assessment.

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NOBIVAC L4	GB-NLINTVINT-2015-UK-03971	United Kingdom	Human	Human	27 Year(s)	02/09/2015	02/11/2015	1 1	0 02/09/2	015 Not Known	Eye disorder NOS (for photophobia see 'neurological'),Burning sensation of eye,Eye sore and red	Not Known	Vet nurse had an unknown volume of product squirted into her right eye when the needle came off. Eye was flushed with saline. Within 5 to 10 minutes her eye was red, sore, burning and hard to open. She visited her GP who washed the eye out again. The following day the patient was reported as OK, but it was unclear if she had recovered. No response to MAH request for further information.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,24 		
NOBIVAC L4	GB-NLINTVINT-2015-UK-04003	United Kingdom	Animal	Canine/dog	5 Month(s)	02/07/2015	03/09/2015	1 1	1 25/08/2)15 Yes, Per R>BR>BR>Yes BR> BR> Yes	, euthanasia,Appetite	No Data	Anorexia, difficulty chewing within 2 months of vaccination. 2 days later was noted as being small (coded as loss of condition), noor muscle development (muscle wasting). No abnormalities were found on faccal or blood amplets. 2 days after this, collage, lateral recumbency, tachynnoea, hyperthermia, tachycardia and arrhythmia, leading to death by euthanasia. Nothing further.	Saint Bernard i Dog	34	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/07/2015- 02/07/2015-BR~BR>Nobivac KC - 4,N/A,N/A, 10,0 a ml (02/07/2015-02/07/2015-BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,10,1 ml (02/07/2015-02/07/2015-BR>BR>BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04031	United Kingdom	Animal	Canine/dog	11 Week(s)	02/09/2015	28/09/2015	1 1	1 03/09/2)15 Yes, < R> Yes	aborders 3 Death	No Data	Death within 24 hours post vaccination. The dog was noted to be thin at the time of vaccination but otherwise fine. No PME carried out.	Crossbred	0.4	Nobivac DHP - 1,N/A,N/A, 10,1 ml (02/09/2015- 02/09/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/09/2015- 02/09/2015\<	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04054	United Kingdom	Animal	Canine/dog	4 Year(s)	17/08/2015	07/09/2015	1 1	0 17/08/2	Pes, <i R> No Known</i 	3 Seizure NOS	Not Known	Two convolutions reported within 4 days post vaccination (exact timing unknown) followed by recovery apart from ongoing letharpy. Further convolutions during the following 2 weeks. The dog had a pseudo pregraining at the same time and the owner was moving bouse. The ddg was diagnosed as epileptic earlier in the year and was on Epighen and Phenolepti treatment.	Other Canine/dog	Not Known	107.097.01536.8R>-6R> Nobivac Kc - 4,N/A,N/A,10,0.4 ml (17/08/2015- 17/08/2015) -6R>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/08/2015- 17/08/2015\-6R>-6R>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04064	United Kingdom	Animal	Canine/dog	9 Year(s)	26/08/2015	07/09/2015	1 1	0 01/09/2	015 No	Injection site abscess,Injection site swelling,Injection site pain,Not drinking,Off colour,Pyrexia,Not eating	Other	Injection site swelling, hyperthermia, malaise within 4 days of vaccination. Progressed to injection site pain/abscess, adipsia and anorexia over the following 2-3 days. Abscess burst. Treated with antibiotics tramadol, IVFT. Nothing further expected.	Staffordshire Bull Terrier	23	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (26/08/2015-26/08/2015) 	A - Probable	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	9 Week(s)	18/08/2015	23/12/2015	1 1	0 29/08/2	R> Yes	redness,Eye inflamed	No Data	See redness and eye inflammation 11 days poot Nobivac DPP and 14. Treatment with Mautitor) referrs to ophthimologist. Diagnosed with unlatteral voietis and treated with Metacana mad red Forte drops, improvement 2 weeks later but not resolved. Scrology showed higher CAUZ 2048 than expected partural infection? Second 14 and 84 Cvaccine were given in morth post intial succine. Continued treatment with Mautitor) 3 times daily but severe comeal oedema persists. No further information expected.	l Crossbred	4.64	Nobivac DHP - 1,N/A,N/A,10,1 ml (18/08/2015- 18/08/2015)-EBR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (18/08/2015- 18/08/2015)-EBR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04087	United Kingdom	Animal	Canine/dog	9 Year(s)	23/08/2014	21/01/2016	1 1	1 25/08/2	014 Not Known	Death by euthanasia,Flaking skin,General hair loss	Not Known	General hair loss and flaking skin started within 2 to 3 days post vaccination. No mites or parasites found and no improvement with a hypoallergenic diet. No improvement following treatment with Priton. Euthanasia 14 months later. The dog already had chronic otitis externa, digital dermatitis and alogecia of availae regions prior to vaccination.	Staffordshire Bull Terrier	19	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (23/08/2014-23/08/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04109	United Kingdom	Animal	Canine/dog	5 Year(s)	14/07/2015	14/10/2015	1 1	0 18/08/2	Not Known, BR >BR>BR>BR Not Known, BR >BR>BR Yes	Lack of efficacy	No Data	Sapperced lack of efficacy. Leptosphosis despite L4 succination 14 days prior to first clinical signs. Although liver Houseace in situ helpidation (FISS) has demonstrated a large number of Leptospis throughout the hepatic parenchyma, it is unknown which sengroup is involved. Serology was positive for Brastishiv, Canicola and Ictero but no blood or urine PCR carried out and therefore no confirmation of serover.	Crossbred	30	Nobivac DHP - 1,N/A,N/A,10,1 ml (14/07/2015- (14/07/2015-)KBR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (14/07/2015- 14/07/2015)-kBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/07/2015- 14/07/2015-)KBR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04138	United Kingdom	Animal	Canine/dog	9.3 Month(s	20/02/2015	13/10/2015	1 1	0 31/08/2	Not Known	Lack of efficacy	Not Known	Supercise lack of efficacy. Maible, ancreal and jaundice 7 months post vaccination. Treated with fluids. Blood tests showed hepatopathy, elevanted urea and hyperphosphataemia. Ultrasound showed fluid around the kölmeys, hepatomegaly and sludge in the gall bladder. Treated with Ztaz, Vitibee, Cerenia, Antibiotics, Butador and Medelor. Vet supercis Leptosprosis but Orime PCR positive for Leptosprosis but Blood tested negative. Vet is planning on drong paried title. Treatment is ongoing. Dog reported to be doing well and second serology showed a positive title for finishistiva, Copenhagen Australia and Autumnals. Dog reported to be doing well and jaundice has resolved.	English Cocker Spaniel	r g	14/07/2015/EBR*4BR* Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (20/02/2015-20/02/2015) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04167	United Kingdom	Animal	Canine/dog	2 Year(s)	05/09/2015	17/09/2015	1 1	0 08/09/2	015 No, <e R> Yes</e 	Abnormal test result,Meningitis,Lethargy (see also Central nervous system depression in 'Neurological'),Localised pain NOS (see other 'SOCs' for specific pain),Pyrexia	No Data	Localised thoracic back pain, lethargy and hyperthermia 3 days post second vaccination with Noblvac DHPB and 14. Similar clinical signs were seen after the initial vaccination the previous month with the same products and the days was not completely recovered in the time of second vaccine. CSF tap showed neutrophilic piecoytosis (abnormal test result) and diagnosis of meningitis was reached. Treatment with steroids, outcome ongoing. No further information expected.	Shih Tzu	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Once (05/09/2015- 05/09/2015-bBR>-8BN-Nobivac L4 Suspension for nijection for Dogs - 1,N/A,N/A,10,1 ml Once (05/09/2015-05/09/2015)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04175	United Kingdom	Animal	Canine/dog	10 Week(s)	01/09/2015	14/09/2015	1 1	0 08/09/2	015 Yes, <i R> No Known</i 	B Lack of efficacy	Not Known	Sapperce lack of efficacy. Emess and diarrhoes starting, 5 days post vaccination. Treated with fluids, Cerevia and antiblicists. CPR posteller for praviorius. Destroination and eleucopenia on blood tests a few days later. Faecal sample was also positive for isospora. The dam was not vaccinated.	Pug	1.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (03/09/2015- 03/09/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/09/2015- 01/09/2015\-BR>-BR>	No assessment performed	
NOBIVAC L4	GB-NLINTVINT-2015-UK-04198	United Kingdom	Animal	Canine/dog	7 Month(s)	15/05/2015	11/11/2015	1 1	0 11/09/2	015 Not Known	Lack of efficacy	Not Known	Suspected lack of efficacy. Malaise, lethargy, jaundice, hepatopathy and elevated renal parameters 4 months post 2nd dose vaccination. Urine PCR positive for Leptospirosis but blood PCR was negative. Unknown if treatment given. Serology positive for L. ictero, L. canicola and L. hardjo. Serology repeated 1 month later showed no major changes.	Crossbred	21.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/05/2015-15/05/2015) BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	2.4 Year(s)	20/08/2014	16/09/2015	1 1	0 25/06/2		Lack of efficacy	Not Known	Saspected lack of efficacy, Collagse 10 months post vaccination. The dog had been out for a walk but then fell in a pond followed emesis, darrives and collagse, messis and unespositive on examination. Blood test showed thrombocytopaenia, hypokalaemia, hepatopathy and hyperglycaemia. Treated with isathal and Zartica and fluids leading to come improvement. Leptospiar antibody if IA-3200 due to exposure and not vaccination. Treated with antibiotics. Repeat serology 1.5 months later showed low antibody titres.	Not Applicable	11	(20/08/2014-20/08/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04234	United Kingdom	Animal	Canine/dog	3 Year(s)	15/09/2015	16/11/2015	1 1	0 15/09/2	R> No Known	Bloody t diarrhoea, Vomiting, Depression, Loc alised pain NOS (see other 'SOCs' for specific pain)	Not Known	Emesia and haemonthagic gastroententis. I hour poor Nobiwa: DHP, Li And microchipoing and 2 days poos an unknown worming product. 2 days after orneot of signs doe possibatised for intravenous fluid therapy, antibiotics and pain relief due to lethargy and a sore anus (localised pain). No further information expected.	Jack Russell Terrier	5	(15/09/2015- 15/09/2015) SBR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/09/2015- 15/09/2015\sBR>>BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04273	United Kingdom	Animal	Canine/dog	10.6 Year(s)	11/09/2015	21/09/2015	1 1	0 13/09/2	015 Not Known	Injection site abscess, Thrombocytopenia, Leuco Ytosis, Abdominal pain, Diarrhoea, Polydipsia, Anorexia Lethargy (see also Central nervous system depression in Weurological), Pyrexia, Dehydratior Abnormal test result, Hyperglycaemia, Elevated result, Hyperglycaemia, Elevated SAP, Abnormal tutrasound finding	Not Known	Lethargy, polytigisia, anorexia and distrince a within 48 hours post vaccination. Pyrexia, abdominal pair and elebracian once don examination all days later. Blood rests showed elevered ALIXP, hippergly.camilia and eleucotyois. Treated with fluids, analgesics and antibiotics. Netoclopamide started the next day. Further antibiotics started the day after this and further eleucocytosis noted on blood tests. Ansemia and thrombocytopaenia also noted on blood tests. Injection site abscess burst the day after this – this was cleaned and clipped.	English Cocke Spaniel	r 14.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/N,N/A ,10,1 ml (11/09/2015-11/09/2015)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04312	United Kingdom	Animal	Canine/dog	7 Year(s)	21/09/2015	22/09/2015	1 1	1 21/09/2	P> No Known	Subournation interesting Sleepiness - t neurological disorder, Death, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy-within 15 minutes post vaccination leading to somnolence, dyspnoea and death later the same day. No PME carried out.	Crossbred	5.6	Nobivac DHP - 1,N/A,N/A,10,1 ml - 1 vial (21/09/2015- 21/09/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (21/09/2015- 21/09/2015) 	B - Possible	Close time association, could be a possible hypersensitivity reaction, 2 products administered, bu no PME carried out.

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NOBIVAC L4	GB-NLINTVINT-2015-UK-04316	United Kingdom	Animal	Canine/dog	9.5 Month(s)	22/09/2015	23/09/2015	1	1 0	22/09/2015	Yes	Neuropathy NOS	No Data	Brachial plexus neuropathy 10-15 minutes post vaccination. Outcome unknown. No further information expected.	Bichon Frise	9.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (22/09/2015-22/09/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04335	United Kingdom	Animal	Canine/dog	1.2 Year(s)		23/09/2015	1	1 0	22/09/2015	Yes, <b R>BR>BR>No</b 		Other	Pyresia 4 days post vaccination, treated with antiblotics and predinsiolone, outcome unknown. The dop has a history of pyrexia of unknown origin, with the last episode of this occurring 6 months prior to vaccination.	Not Applicable	16.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (18/09/2015- 18/09/2015):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (18/09/2015- 18/09/2015):BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04349	United Kingdom	Human	Human	45 Year(s)	27/09/2015	08/10/2015	1	1 0	27/09/2015	Not Known	Injection site swelling	Not Known	Vet injected about 0.25 ml of product into the tip of her right thumb with a clean needle. The area of the injury became slightly swollien within 6 hours, and proceeded to increase in size. The patient took Pirton on her Dr's advice. The injury had resolved 3 days late.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,24 		
NOBIVAC L4	GB-NLINTVINT-2015-UK-04393	United Kingdom	Animal	Canine/dog	3 Month(s)	19/09/2015	28/10/2015	1	1 0	20/09/2015	Not Known	Miscellaneous eating disorder NOS,Bloody diarrhoea,Emesis,Other immune system disorder NOS,law disorder,Moysits,Inappetence,Leth argy (see also Central nervous system depression in Neurological'),Depression,Hind limb ataxia,Local swelling (not asolication skill)	Not Known	Letharg, ataxia, anorexia and jave swelling within 24 hours of vaccination. Diagnosed with immune mediated myositis. Unable to open jive on exam ligw disorder), haemortagic darinotea, lethargy, Bolting food (eating disorder) followed by emesis. Treated with intravenous fluid therapy, NSURS, Desamethasone and artiblotics. Improgn on stereol treatment. Discharged from hospital 4 days post onset. Further information suggestive of mastikatory myositis. Outcome unknown, no further information expected.	Cavalier King Charles Spaniel	2.14	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (19/09/2015-19/09/2015)-BR>~BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04396	United Kingdom	Animal	Canine/dog	6 Month(s)	18/05/2015	28/09/2015	1	1 1	19/09/2015	Yes, <b R> >Not Known</b 	Lack of efficacy,Death by euthanasia	Not Known	Suspected lack of efficacy. Heamatemesis, diarnhoes and pyrexis 4 months post 2nd dose vaccination shortly after being hienenles. Emissi still ongoing the next day to retated with antibiotics, omegraziote and fluids. Blood tests were normal. Lethargy, hypothermia and continued emesis the next day, treate with further fluids, Zantac and Emeptid. Watery, heamorhragic diarnhee and Blood tests showed leucocytosis, hyperalavitora and naueses. Sang test positive for parvovius. Plasma transfusion given illoud tests showed hypoalbuminaemia, leucocytosis, Treated with Interferon, analgesics, Emegrid, Zantac and antibiotics. Deterioration the next day leading to euthanasia. No PME carried out. 2nd vaccine was administered at 10 weeks of age.	English Cocke Spaniel	r 10	Nobixac DHP - 1,N/A,N/A, 10,1 ml (18/05/2015-18/05/2015-18/05/2015)-BR> Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (18/05/2015-18/05/2015)-BR> 	No assessment performed	
NOBIVAC L4	GB-NUNTVINT-2015-UK-04417	United Kingdom	Animal	Canine/dog	4.2 Year(s)	18/09/2015	29/09/2015	1	1 0	18/09/2015	Yes, FS-BR>Yes, ser-SBR>Yes, ser-SBR>Yes, ser-SBR>Not Known	Tachycardia,Ahonomal test result,Imnune mediated haemolytic anaemia,Tense abdomen,Dereased packed cell volume (PCV)Disconsultation subscentral nervous system depression in Neurological/Janorexia,Tachypnoe a,Pale mucous membrane,Thrombocytopenia	Not Known	Vaccinated with Nobivac DHP, Nobivac LL and Nobivac KC on 18 Sept 2015. The dog has been off colour since vaccine. The dog causity a rabble 5 days later and this was followed by progressive lethary and anorexia. Emesis 3 days later, at en a 75 Sept 2015 but not eaten on 26 Sept 2015 morning. On examination, slightly plane mucous membranes, hear that 2.126, respiration 40 and very tense on abdomen palpation, temperature 3.8.3 Celsius. Vet suspicious of foreign body, Blood tests showed estingentia, amential and low creatinine (estions) biol (1,061-12,8) Hearnation (12.8 GE); 61.7), Red Blood Celsi 1.25 (5-56-87), laternagiolin 5.1 (13.1-20.5), Creatinine 33 (44-159), manual VCV 13-20/6 (13-57), jobs againstrained was postive which includes immune mediated haemolytic amentia. Radiographis revealed no abnormalities found other than an enlarged spient. The dig was jobs and the control of t	English Cocke Spaniel	r 16.4	Nabbac DHP - 1,M/A/NA 1,0.1 ml (18/08/2015- 18/08/2015)-RBR-NaBbA-Nabbac KC - AN/ANA 1,0.0.4 ml (18/09/2015- 18/09	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NUNTVINT-2015-UK-04421	United Kingdom	Animal	Canine/dog	10 Week(s)	04/08/2015	30/09/2015	1	1 0	17/08/2015	Yes, No	Stwering Elevated liver enzymes, hypergix, aemia, hyperpho sphataemia, Elevated bile acids, Elevated total bilirubin, Elevated total bilirubin, Elevated creatine-kinase (CX), Elevated toleosterol (total), Monocytosis, Anaemia NOS, Low plateit count, Leucopenia, Neutrophilia, hypercalaemia, Collago (see also creataemia, Collago (see also creataemia, Collago (see also disorders), Lethragy (see also central nervous system depression in 'Neurological'), pryeasia, Weight gain, Abronnal test result	Other	Pyrexia, Shvering, lethargy, elevated ALSP, Phypoproteinaemia, hyperphysicaemia, elevated crastine insace, elevated chrodine, aemeia, leucoryotis and neutropiali. 31 days post vaccination. Treated with antibiotics and NSAIDs. Lethargy and collapse when trying to wait. 2 days later. Gardaii improvement over the next 22 weeks with further treatment. 2nd does of hobivact. 4a administrered 2 weeks after this. Lethargy and pyrexia 2 weeks later leading to death of unknown cause (reported in another case 2015-UK-04422).	Weimaraner	12.05	Nabbus CHP - 1,11/L/N/A, 1,0,1 ml (pd/p8/2015) 04/08/2015 04/08/20	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04422	United Kingdom	Animal		3 Month(s)			1	1 1		Not Known	Leucocytosis, Neutrophilia, Meningit is, Death, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Abnormal test result, Elevated liver enzymes, Hyperghy caemia, Hyperpho sphataemia, Abnormal necropsy finding	Not Known	Pyrexia, Ethangs, hyperphosphataemia, elevated ALEP, hyperphycaemia, elevated chlorids, anemia, leucocytoxis and reutrophilia 2 weeks post 2rd door excination. Treated with fluids, antibiotics and ASAIDS. Death 2 days later. History of similar signs 13 days following first dose vaccination but recovered following supportive treatment. PME showed steroid responsive meningità. No further information expected.	Weimaraner	12.05	for Dogs - 1,N/A,N/A,10,1 ml (15/09/2015-15/09/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04458	United Kingdom	Animal	Canine/dog	4 Month(s)	29/09/2015	12/10/2015	1	1 0	29/09/2015	Not Known	Restlessness, Tachycardia, Diarrhoea , Tachypnoea, Reddening of the skin, Inappetence, Lethargy (see also Central nervous system depression in "Neurological"), Off colour, Elevated temperature	Not Known	Restlessness 12 hours post 2nd dose vaccination followed by erythems of the abdomen and anorexia. Lethargy, malias, echapeads and tackproace on examination. Treated with Cricosteroids. No improvement by the next day, prexia, lethargy and further crythems the next day. Treated with fluids and corticosteroids leading to improvement but some signs still ongoing, outcome unknown. Nexgard Vectra was dispensed but unknown if administered.	Labrador Retriever	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (29/09/2015-29/09/2015) 	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04478	United Kingdom	Animal	Canine/dog		07/08/2015	01/02/2016	1	1 0		R×BR×BR>No	·	Other	Suspected lack of efficacy, Lethatgy, pyresis, emesis and jaundice 2 months post 1st dose vaccination, the dog had never returned for its second dose vaccination, the Suspected leptoproises. Antibloic and fluid treatment started. Blood tests showed hepatopathy. Serology negative for leptospirosis. No more information expected.	Old English Sheepdog	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml 1 Dose (07/08/2015- 07/08/2015-BR-> RR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Dose (07/08/2015-07/08/2015) >BR>	·	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04486	United Kingdom	Animal			30/06/2015		1	1 0		Yes, <b R> Not Known</b 	·	Not Known	Suspected lack of efficacy, Lethargy, hypoglycaemia, anorexia, emesis and diarrhoea 3 months post 2nd dose vaccination. Snap tests positive for Parvovirus. Treated with fluids, buprenorphine and antibiotics. No further information.	Not Applicable	15.5	Nobivac DHP - 1,N/A,N/A, 10,1 ml (30/06/2015- 30/06/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,WA, 10,1 ml (30/06/2015- 30/06/2015) 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04487	United Kingdom	Animal	Canine/dog	12 Week(s)	30/09/2015	05/10/2015	1	1 0	30/09/2015	Yes, Yes	Swollen eye, Swollen face (see also 'Skin'), Swollen mouth	No Data	Perioribital oedema, stomatitis and allergic facial oedema within 1 hour of Nobvac DHP and L4. Treated with anti-histhamines, recovered. No further information expected.	Chihuahua	1.7	Nobivac DHP - 1,N/A,N/A,24,1 Dose (30/09/2015- 30/09/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (30/09/2015- 30/09/2015) 	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-04497	United Kingdom	Animal	Canine/dog	7.11 Year(s)	03/10/2015	08/12/2015	1 1	0 03/10/2	R> No	openia, Tachycardia, Jrypersalivation Jiarrhoea, Bloody diarrhoea, Vomitting, Unable to standr, Collapse (see also 'Cardio- vascular' and 'Systemic' disorders'). Hyperthermia Jrypother inja. Depression, Ahoromal test result, Nausea, Jrypoalbuminaemia, Jr yperglycaemia, Elevated BUN, Elevated SAP, Ahoromal ultrasound finding, Increased oxyredr cell willowing (FCV).	Other	Emesis and diarrhorea within 24 hours post vaccination. Collages, hypothermia, tachycardia and dehydration the next day. Treated with fluids. Henorrhoriage (anrhoeal later the same day. Treated with Zartac and Cerenia. Lethargy the next day. Treated with Colvasione. Improvement but unable to waitil. Blood tests showed hyponatreamine, eleveted urea, hyperglycemias. Ultrasound showed dilated intestinal loops. Naueae and hyperallwatton when offered food, further haemorrhage diarrhoea. Further blood tests showed hymphoreamic and hypopalloumisemia. Bloods 2 months later: hymphocytosis, edinopenia, hyposilloumineemia, hepatiopathy (elevated ALP). Faecal examinations negative. Nothing further especied.	Crossbred	6.9	Noblac DIP - 1.W/A.NA, 1.0.1 ml (03/10/2015- (03/10/2015-) RRP-Noblac L4 Suspension for Injection for Dogs-1.N/A.N/A.1.0.1 ml (03/10/2015- (03/10/2015-) RRP-NBR-Noblac NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04578	United Kingdom	Animal	Canine/dog	6 Year(s)	29/09/2015	08/10/2015	1 1	0 07/10/2	015 Yes, < R> Ye		No Data	Injection site abscess, pyrexia, lethargy and lameness 9 days post vaccination. Abscess was lanced and drained and NSAID and artibiotics treatment started.	Labrador Retriever	28.8	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (29/09/2015- 29/09/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (29/09/2015- 29/09/2015/BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04595	United Kingdom	Animal	Canine/dog	2 Month(s)	28/09/2015	09/10/2015	1 1	0 05/10/2	Page State of the	a Tachycardia,Loose stool,Joint t pain,Metaphyseal osteopathy,Tachypnoea,Decreased appetite,Pyrexia,Muscle weakness NOS,Stiffness limb,Abnormal radiograph finding	Not Known	Anorexia and diarrhoes starting 5 days post vaccination and shortly after the dog was running around house and fell one. Milleman has been disgeneed at the time of vaccination but it surknown (first was administered. Muscle stiffness, muscle weakness, tachycardia, prossal, joint pain on hip extension and left elbow settension noted on examination 2 days later. Treated with NSAID an artibiotics leading to improvement in temperature. Improvement over the next 2 days but pain still ongoing in Naja and ebbow. Saidopapsh were seaflester of metaphyseal oxide postpapsh were seafler of second opinion and periosteal cuffing of the growth plates in several long bones was noted.	German Shepherd Dog	8.7	Nobivac DHP - 1,N/A,N/A,10,1 ml (28/09/2015- 28/09/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/09/2015- 28/09/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04615	United Kingdom	Animal	Canine/dog	12 Year(s)	01/10/2015	12/10/2015	1 1	1 01/10/2	015 Not Known	Diarrhoea, Death	Not Known	Diarrhoea and death within 24 hours post vaccination. No PME, no further information expected.	Cavalier King Charles Spaniel	10.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/10/2015-01/10/2015) 	O1 - Inconclusive	Clinical sign of diarrhoea may be seen post vaccination in anaphylactic or hypersensitivity reactions. Death is not expected but could represent worsening of a reaction. Product cannot be excluded as a factor in the signs seen.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04625	United Kingdom	Animal	Canine/dog	11 Week(s)	29/09/2015	10/12/2015	1 1	0 02/10/2	Not Known, BR >BR>BR>CBR Not Known		Not Known	Ataxia 9 days post vaccination. Treated with Dronat the following day, Bloods 4 days later showed anaemia (non regenerative), hyperphosphataemia, hyperglycaemia, hypoproteinaemia, hypoglobulinaemia (chunge in blood protein), Negative Neospora antibodies. The dog had proprioceptive deflicts at this stage. CSF tap: mononuclear pheocytosis, negative for Toxoplasma. MRI: mild cerebral ardops). 4 days later negative for neuronal ceroid lipofusciosis. Second vaccine with Nobivac DHPPI and Nobivac L4-see case 2015-UK-05678. No further information expected.	Border Collie	6.7	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (29/09/2015- 29/09/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04626	United Kingdom	Animal		10.3 Year(s)	,,,,,	12/10/2015	1 1		Not Known, <bi > <br Yes</br </bi 	Lack of efficacy	No Data	Supperted lask of efficacy. PCR positive for Legiologicals. Clinical signs started within 2 weeks of vaccination. No stroin was detected, treated with 3 weeks of doosycycline. Respect testing urine and blood is now negative for Legiologicals. Other dog in house vaccinated with Noblwac L4 and also positive Lepto-see linked case 2015-UK-06627. Nothing further expected.	West Highland White Terrier		Nobivac DHP - 1,N/A,N/A ,10,1 ml (27/07/2015- 27/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (27/07/2015- 27/07/2015) 	N - Unlikely	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04627	United Kingdom	Animal	Canine/dog		24/08/2015		1 1	0 03/09/2		Lack of efficacy	No Data	with 3 weeks of doxycycline. Blood results currently negative for Leptospirosis. Other dog in household vaccinated with Nobivac L4 (primary vaccine only) and had a positive PCR on blood for Lepto-see linked case 2015-UK-04626. Nothing further expected.	White Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (24/08/2015-24/08/2015) 	N - Unlikely	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04675 GB-NLINTVINT-2015-UK-04692	United Kingdom	Animal	Canine/dog		12/10/2015	14/12/2015	1 1		015 Not Known	Seizure NOS	Not Known	Convulsions on the same day post 2nd dose vaccination. Treated with Diazepam, outcome unknown. No further information.	English Toy Terrier	6.9 Not	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (12/10/2015-12/10/2015) 	O - Unclassifiable/unassessa ble O1 - Inconclusive	NCA agrees with the MAH assessment.
		United Kingdom	Animai	Canine/dog	7 - 8 Week(s)	14/10/2015		17 17		No, <br≻gr> R≻GR>No</br≻gr>		Other	17 pupples vancenated with Nobbac DHP and L4 and microchipped, 2 of the pupples were unwell at vanceination. Injection site paint a vaccination in 12 of 12 pupples and vacalisation in all 17 pupples that evening. Death in 1 pupply owernight. 2 days post vaccination death in 1 further pupply and 2 further pupples unwell (malaise). Treatment for suspected distemper. Death in one further pupply 5-6 days post vaccination and a further 3 pupples unwell (malaise). 12 pupples remain clinically normal. PMR results expected. Immunohistorisemstry results showed scart virus which could indicate vaccination but it does not rule out-field infection. No evidence of distenser found on further samples. This IPMR report states death following lymphocytosis and hyperacute enteritis caused by multiple factors including stress of bacterial overgrowth.	Scottish t Terrier	Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (14/10/2015- 14/10/2015) <rr>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (14/10/2015- 14/10/2015) - </rr>	O1 - inconclusive	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-04693	United Kingdom	Animal	Canine/dog	Week(s)	25/09/2015	15/10/2015	1 1		915 Yes, Ye	B Loose stool,Vomiting,Death,Anorexia,Lett argy (see also Central nervous system depression in "Neurological"),Pyrexia,Dehydration Abnormal stool colouration,Diarrhoea	No Data	Emesis, Giarrhoea, letharge, anorexia, dehydration within 4 days of vaccination. Treated with antiemetics, antiads, antielarnoeas, and rehydration sanches. Freemetin again the same day with continued emesis, abnormal (pink) stool colouration, hyperthermia, owner declined further investigation. Owners were unsure if foreign body eaten. The following day the dog died at home. Nothing further:	Jack Russell Terrier	0.94	Nobivac DHP - 1,N/A,N/A,N/A,1 Dose (25/09/2015- 25/09/2015\sRR> <rp>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (25/09/2015- 25/09/2015\sRP><8R></rp>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04701	United Kingdom	Animal	Feline/cat	5 Year(s)	15/10/2015	04/01/2016	1 1	1 16/10/2	015 No	Sudden death	Unauthori sed species/s pecies sub group	Sudden death 24 hours post off-label vaccination and shortly after owner was trying to place unknown eye drops into cats eyes. No further information received.	British	5.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/10/2015-15/10/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04730	United Kingdom	Animal	Canine/dog	11 Year(s)	12/10/2015	16/12/2015	1 1	0 14/10/2	015 No	Pyrexia Abnormal text result, Shvering, Elevated liver enzymes, Hyperigo, aemia, Elevated BUN, Elevated creatinine, Elevated lapsae, Injection is swelling, Injection is the ain, Anaemia, NOS, Thrombocytopenia, Neutrophil in, Decreased appetita, Letharry (set also Central nervous system depression in 'Neurological')	Other	Anorenia, lethragy, injection site swelling, muscle tremons, pyresia and injection site pain 2 days post vaccination, vaccine was administered realizing from finding - treated with fluids. Jancent, Vetergrest and ranktidine. Plat of lump showed cocci and generated neutrophils and therefore and injection site abscess was diagnosed. Blood tests showed elevated renal parameters, heaptacidy, hypergly-camina, elevated lipase, anaemia, leucocytosis and neutrophilia. Treated with antibiotics and Tramadol. No further information.	English Cocker I Spaniel	8.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 mil (12/10/2015-12/10/2015)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GB-NLINTVINT-2015-UK-04740	United Kingdom	Animal	Canine/dog	4 Year(s)	11/08/2015	16/10/2015	1 1	L O	27/08/2015	Yes, <b R> Yes</b 	Skin lesion NOS,Decreased appetite,Congested mucous membrane,Pyrexia, Weight gain,Cutaneous oedema, Not eating,Abnormal test result,Nasal congestion,Stiffness NOS,Swollen lymph node,Hyperglycaemia,Hypoglycaem ia,Elevated AlT,Elevated	No Data	Lameness, stiffness, aggression, adipsia, anorexia, injection site lump, joint pain within 16-18 days post vaccination. Treated with NSADI/analgesics. Over the following week went completely lume left hind anorexia, adipsia, not unitaritie of defeatening, improved on whitehaval of NSADIs, however lameness progressed to left fore, hip pain, joint effusion on both hocks, both ellows painful, hyperthermia, lymphadenists. So superted imnume mediated disease, treated with NSADIs, natigettics and antibiotics. Bloods showed lymphopenia, hypoglycaemia, treated with NTAT, antibiotics, analgesics and SADIS. NEgather for lymes Disease. The following week, presented with pstifting odermia (cold est skin oedema) of lower limbs, cough, dull, generalised hymphadenopathy, no bacteria detscred from joint aspirates, Remantiol factor negative and antinuclear antibodes negative. Civological findings to consider the color of t	t Not Applicable	≥ 20	Nobivac DHP - 1,N/A,N/A, 10,1 ml (11/08/2015- 11/08/2015-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (11/08/2015- 11/08/2015)-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
												SAP Abnormal radiograph finding. Cutaneous calcinosis, Dull Platelet disorder NOSJ.njection site ump. Aggression. Leucocytosis, Lymphocytosis, Lymphopenia, Neutropenia, Autymphadenopathy, Tachycardia, Hypersaliwation, Vomitting Retching, Not drinking, Joint efficision, Polysyrthritis, Joint pain, Lameness, Cystitis, Tachypnoea, Crush Pistilise.		consistent with moderate inflammatory arthropathy and immune mediated polyarthritis is most likely, upmobil reactive hyperplasia likely to be secondary to the proposed immune mediated disease. Started treatment with immunosuppressants. 5 days later, recking, hypersalivation, emesis, anorexia, rinhitis/regurgation, hypersalivation, recting, weight loss, hymbolycrosis, neutrophilia, thrombooytopenia, elevated SAP. Treated with IVTm antiemetics, antibiotics, anracids- started to settle overrigith owner following date deteriorated with congested musous membranes. Over following 2 days, semed brighter, sent home with antacids and antibiotics, immunosuppressants we withdrawa. 3 days later developed partiales down all limits, and over face, continuous emesis field, hyperplycaemia, eosinophilia, elevated SAP/ALR, hyperthermia, mild stiffness, emesis continued over following few days. Referral confirmed polyarthritis & calcinosis cutis.	e				
	GB-NLINTVINT-2015-UK-04755	United Kingdom	Animal					1 1	L O		Yes, <b R> >Yes</b 		No Data	Dog diagnossed with parvovirus 5 days post vaccination. Treated with fluids, Interferon and supportive treatment. Diagnosis method unknown and outcome unknown.		12	Nobivac DHP - 1,N/A,N/A,10,1 ml (04/10/2015- 04/10/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/10/2015- 04/10/2015) 	N - Unlikely	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04758	United Kingdom	Animal	Canine/dog	2.8 Year(s)	03/10/2015	19/10/2015	1 1	L O	05/10/2015	Yes, 	Aggression.Behavioural disorder NOS,Anzemia NOS,Trombocytopeia,Neutrophil ap Ple mucous membrane,Vomiting,Other immune system disorder NOS,John feltusion,Memingtis,Atania,Lethargy (see also Central nervous system depression in "Neurological"],Reluctant to move-Pyresia,Ahormal test result,Stiffness NOS	Other	Change in behaviour including aggression, lethargy, ataxia and emeist 48 hours post vaccination. Previsal noted on examination 4 days later. Blood tests showed anaemia, leucoryoxis and neutrophilia. Dog was referred. Stiffness, prevais, pale mucous membranesm stiff galt and joint efficience of the hock joints on examination the next day. Treated with paracetamion, methations and fluids. Albumin cytologic dissociation within the CSF and mild changes in joint taps noted. Suspected immune mediated meninglist. Treated with prednisolone.	Border Collie	19.8	Noblac DIP - 1.N/A/N/A (3.1 ml (93/10/2015) 03/10/2015; BRR-SBR-Noblack K - 4.N/A/M - 1.0.0.4 ml (03/10/2015) 03/10/2015; BRR- <br-noblacc l4<br="">Suspension for injection for Dogs 1.N/A/M - 1.0.1 m(23/10/2015) 03/10/2015; BRR- </br-noblacc>	B - Possible	NCA agree with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04762	United Kingdom	Animal	Canine/dog	10 Week(s)	12/10/2015	19/10/2015	1 1	. 0	14/10/2015	Yes, <b R> >BR>Not Known</b 	General illness	Not Known	Panovirus diagnosed 2 days post vaccination. Treated with fluids and supportive treatment. No furthe information.	er Labrador Retriever	4	Nobivac DHP - 1,N/A,N/A,10,1 ml (12/10/2015- 12/10/2015) BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/10/2015- 12/10/2015>BR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04808	United Kingdom	Animal	Canine/dog	12 Year(s)	10/09/2015	02/02/2016	1 1	i o	22/09/2015	Not Known	Leucoryosis, Neutrophila, Aural haematomas, Estemali ear disorder NOS. Keratitis, Weight loss, Abnormal test result, Pemphigus foliaceus, Generalised tiching, Hair loss NOS, Poor cost condition, Sain sob, Elevated amylase, Dermal mass, Anaemia NOS	Not Known	Dermal mass noted on the 12 days post 2nd does vaccination and also Malassesia diagnosed. Mass was removed and NASID and antibotic retearment started, so were also flushed out and ear drops administered. Aural haematom of both ears noted 1 week later, treated with further antibotics. Pro- body condition, weight loss and scabs and crusting on the ears noted 10 days later. Treated with fluids and antibotics. Blood tests showed elevated amylase, leucocytosis, neutrophila and anaemia. Swab and biopoles of ears were taken showing chronic active dermatitis with a possible underlying allergy. Treated with continectoriosis and antibiotics. Dogs ears were improving but owner blamed vaccination Vet suspects auto-immune reaction. Continued skin problems with alopscib, skin scabs and pruritur reported. I month later. Owner has reduced predisiolone does and is using afternative therapies. Kerattis of the eyes noted, owner is using Pred Forte eye drops. Vet suspects pemphigus foliaceus and marked ear droses.	English Springer or Spaniel	19.8	Nobivac L4 Suspension for Injection for Days - 13/NA/N, 10.11 ml (10/09/2015-10/09/2015) doi.org/10/9/2015-10/09/2015)		

NOBIVAC L4	GB-NLINTVINT-2015-UK-04932	United Kingdom	Animal	Canine/dog	12 Month(s)	01/11/2014	28/10/2015	1 1	0 24/08/2015	Yes, Yes R> Yes	Skin lesion NOS,Loss of condition,Crust,Abnormal test result,Exocrine pancreatic insufficiency,Increased bowel movements (frequency)	No Data	Skin cust on top of head within 10 months of vaccination. No treatment given. I month later, loss of condition, increased lowed inovernents, skin lesion worsened, bloods showed exocrine pancreatic insufficiency. Started treatment with Lypase. Nothing further expected.	Jack Russell Terrier	5.2	Nobivac DHP - 1,N/A,N/A,24,1 Dose (01/11/2014- 01/11/2014):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (01/11/2014- 01/11/2014\rightarrows-RR>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04949	United Kingdom	Animal	Canine/dog	2 Year(s)	22/10/2015	30/10/2015	1 1	0 24/10/2015	Not Known,
BR> Yes, <br R> No</br </br 	Vocalisation,Crying,Low platelet count, Eosinophilia, Vomiting, Not drinking, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Abnormal test result	Other	Emeis, Jethargy, anorexia, adipsia, crying, vocalisation, hyperthermia starting within 48 hours of vaccination. Treated with NSAIDs and antibiotics, IVFT. Bloods showed mild thrombocytopenia, increased haematocrit (coded as abnormal test result), recovery after 6 days. No further information.	Crossbred	20.9	10/11/20/14/cskt-cskt- Clavasepin 250 mg Palatable Tablets for Dogs - N/A.N/A,N/A N/A.N/A (N/A- N/A.N/A (N/A- N/A.N/A, 10.0.4 ml (22/10/2015- 22/10/2015)-BRRB-Noblovac L4 Suspension for Injection for Dogs - 1.N/A.N/A, 10.0.1 ml (22/10/2015- 22/10/2015)-BRBR-NBN-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2015-UK-04955	United Kingdom	Animal	Canine/dog	10 Year(s)	26/10/2015	29/10/2015	1 1	0 27/10/2015	Yes	General pain (see other SOCs for specific pain),Localised pain NOS (see other 'SOCs' for specific pain),Acting tense,Knuckling,Slow reflexes	No Data	General pain (sudden onset), localised pain (neck), acting tense, slow reflexes, knuckling within 24 hours of vaccination. Treated with NSAIDs and analgesia. Vast Improvement within 2 days. Nothing further expected.	s Dalmatian	38.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (26/10/2015-26/10/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-04978	United Kingdom	Animal	Canine/dog	2.3 Month(s)) 26/10/2015	29/12/2015	1 1	0 27/10/2015	Yes, <b R>BR>Yes</b 	Depression,Abnormal test result,Hypoalburninaemia,Hypoprot einaemia, Acaemia,Dull,Anaemia NOS,Leucopenia,Dilarrhoea,Haemorhagic diarrhoea,Vomitting,Inappetence,Lethargy (see also Central nervous system depression in "Neurological")	No Data	Emeis 24 Nour pout vaccination, diarrhoea the next day, Lethary noted on examination. Treated symptomatically, per larcher admixed and lethargy the next day but he meists had stopped. Treated with fluids, antibotics, probiotics and cerenia. Haemorrhagic diarrhoea the next day, Blood tests showed hypoabluminemia, low SUN, for veratinien, hyposperianemia, anemia and leucopenia. Lethargy and anonexia and azotaemia the next day. Further treatment given, Vet suspects Parvo. No further information.	Other Canine/dog		Nobiwac DHP - 1,N/A,N/A,24,1 Dose (26/10/2015-26/10/2015-BR>>BR>Nobiwac L4 Suspension for Injection for Dogs - 1,N/A/M, 24,1 Dose (26/10/2015-26/10/2015) BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04982	United Kingdom	Animal	Canine/dog	5.7 Year(s)	30/09/2015	02/11/2015	1 1	0 30/09/2015	Yes	Seizure NOS	No Data	Increase in seizure frequency within an unspecified period post vaccination. The dog is epileptic and currently treated with Phenobarb and potassium bromide. No further information provided.	Staffordshire Bull Terrier	21	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (30/09/2015-30/09/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-04984	United Kingdom	Animal			28/10/2015		1 1	0 28/10/2015		Seizure NOS	No Data	Increased seizure frequency within an unspecified period post vaccination. The dog is epileptic and on Phenobarb and potassium bromide treatment. No further information.	Bull Terrier		for Dogs - 1,N/A,N/A ,24,1 Dose (28/10/2015-28/10/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05012	United Kingdom	Animal	Canine/dog	14 Month(s)	03/11/2015	03/11/2015	1 1	0 03/11/2015	Yes, <b R> Not Known</b 	Diarrhoea, Vomiting, Urticaria	Not Known	Ernesis, diarrhoea and urticaria 30 minutes post vaccination. Treated with steroids and antihistamine leading to improvement.	Jack Russell Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (03/11/2015- 03/11/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05037	United Kingdom	Animal	Canine/dog	3 Month(s)	02/11/2015	03/01/2016	1 1	0 02/11/2015	Yes, <b R> No</b 	Diarrhoea,Vomiting,Inappetence,Of f colour,Weight loss,Dehydration	Other	Ermeis and ancresia within 5 hours of Noblace DH and Noblace L4 vaccination. The puppy lad been improved from Ermeis Tuppe and that a rables vaccine previously. The owner had another puppy improved from the puppy that another puppy with the province of the puppy and the province of the	Other Canine/dog	1.98	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/11/2015- 02/11/2015): BR>< BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/11/2015- 02/11/2015\= BR>< BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05051	United Kingdom	Animal	Canine/dog	3 Month(s)	23/09/2015	04/11/2015	1 1	0 25/09/2015	Yes, Yes	Blepharitis,Conjunctivitis,Lameness, Lump,Eye inflammation NOS,Other ear disorder NOS,Enlarged lymph nodes (generalised),Juvenile cellulitis (puppy strangles)	, No Data	Enlargement of a pre-existing infection of the mebiomian gland noted 2 days post vaccination. Antibiotics were dispensed at the time of vaccination. Punulent conjunctivitis, blepharitis also noted. Treated with NSAUS and topical antibiotics. Ears were cleaned by ver furse the next day. Multifocal lumps on the pinnae and hymphadenopathy 3 days later leading to the submandibular lymph node bursting. The area was clipped and cleaned, lameness and stiffness of the right handle gas no noted. Confirmed as puppy strangles. Treated with steroids. Complete recovery 2 weeks later.	Crossbred		Nobivac DHP - 1,N/A,N/A,10,1 ml (23/09/2015-23/09/2015) Suspension for Injection for Dogs-1,N/A,N/A,10,1 ml (23/09/2015-23/09/2015) SBR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05063	United Kingdom	Animal	Canine/dog	Not Known	07/10/2015	04/11/2015	7 1		Yes, <b R> >Not Known</b 	Death	Not Known	Death of ne out of 7 paps 48 hours post vaccination. The puppy was described as poor deer prior to vaccination. No PM was carried out. Another puppy from the same litter, developed ascrise and a liker problem and died an unspecified period following 1st dose vaccination 2.5 weeks prior to this.	Other Canine/dog		Nobivac DHP - 1,N/A,N/A,10,1 ml (07/10/2015- 07/10/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/10/2015- 07/10/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05069	United Kingdom	Animal	Canine/dog		29/10/2015		1 1		Yes, Yes	Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Lack of efficacy,Abdominal pain,Diarrhoea	No Data	Suspected lack of efficacy/SAR. Diarrhoea, lethargy, anorexia, hyperthermia, emesis, abdominal pain, within 5 days of vaccination. Treated with IVFT, antibiotics, analgesics. Tested positive for parvo virus on snap test. No further information.	Cavalier King Charles Spaniel		Nobivac DHP - 1,N/A,N/A,10,1 ml (29/10/2015- 29/10/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (29/10/2015- 29/10/2015) 	·	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-05078	United Kingdom	Animal	Canine/dog		23/07/2015	13/11/2015	1 1	1 30/10/2015	Yes, Not Known	Lack of efficacy, Death	Not Known	Suspected lack of efficacy: diarrhoea, emesis approximately 2.5 months post vaccination with Nobwac Land OPIPA, dimited for treatment. Previsa in the day of damsision. Heamornizing claimfonce the following day and positive SNAP pance test: Lethrary and abdominal pain developed, treatment with Memolination, (augmentin, Vetergesic the day after admission. Bloods showed hymphopenia and Igio positive for pance. Death 2 days later. Faecal PCR negative for Parvo virus antigen. PME declined by owner. No further information.	English Springer Spaniel		Nobivac DHP - 1,N/A,N/A,10,1 ml (23/07/2015- 23/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/07/2015- 23/07/2015) 	N - Unlikely	NCA agrees with MAH assessment.
	GB-NLINTVINT-2015-UK-05108	United Kingdom	Animal		10 Week(s)		17/11/2015	1 1		Yes, Not Known	Diarrhoea, Vomiting, Not eating	Not Known	Emesis and diarrhoea 24 hours post vaccination. Treated with Cerenia and sentitivity diet. Anorexia and continued diarrhoea the next day. Treated with fluids and supportive treatment. Full recovery 10 days later.	Border Collie		Nobivac DHP - 1,N/A,N/A,10,1 ml (04/11/2015- 04/11/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (04/11/2015- 04/11/2015) 	B - Possible	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05132	United Kingdom	Animal			01/08/2015		1 1		Yes, <b R>BR> Yes, BR> Known</b 	Constipation,Bloody diarrhoea,Enteritis,Vomiting,Polydi psia,Anorexia,Inappetence,Off colour,Abnormal test result	Not Known	Anorexia, polydgoia, constipation, prevais and full anal glands 2 days post vaccination. The dog had a general namesthet, and grass seed errowed 4 days prior to excination and was propried to be lethargic and develop diarrhoea following the anaesthetic. The dog was treated with NSAIDs 2 days post vaccination. Malaise, emeis and haenorinsegic durinhese the red by, Treated with flusic, artificiotics, Tempid, Rantitides and Omegrazole. Lethargy and anoreas the next day. Radiographs showed enteritis. No improvement to the next day with further haemonrhagic diarrhoea noted the next day. Some improvement noted the day after this, dog sent home 3 days later. Facel sample results showed enterococcus. The dog was revaccinated 20 days later - see linked case 2015-UK- 05133.	English Springer Spaniel		Nobivac DHP - 1,N/A,N/A,10,1 ml (01/08/2015-01/08/2015-01/08/2015)-BR> Nobivac KC - 4,N/A,N/A ±0,0.4 ml (01/08/2015-01	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05145	United Kingdom	Animal	Canine/dog	12 Week(s)	09/11/2015	10/11/2015	1 1	0 09/11/2015	Yes, <b R> Not Known</b 	Swelling around eye,Lip oedema (see also 'Skin')	Not Known	Allergic ordema of the eyelids and lips within 1 hour post 2nd dose vaccination. Treated with steroids and antihistamines leading to recovery by the next day.	Crossbred		Nobivac DHP - 1,N/A,N/A,10,1 ml (09/11/2015- 09/11/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (09/11/2015- 09/11/2015) 	B - Possible	NCA agrees with the MAH assessment.

	GB-NLINTVINT-2015-UK-05147	United Kingdom	Animal	Canine/dog	2 Month(s)	06/11/2015	30/11/2015	1 1		LS Yes, SR> Not 	neurological disorder, Diarrhoea, Adipsia, Head pressing, Seizure NOS, Anorexia, Hypothermia, Letharg y (see also Central nervous system depression in 'Neurological'), Off colour, Dehydration	Not Known	Malaise and lethargy within 24 hours post vaccination followed by improvement. Puppy was noted to have dome shaped head and pers findines at the time of vaccination. Distrince, annoresia and adapsion noted 2 days later followed by consulsions. Head pressing, someolence and hypothermia noted on examination. Owner refused hospitalisation, so Cerenia administered. Lethargy and dehydration later the same day. Vet advised fluids but owner refused. Outcome unknown, no further information.			Nobixac DHP - 1,N/A,N/A, 10,1 ml (06/11/2015-06/11/2015)=RR>-RR>-Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (06/11/2015)=RR>-RR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05204	United Kingdom			9 Year(s)	29/10/2015	13/01/2016	1 1		15 Not Known	Polyuria, Lethargy (see also Central nervous system depression in 'Neurological'), Glucosuria, Inapprop riate urination, Diabetes mellitus, Polydipsia	Not Known	Lethargy within 24 hours post vaccination. Polydgisla and polyuria noted 10 days later. Glucosuria noted on examination. Sedated to take blood sample but results not provided. Dog is very difficult to examine and aggressive. Vet suspects diabetes melitus. No further information.	Tibetan Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (29/10/2015-29/10/2015) 		NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05246	United Kingdom	Animal	Canine/dog		11/11/2015	16/11/2015	1 1	0 11/11/20:	R> Not Known	Distress,Rectal bleeding,Diarrhoea,Blood in vomit,Pain NOS	Not Known	Haematemesis, rectal haemornhage, diarrhoea, anuelty and pain à flours post vaccination. Treated with Cerenia, antibloric, Caralur and lettade, outcome unknown, Followus jindramation stated that the dog had emesis and not haematemesis and diarrhoea and no rectal haemorrhage. On examination the abdomen was relaxed and non-painful.	English Toy Terrier		Nobivac KC4,N/A,N/A ,10,0.4 ml (11/11/2015- 11/11/2015) SBR> Nobivac L4 Suspension for Injection for Dogs - 		NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05286	United Kingdom		Canine/dog		13/11/2015	04/01/2016	2 1	0 15/11/20:	Known, SR ×BR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-V	NOS.Inappetence.Lethargy (see also Central nervous system depression in 'Neurologica'l), Dehydration Albon 'Neurologica'l), Dehydration Albon an Itest result. Elevated liver enzymes, Blood in urine. Elevated BUN, Elevated creatinine, Elevated AT.T.elevated total bilirubin, Decreased packed cell volume (PCV), Elevated gamma- glutamy it ransferase (GGTI Monorporiss)	Not Known	Anorexia and lethargy 2 days post vaccination and concurrent deworring with Drontal (assumed to be Drontal Plus Hauvo bore shaped tablest). Emesis, hementaria also noted. Treated with antibiotics and NSAIDs. Further emesis and anorexia the next day, dehydration noted on examination. Blood tests showed delevated real parameters, Peoplopathy, amenis, next prolifying, monor, post thrombooytoppenia. Referred and feeding tube placed, Lab tests showed PCR urine positions to but blood is RR negleties, also negative on servour pane. Defenorated, convisions started, was referred and feeding tube values placed. Improvement made, PCR urine positive for teptosprosis and blood PCR is negative, negative on servour pane. Delevative of section of blood PCR is negative, negative on servour pane. It most hip out source: clinically well but jurindiced. MMT results show t Copenhagent 1.400, L Canicola 1.1100 and all the rest were negative.	Labrador Retriever		Orontal Plus Filavour Bone Shaped Tablets - MA,NA/M,2 A21, DOS (13/11/2015- 13/11/2015-BRBR-Nobivac DHPP-1.1M/AN/M, J.0.1 mt 113/11/2015-BRBR-Nobivac L4 Suspension for injection for Dags- 13/14/2015-BRBR-Nobivac L4 Suspension for injection for Dags- 13/14/M,3 10.1 mt (13/11/2015- 13/11/2015)-BRBR-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05287	United Kingdom	Animal	Canine/dog	13.8 Year(s)	10/10/2015	19/11/2015	1 1	0 23/10/20:		Abnormal test result, Elevated ALT, Elevated SAP	Not Known	Elevated ALT and SAP and patches of hypoechogenicity on liver ultrasound 2 weeks after 1st dose vaccination and treatment with Noroccidy of the treatment or 3 dential absects. The dogs had elevated liver values prior to vaccination but these had increased further following vaccination. Linked to another case 2015-uk-05288.	Other Canine/dog	10.8	Nobiac DHP - 1,N/A,N/A, 10,1 ml [10/10/2015-10/10/2015)-RR>-RR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml [10/10/2015-10/10/2015)-RR>-RR>-Noroclav Injection for Cattle and Dogs - N/A,N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-Noroclav Injection for Cattle and Dogs - N/A,N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-Noroclav Injection for Cattle And Dogs - N/A,N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-Noroclav Injection for Cattle And Dogs - N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015-10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015)-RR>-RR>-NOROCLAW - N/A,N/A,N/A (10/10/2015)-RRP>-RR-NOROCLAW - N/A,N/A,N/A (10/10/2015)-RRP>-RR-NOROCLAW - N/A,N/A,N/A (10/10/2015)-RR-N/A,N/A (10/10/2015)-RRP-N/A,N/A (10/10/2015)-RRP-N/	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05288	United Kingdom	Animal	Canine/dog	13.8 Year(s)	07/11/2015	19/11/2015	1 1	0 11/11/20	15 Not Known	Weakness, Malaise, Proteinuria, Hae maturia, Hyperphosphataemia, Eleva ted BUN, Elevated creatinine, Elevated ALT, Elevated SAP		Haematuria and proteinuria 4 days post 2nd dose vaccination. No crystals noted on urine examination. The dog had pre-existing hepatopathy and a dental abscess and a history of inappropriate urination. Further artibiotics were dispersed and Denamarin was withdrawn. Further lethargy reported 2 days later. Admitted for oterial treatment the next day and blood tests taken at this time showed hyperphosphatemia, further elevation of the enzymes and rean isunfficiency, which was not evident in earlier blood tests. See linked case for details of case history following 1st dose vaccination - 2015- INS-7527.	Other Canine/dog	10.8	8 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/11/2015-07/11/2015) - BR> - RP>	O - Unclassifiable/unassessa ble	Many of the signs were pre-existing however, blood tests done prior to 2nd dose vaccination did not show any renal insufficiency and the role of vaccination in this cannot be ruled out.
	GB-NLINTVINT-2015-UK-05298	United Kingdom	Animal		13 Week(s)		19/11/2015	1 1		R> Yes	'Skin'),Itching,Pruritus,Conjunctival irritation,Allergic pruritus		Pruttus, Isking and chewing feet within 12 hours post vaccination followed by allergic oedern of the face and muzzle. Pale mucous membranes also noted. Treated with antihistimus leading to improvement. Conjunctivitis noted on examination 2 days later but otherwise recovered.	English Cocker Spaniel	3.26	Nobivac DHP - 1,N/A,N/A,10,1 ml (17/11/2015- 17/11/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/11/2015- 17/11/2015) 		NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05338	United Kingdom	Animal	Canine/dog	8 Week(s)	19/11/2015	23/11/2015	1 1	0 19/11/20:	IS Yes, <er> Yes</er>	Tachycardia, Swelling around eye, Allergic oedema, Depression, Oedema NOS (see other SOCs for specific oedemas)	No Data	Allergic oedema of the face and around the eyes, lethargy and tachycardia 2 hours post vaccination. Treated with corticosteroids and fluids leading to full recovery 2 hours later.	Crossbred	5.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (19/11/2015- 19/11/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/11/2015- 19/11/2015\cBR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05420	United Kingdom	Animal	Eanine/dog	4.5 Year(s)	18/11/2015	27/11/2015	1 1	0 25/11/20:	15 Not Known	Polyuria,Polydipsia,Decreased appetite,Weight loss,Decreased packed cell volume (PCV)	Not Known	Weight loss, polydipsia, polyuria and anaemia 1 week post 2nd dose vaccination. Unknown if any treatment given, outcome unknown.	English Pointer	17.7	7 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (18/11/2015-18/11/2015)	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GB-NLINTVINT-2015-UK-05422	United Kingdom	Animal	Canine/dog	14 Month(s)	26/11/2015	27/11/2015	1 1	0 26/11/20:	R> Yes < BR>< Known	Pale mucous membrane, Vomiting, Facial swelling (see also 'Skin'), Tachypnoea, Weakness, Hives (see also 'Skin')	Not Known	Emesis, lithrage, pale mucous membranes and tachypnoes immediately post vaccination. Treated with outgen and Colosace leading to recovery 30 minutes later, Allegic operiors of the face and urticaria noted a few hours later. Treated with antihistamines leading to recovery by the next day.	n Pug		Nobivac DHP - 1,N/A,N/A,10,1 ml (26/11/2015) 26/11/2015 SB> Nobivac KC - 4,N/A,N/A,10,0.4 ml (26/11/2015- 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05425	United Kingdom	Animal	Canine/dog	14 Month(s)	24/11/2015	01/03/2016	1 1	1 25/11/20	Known,
 > </br 	membrane, Diarrhoea, Not drinking, Lameness, Ataxia, Collapse	Other	sethateg, anoresia, adigisia and disinrhose 24 hours port vaccination and Millemas administration a few hours after vaccination. Anoresia, adagoia and lethategy alto gonging the next low, pyrexia, pule mucous membranes, hippersaliwation, tachycardia, miosis, ataxia and pilaenection along the spine noted on examination. Lameness of right hind leg but no pain could be located: Tracted with flush and anti-emetics. Later the same day pyrexia was ongoing, blood tests showed leucopenia and next openia, subcutaneous hamominage and brussing noted over one foreithm and the ventral thorax. A puncture wound was identified. Collapse and euthanassia later the same day. PME was inconclusive. No further information.	Chihuahua	3.2	Milbemax Chewable Tablets for Small Dogs and Pupples - 1,N/A/N/A 24,Unknown (14/11/2015 - 24/11/2015)-BR>-BR>-Nobivac DHP 1,N/AN/A ,10,1 ml (24/11/2015 - 24/11/2015)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A ,10,1 ml (24/11/2015 - 24/11/2015)-BR>-SRP>-	B - Possible	NCA agrees with the MAH assessment

NOBIVAC L4	GB-NLINTVINT-2015-UK-05500	United Kingdom	Animal	Canine/dog	8.1 Year(s)	25/03/2015	08/01/2016	1 1	0 :	27/03/2015	R> Not Known	Non-regenerative anneaus Joarnices Vomiting Hyper cackermia. Use cackermia. Lung cackermia. Lu	Not Known	Skin kumps and pruritus 2 days post vaccination. Treated with antibiotics and controcstenoids leading to come improvement. Skin scaks and pruritus flare up 6 weeks later. Treated with Malaseb. Stiffness of the hips Keweks after this, treatment started with Metacan. Themsis 3 days later. Congested lung sounds, cough and tumbar spine pain 6 weeks later again. Blood tests showed hypercalcaemia, elevated BUN, non-regenerative aneamies and weight loss also noted. Radiographs showed spondyloids. Treated with Foreign-frumenide, Oniorior and Vetmedin. Further weight loss and abdominal mass I month later. Ultracond showed enlarged diviney. Mass at vaccination site. ThA was inconclusive. Lethargy and anoroxia also reported. Treatment with predistolone started. Mass at vaccination alter enrowed and severe chronic parameturis disponed. Treated with Syrailox leading to improvement in injection site mass but dog still continues to lose weight. Diarrhora was additionally reported to have occurred during this time, which resolved within 6 weeks.	D Cavalier King Charles Spaniel	14.6	Nobiwac DHP - 1,N/A,N/A,10,1 ml (25/03/2015- 25/03/2015)-BR-SBP-Nobiwac L4 Suspension for Injection for Dogs -1,N/A/N,A 1,01 ml (25/03/2015- 25/03/2015)-BR-SBP	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05523	United Kingdom	Animal	Canine/dog	1 Year(s)	05/11/2015	03/12/2015	1 1	0 0	05/11/2015	Yes, <b R>BR> Not Known, BR > Yes</b 	Diarrhoea,Vomiting	No Data	Emesis within 1 hour of vaccination, followed by diarrhose, which continued for 2 days with lethargy. No treatment given, full recovery made. Vaccinated again with Nobivac L4 then emesis within an hour (see case 2015-		32	Nobivac DHP - 1,N/A,N/A,10,1 ml (0S/11/2015-0S/12/015/BR~BR>Nobivac KC - N/A,N/A,N/A,N/A,0/S(05/11/2015- N/A)+BRBR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (05/11/2015- 05/11/2015)+BR~BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05524	United Kingdom	Animal	Canine/dog	1 Year(s)	03/12/2015	03/12/2015	1 1	0 0	03/12/2015	Yes	Vomiting,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Emesis and lethargy within 1 hour of vaccination. Previous reaction see related case. Nothing further.	Golden Retriever	32	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/12/2015-03/12/2015) 	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4	GB-NLINTVINT-2015-UK-05608	United Kingdom	Animal	Canine/dog	7.3 Year(s)	24/11/2015	18/01/2016	1 1	0 3	30/11/2015	Yes, <b R> >Not Known</b 	Pyrexia, Injection site panniculitis, Injection site seroma, Injection site erythema, Injection site necrosis, Injection site lump, Injection site pain	Not Known	agection, site lump and hypothermia within 6 days of Nobins C4 and D8P. TNA da not yield material. Treatment with predictionee and printor. J days later: jettled not site particularly aspin, and injection sit seroma. Lump burst releasing serous fluid. General aneasthetic for investigation. Histology and cytology: severe particularly, injection to adjourned process. Culture negative. Outcome organize, Referral after no improvement: Sc mixin enythems and necrosis in the left cervical region with draining tracts. Exhimens of the right exercial region, invases these dand the wound was closed with a drain in place. Hospitalised for suction and analgesia. No evidence of dehicence. No further information.	e	11	Nobivac DHP - 1,N/A,N/A,10,1 ml (24/11/2015-24/11/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/11/2015-24/11/2015)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05612	United Kingdom	Animal	Canine/dog	4 Year(s)	03/12/2015	05/02/2016	1 1	0 (05/12/2015	Known, <br< td=""><td>Abdominal pain,Diarrhoea,Vomiting,Adipsia,An orexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Elevated ALT,Elevated SAP,Elevated lipase</td><td>Not Known</td><td>Lathaugs and emesis 2 days post Notivac Lá and PL 4 days post vaccine: lethaugs and emesis continued, diam'obse developed. Phiscole aemination: administral pain, presis adjoist. Treatment with intravenous fluids, Cerenia, omeprazole, Syrulos and bugernophine. Bloods: hepatopathy (elevated ALT and ALKP), elevated amylase, elevated lipase. No further information expected.</td><td>Weimaraner</td><td>Not Known</td><td>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/12/2015- 03/12/2015)-BR> Nobivac Pi - 1,N/A,N/A ,10,1 ml (03/12/2015- 03/12/2015)-BR> </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment.</td></br<>	Abdominal pain,Diarrhoea,Vomiting,Adipsia,An orexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Elevated ALT,Elevated SAP,Elevated lipase	Not Known	Lathaugs and emesis 2 days post Notivac Lá and PL 4 days post vaccine: lethaugs and emesis continued, diam'obse developed. Phiscole aemination: administral pain, presis adjoist. Treatment with intravenous fluids, Cerenia, omeprazole, Syrulos and bugernophine. Bloods: hepatopathy (elevated ALT and ALKP), elevated amylase, elevated lipase. No further information expected.	Weimaraner	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/12/2015- 03/12/2015)-BR> Nobivac Pi - 1,N/A,N/A ,10,1 ml (03/12/2015- 03/12/2015)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GB-NLINTVINT-2015-UK-05613	United Kingdom	Animal	Canine/dog	8.2 Year(s)	10/10/2015	08/12/2015	1 1	1 2	25/11/2015	Not Known	Injection site abscess,Injection site lump,Inappropriate defecation,Inappropriate urination,Collapse (see also 'Cardio vascular' and 'Systemic disorders'),Respiratory distress,Cough,Death,Inappetence, Cyanosis	Not Known	Injection site lump noted 6.5 weeks post vaccination. Injection site abscess diagnosed, treated with antibiotics and NSUID. Cough noted 2 gas, later followed by anorexia and dyspinoses. No improvement in abscess so changed antibiodics. Sill no improvement 4 days later and anorexia was ongoing. Collapse, unitation, defeation, dyspnoses, cyanosis and death 2 days later despite adrenatine administration, no PME carried out.	Labrador Retriever	38.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (10/10/2015-10/10/2015)-BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-UKDECHRAP-2014-05016	United Kingdom	Animal	Canine/dog	10 Week(s)	01/06/2014	09/11/2016	1 1	1 2	24/06/2014	> Not Known, <br< td=""><td>Corneal oedema, Blue eye, Corneal ulcer, Eye irritation, Pulmonary oedema, Death, Lethargy (see a lso Central nervous system depression in Neurological'), Closed eyelid, Nasal congestion, Swollen eye</td><td>Not Known</td><td>Duplicate case found, case details added from case 2014-UK-02214 Supperted Adverse Reaction Vaccinated with Nobbiac L4 when 7 weeks of age on 1, In 2014. 24 June 2014 Accinated with Nobbiac OHP and Lepto 2 (ELU treatment program not respected) 25 Jun 2014 shouldne yets and lethargic, not earling or opening eyes, irritated by eyes and scratching them. Given Desadreson. 26 Jun 2014 Yes still some and given Furchtiminic. Uticer in right eye noticed and started on Symulox drops. 75 Jun 2014 diece on right eye ruptured and attempted conjunctival flap, but puppy died under general anaesthetic. Availing post morter negror. Case open, Follow up 17 July 2014 - Post morten results showed death due to pulmonary edema. Ob: corneal uticer extends approximately 50% of the way through the cornea with acute inflammatory evudate and hyperplass of the adjusent cornea epithelium with low numbers of neutrophils at the limbus with neovascularisation of the cornea anount the neptidess. Monore letiformation expected.</td><td>Shih Tzu</td><td>1.3</td><td>Canaural Ear Drops, Suspension for Dogs and Cats. N/A.N/A.N/A. N/A.Unknown (24/06/2014 N/A)-BRN-BRN-Noblwac L4 Suspension for injection for Dogs -1,N/A.N/A. 24.1 Dose (01/06/2014- 09/06/2014-BRN-BRN-Noblwac Lepto 2 - 1,N/A.N/A. 24.1 Dose (1 Day(s) 24/06/2014 24/06/2014)-BRN-BRN-</td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with the MAH assessment.</td></br<>	Corneal oedema, Blue eye, Corneal ulcer, Eye irritation, Pulmonary oedema, Death, Lethargy (see a lso Central nervous system depression in Neurological'), Closed eyelid, Nasal congestion, Swollen eye	Not Known	Duplicate case found, case details added from case 2014-UK-02214 Supperted Adverse Reaction Vaccinated with Nobbiac L4 when 7 weeks of age on 1, In 2014. 24 June 2014 Accinated with Nobbiac OHP and Lepto 2 (ELU treatment program not respected) 25 Jun 2014 shouldne yets and lethargic, not earling or opening eyes, irritated by eyes and scratching them. Given Desadreson. 26 Jun 2014 Yes still some and given Furchtiminic. Uticer in right eye noticed and started on Symulox drops. 75 Jun 2014 diece on right eye ruptured and attempted conjunctival flap, but puppy died under general anaesthetic. Availing post morter negror. Case open, Follow up 17 July 2014 - Post morten results showed death due to pulmonary edema. Ob: corneal uticer extends approximately 50% of the way through the cornea with acute inflammatory evudate and hyperplass of the adjusent cornea epithelium with low numbers of neutrophils at the limbus with neovascularisation of the cornea anount the neptidess. Monore letiformation expected.	Shih Tzu	1.3	Canaural Ear Drops, Suspension for Dogs and Cats. N/A.N/A.N/A. N/A.Unknown (24/06/2014 N/A)-BRN-BRN-Noblwac L4 Suspension for injection for Dogs -1,N/A.N/A. 24.1 Dose (01/06/2014- 09/06/2014-BRN-BRN-Noblwac Lepto 2 - 1,N/A.N/A. 24.1 Dose (1 Day(s) 24/06/2014 24/06/2014)-BRN-BRN-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GB-UKDECHRAP-2017-09923	United Kingdom	Annal	Canine/dog	13.5 Year(s)		07/09/2017	3 3	0 2	23/03/2017	Not	Flaking skin Weight gain Off colour Jangbertee, Erythema (or urticaria see Immune SCD) Pustidase, Demail thickening, Elevated BUN, Yomiting, Diarrhoes, Elevated SSP, Elevated AT, Turinary incontinence, Pyperkalaemia	Not Known	SAR BEING REPORTED YOMETING, GMARRHOTA, URRANET INCONTINUENCE, SIDN CHANGES, MARPETENTE, ELEVATED LUVER PRABAMETRS, ELEVATED LAG Species Canine. Reced: Crossbered Previous clinical histony: 5th January 2017: Too gpresented polyvirc, polydraic, has urinary continence, increased apetite, progressive symmetrical allopencia-started on noise, now on shoulders and flanks. LDOST, Bloods and clinical signs: all consistent with Cushing's no values recorded in the clinical notes, thyrid panel unremarkable. Owner also reports og fas base bett little feet lost, mostly between paids as if trying to pull fur out, been doing this for 2.3 months. Applied Endectrid. 6th January 2017: Dispensed flowor Pop and for sore feet. 11th January 2017: Started ollogy etvoly 51D. Schild January 2017: Per pill cortisol-53, post pill cortisol-248. Owner reporting dog has much more energy, polyvira and polydipsia resolved, still polyhagisc. Contine Long 500 tevelory. Adverse reaction: Approx. 23rd March 2017: Dispensed resolved this noming, appeared to moral, otherwise fine and tryith. Owner isn't sure if dog is taking medication in the morning as can't see well. 7th April 2017: Dog developed damination - quiet, gained weight, nothing specific non exam. Owner reports og seems well other than urinating much more and having accidents in the house. Pre-pill cortisol-91, 3) hours post pill—10.5, 64, 58, 48 within range. 41th April 2017: Specific non exam. Owner reports og seems well other than urinating much more and having accidents in the house, Pre-pill cortisol-91, 3) hours post pill—10.5, 64, 70, 40 with rin Ramey - 1918 April 2017: Dispensed sevels with his Ramey - swide for lowesting to such previous pill—10.5, 64, 70, 700, 71, 80, 80, 71, 80, 80, 71, 80, 80, 71, 80, 80, 71, 80, 80, 71, 80, 80, 80, 80, 80, 80, 80, 80, 80, 80	e	6.3	Colorheadine shampoo (other vet product). NA/NA/NA (NA product). NA/NA/NA (NA NA). A product). NA/NA, NA (NA start ment Start Date 08/06/17 (NA NA). A prestment Start Date 08/06/17 (Days). NA NA/NA/NA, NA START (NA NA). NA START (NA NA). NA	No assessment performed	

NOBIVAC L4	GB-UKDECHRAP-2018-00391	United Kingdom	Animal	Canine/dog	8 Year(s)	03/01/2018	19/03/2018	1 1	0 09/01,	Known, < > <bnot Not Known, < > <b< th=""><th>R> haemolytic anaemia,Haematuria,Decreased BR packed cell volume (PCV)</th><th>Not Known</th><th>SAR BEING REPORTED: IMMUNE MEDIATED HAEMOLYTIC ANAEMIA Species: Canine: Breed: Crossbreed Sep 17: Opg started on thyforon on 300mg once daily, Bloods taken: (unknown date) 14- Adverse Event: 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: PC</th></b<></bnot 	R> haemolytic anaemia,Haematuria,Decreased BR packed cell volume (PCV)	Not Known	SAR BEING REPORTED: IMMUNE MEDIATED HAEMOLYTIC ANAEMIA Species: Canine: Breed: Crossbreed Sep 17: Opg started on thyforon on 300mg once daily, Bloods taken: (unknown date) 14- Adverse Event: 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline agaptivation test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: Presented with weakness and difficulty standing. PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: PCV 18:5%, saline suggest 10x30x12018- Suggistration test power. 09 Jan 18: PC
NOBIVAC L4	GB-UKPFIZAH-2016-UK-02226	United Kingdom	Animal	Canine/dog	9 Year(s)	31/08/2016	02/09/2016	1 1	0 31/08		Restlessness, Dullness, Hypocalcaer 3R ic condition, Seizure R> NOS, Disorientation, Panting	m Not Known	on 31Auglt 3 dog had it's annual booster with Nobbac L4 and later that evening the owners applied a Boxer (Greman Carpello 24) and the strong to 24 miles (Greman Carpello 24)
NOBIVAC L4	GB-UKPFIZAH-2017-UK-00917	United Kingdom	Animal	Canine/dog	9 Week(s)	28/03/2017	24/04/2017	1 1	0 11/04	Known, < >BR> <b Not Known, < >BR> <b Yes</b </b 	R> signs,Increased respiratory rate,Inappetence,Blood in 3R faeces,Retching	Not Known	On 106pt 71 8 weeks 2 days puppy was vuccinated with Yanguard 7 for the first time. The puppy Ministure 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-8-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-8-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-8-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive Edgig 3/2017-M/N_4/8-BR-Noblave: 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive 1.8 [Roblaves: C = 1.3/NA/N_A 2.4 1.Dose 01 - Inconclusive 1.8 [Robla
NOBIVAC L4	GB-Virbac-16 VBSA 03420	United Kingdom	Animal	Canine/dog	3.66 Year(s)	31/10/2016	09/11/2016	2 2	0 02/11,	1916 Yes, BR> R>BR>CBR>N Known		Not Known	3.1/10/2016: Given vaccination and Milgror dispersed. ON for 2 days after vaccine then 2 hours after milgror both days unseel. One days that damnose not 2 days but now fine: the other has been vomiting for 6 days, eating small amounts, owner syringing water. Now started damnose with mucus. On clinical exam pale measures amongs and possible storage of the control o
NOBIVAC L4	GBR-BIAHPVIP-17UX001678	United Kingdom	Animal	Canine/dog	10.9 Year(s)	07/11/2017	10/11/2017	1 1	09/11,	0017 No_GBR~GBR- R~BR>GBR>I GBR~GBR>GB BR~GBR>Not Known	es, error	Not Known	As reported by the attending vet, Pipopa, a 10 year and 11 month old, neutreed female Springer Spaniel English (low weighing 20.2 kg and in good condition, received META-CAM SMC/MS_CULTUP ROFINETION FOR INJECTION (1904)
NOBIVAC L4	GBR-BIAHPYIP-18UXXXXX44	United Kingdom	Animal	Canine/dog	11 Week(s)	16/01/2018	06/03/2018	1 1	1 31/01,	R> N	R fibroelastosis,Congenital	Not Known	As reported by the attending veterinary surgeon, Cic., an 11 week old female entire Labador Retriever Vandows (Poly the attending veterinary surgeon, Cic., and 11 week old female entire Labador Retriever Vandows (Poly the attending vet in consultation on 30 JAN 2018. In this consultation the animal was also administent of Microbia Civ. Province of the principary course (Batch and expir) unknown). The attending vet reports that there was nothing abnormal detected on examination, the animal was reported to be normal at home afterwards and vas polying until approximately 11 pm. At 3 m the owners reported that they heard a howling noise and the animal was checked and northing abnormal was detected. The animal was undetected of the animal was checked and northing abnormal and was reported to the cause of death. There are originate of a chapses with the heart and upst requires (further investigation. Plannon yordems and respiratory fallum appears to have contributed to the cause of death. There macroscopic and microscopic common switch the heart and upst requires (identified as a duplicate to 2018-14-00318. Reported to MSO on 2 feb 2018. Supercted Adverse Reaction On 16 ja. Inany 2018, the days was circularly well, northing abnormal was detected, the heart was normal from nurmary) and they successful the successful of the surgeon of the sur

NOBIVAC L4	GBR-MERCKMSD-2015-UK-0567	United Kingdom	Animal	Canine/dog	11 Week(s)	27/10/2015	11/12/2015	1 1	0 05/11/201	Not Known, <br< th=""><th>Leucocytosis,Deafness,Meningitis,A taxia,Lethargy (see also Central</th><th>A Other</th><th>Elevated folate and cobalamin 9 days post 2nd dose vaccination, the dog was already showing ataxia and had been diagnosed with suspected cerebral atrophy following 1st dose vaccination 4 weeks</th><th>Border Collie</th><th>6.7</th><th>Bravecto 250 mg Chewable Tablets for Dogs - 250,N/A,N/A ,3,250 mg</th><th>O - Unclassifiable/unassessa</th><th>NCA agrees with the MAH assessment.</th></br<>	Leucocytosis,Deafness,Meningitis,A taxia,Lethargy (see also Central	A Other	Elevated folate and cobalamin 9 days post 2nd dose vaccination, the dog was already showing ataxia and had been diagnosed with suspected cerebral atrophy following 1st dose vaccination 4 weeks	Border Collie	6.7	Bravecto 250 mg Chewable Tablets for Dogs - 250,N/A,N/A ,3,250 mg	O - Unclassifiable/unassessa	NCA agrees with the MAH assessment.
										> >BR>>BR> Not Known, >BR > >BR>>BR > >BR > >BR > >BR > >BR > >BR > >BR > >BR > >BR > <	nervous system depression in "Neurological", Pyrexia, Abnormal test result		earlier. Pyrexia and lethargy noted 4 days later. Treated with Sancerum, Noroclav, Colvasione and Bravector for fiel allegy demathits. Evests later. Blood tests taken 2 weeks after this showed leucocytosis. Deafness diagnosed the next day. The dog had underlying conditions and the sequence or events was not clear, it was suspected of having steroid responsive meningitis arterits.	đ		(N/A- 25/11/2015)-eBP-cBP-cDivasone 0.2% w/v solution for injection - NAN/A/NA/ NA/A/NA/ (N/A- 25/11/2015)-eBPBB-Nobiwa 0HPPI - 13/NA/NA/ 0.10 ml (27/10/2015- 27/10/2015-BPBB-Nobiwa L4 Suppression for injection for Dogs- 13/NA/NA/ 0.10 ml (27/10/2015-BB-NB-NB-Nobiwa L4 Suppression for Injection for Cate and Dogs- 13/NA/NA/ 0.10 ml (27/10/2015-BB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-	ble	
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0571	United Kingdom	Animal	Canine/dog	12 Week(s)	11/12/2015	15/01/2016	1 1	0 12/12/201	Yes, <b R>BR> Not Known,
BR> Not Known</br </b 	Tachycardia, Ocular discharge, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Listless, Weakness, Pyrexia, Dehydration, Increased urine concentration, Sunken eyes	Not Known	Lethargy the same day as Nobivac L4, DHP and KC. Dehydrate4, Izchycardia, ocular discharge, increas uniter concentration, hyperthemia and anonexia 2 days later. Treatment with fluids and NSAIDS. Hyperthermia persisted but other signs almost abated within 1 day of treatment. No further information expected.	e Crossbred	2.25	Nobixa DHP - 1,N/A,N/A,10,1 ml (1/1/2/2015):	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0574	United Kingdom	Animal	Canine/dog	4 Year(s)	03/11/2015	14/12/2015	1 1	0 06/11/201	Not Known	Lymphadenopathy,Tongue ulceration,Vomiting,Urticaria,Joint stiffness,Reluctant to move,Polyarthropathy,Limb weakness,Lump,Lick granuloma	Not Known	Utilizaria on head 3 days post second L4 (5 weeks and 3 days post first L4 and Nobbusc DIPPI). No treatment given, sign resolved overeight. 3 days post second L4 jump on side of fee. Treatment with antihistamines. Almost 1 month post second L4: hindimb weaknes, stiffness, tongse utieration, Like grandinan, jumphaderopathy, Indir to and hymph node signifes suggested or ployarthropathy. Treatment with prednisolone, marked improvement within 10 days of treatment. No further information expectation.	Labrador Retriever	31.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/11/2015-03/11/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0577	United Kingdom	Animal	Canine/dog	Not Known	04/12/2015	18/12/2015	1 1	0 11/12/201	Yes, << R> Yes	Injection site abscess	No Data	Injection side abscess I week post vaccination. Lanced and treated with antibiotics. Recovery within I week of orsert. No further information expected.	Akita	Not Known	Nobivac DHPPi - 1,N/A,N/A, 10,1 ml (1 Week(s) 04/12/2015- 04/12/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (1 Week(s) 04/12/2015-04/12/2015) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0578	United Kingdom	Animal	Canine/dog	8 Year(s)	04/12/2015	18/12/2015	1 1	0 11/12/201	Yes, <e R> Yes</e 	injection site abscess,Muscle pain,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Injection site abscess 1 week post Nobivac DHPPI and L4. Lethargy and muscle pain (neck). Abscess lanced, treated with antibiotics. Recovery after 1 week. No further information espected.	English Cocker Spaniel	Not Known	Nobivac DHPPi - 1,N/A,N/A, 10,1 ml (1 Week(s) 04/12/2015- 04/12/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (1 Week(s) 04/12/2015-04/12/2015)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-OSS1	Kingdom	Animal			31/12/2014		1 1		Yes, <r>Not</r>	Neutrophila, Heart murmur, Pale murous membrane, Diarrhoea, Vomiting, Not infining, Anoresia, Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Listless, Dehydration, Ele ated liver enzymes, Hypergycaemia, Abdomin al discomfort, Mysokalemia, Decreased packed cell volume [PcV], Hypokalaemia, Decreased packed collapse oxygenation, naparopriate defection, Anaemia NXS Leisznondoss	Not Known t	5 days post vaccination: emesis. Toge had eaten chocolate 2 days post vaccination. 6 days post vaccination inappropriate defectation, emesis, ancreasi, adisingi, lethargy, gale mucous membranes, abdominal pain. Presented to vets with poor peripheral pulses, hypovoleamia (coded as dehydration). Treated with Chlorapheramine, fluids and neglesics. Bloods bowed: anaemia, elsewated AIP (hepatopathy), leucoprosis, granulocytosis, hyperglycaemia, hyperfactaemia. Developed grade 2/6 systole murrum (flowing first blost. Treated with Velergeare). C days post vaccination: given blood transfusion. Improvement in clinical signs so discharged. 30 days post vaccination: neutrophilia but anaemia had resolved. 12 days post vaccination: reported recovered. No further information.	Jack Russell Terrier		Nebbac DIP - 1,N/A,N/A, 10,1 ml (21/12/2014)	B - Possible	NCA agrees with MAH assessment.
	GBR-MERICHMSD-2015-UK-0583	United Kingdom	Animal	Canine/dog	1.1 Year(s)	07/12/2015	12/02/2016	1 1	0 12/12/201	No, CBR>CBR>CB R>CBR>CBR>NO, CBR>CBR>CBR>NO BR>CBR>NO Known	Injection site pain, Monocytosis, Albnormal red blood cell, Immune mediated, Proteinuria, Urine albnormalities NoS, Elevated liver enzymes, Hand lung sounds, Vaginal haemorrhage, Low platelet count, Tachycardia, Ataxai, Jinable te stand, Muscle pain, Not drinking, Vomitine, Hyperasilvation, Tachypnese Accopal, Lethargy (lead cappression in "Neurological," Elevated temperature, Not eating, Mouth ider.	Other	Neck pain (rijection site), previa and tachycarda 5 days post Nobiose CPIP and L4, slob being treated with Chloramphenic of to conjunctivits. Zealy stere proving, anorexia, adjosis, hyperalsavitori, net. Treatment with Synulox and Metacam. Z days later criestic, lethargy, ataxis, unable to stand, coughin ukers in mouth, Latoryardia, Lachypones, previa, sugain latemorrhage. Urine tests showed: hemeasturis, proteinuris and bilirubinuris. Treatment with fluids and antibiotics. Bloods showed: monocylosis, increased AAEP elephatopshity, thromodyctopenia. S days post onest: previa, tachycardia. Radiographs and utrasound normal. Cystocentesis: no blood, few epithelia Icelis. PCV normal. Smear showed rel blood cell certair jailor. Suspected immune mediated thrombocytopenia. Full recovery within 2 months. No further information.	Jack Russell Terrier B.	8.4	Noblac DHP - 1.N/A.N/A, 10.1 ml 12 Minutes (07):12:0515-08-08-08-09-09-09-09-09-09-09-09-09-09-09-09-09-	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0584	United Kingdom	Human	Human	25 Year(s)	22/12/2015	12/01/2016	1 1	0 22/12/201	Not Known	Injection site swelling	Not Known	A veterinarian developed mild injection site swelling after an accidental needle stick injury with a used needle. It is unknown if any product was injected. The area was cleaned with chlorhexidine. The swelling persisted for 24 to 48 hours.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,10 		
NOBIVAC L4		Kingdom	Animal	Canine/dog	6 Year(s)	14/12/2015	09/03/2016	1 1		R> No	Injection site lump,Injection site sarcoma,Weight loss	Unauthori sed route of administr ation	Injection site lump noted 1 week post vaccination, the dog had wriggled during vaccination and some was suspected of being administered intradermal. Increase is site of lump over the next 2 weels. This was taken and was consistent with a vaccine reaction. The mass continued to grow and was surgically removed of weeks post vaccination. Histopathology showed a high grade injection site sarcoma. Own reported that lump was starting to grow back 1 week later however there was no cerurence; V5 confirmed tumour was not fully excised therefore recurrence is to be expected. Nothing further.		27.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (14/12/2015-14/12/2015-14/12/2015-15/ERS~8R>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (14/12/2015-14/12/2015-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0585	United Kingdom	Human	Human	32 Year(s)	22/12/2015	07/01/2016	1 1	0 22/12/201	Not Known	Local swelling (not application site)	Not Known	A veterinarian developed localised swelling at the base of the thumb after accidentally injecting hersel in her left thumb when she was trying to vaccinate an aggressive dog. The needle was clean. Swelling developed on the thumb, but resolved within 2 hours of the incident.	f Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,10 		
NOBIVAC L4	GBR-MERCKMSD-2015-UK-0585	United Kingdom	Animal	Canine/dog	1 Year(s)	18/12/2015	21/12/2015	1 1	0 18/12/2019	Yes, <b R>BR>Yes KBR>Yes Not Known</b 	Leucocytosis, Tachycardia, Unable to stand, Lethargy (see also Central nervous system depression in Neurological'), Pyrexia, Abnormal test result, Dilated pupils, Stiffness NOS, Hyperglycaemia, Head bobbing, Hyperphosphataemia, Elevated BUN	Not Known	Need bobbing, attain, engificials, stiffness and shaling when returned home from vaccination. Tachycardia and lethargy on physical examination. No improvement within 5 hours of vaccination and had also developed hyperthermia. Treatment with 56th-Medione, Zinaceph, rantidine and Baytril. Bloods showed: anaemia, elevated urea, hyperphosphataemia, hyperglycaemia. Hospitalised and given IVYT. Improvement but not recovery within 5 days. No further information.	Staffordshire Bull Terrier	17.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (18/12/2015-18/12/015-18R>-RB>Nobivac KC - 4,N/AN/A .10,0 4 ml (18/12/2015-18/18/12/2015-18/18/12/2015-18/12/20	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2015-UK-05856	United Kingdom	Animal	Canine/dog	5 Year(s)	01/09/2015	21/12/2015	1 1	0 20/11/2	R> No Known		Not Known	Injection site abuces approximately 3 months post Nobbac L4 and DHP. Drained under general anaesthesia and treated with antibiosis. Recovery an unknown time post onset. No further information.	Yorkshire Terrier	4	Nobivac DHP - 1,N/A,N/A, 10,1 ml (01/09/2015- 01/09/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (01/09/2015- 01/09/2015)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-05865	United Kingdom	Animal	Canine/dog	8 Year(s)	11/11/2015	18/12/2015	1 1	0 18/11/2	15 No	Fainting,Seizure NOS,Congestive heart failure	Other	Convulsions, fainting and congestive heart failure within 7 days of vaccination. Treatment with frusemide, Vetmedin and Cardalis. No further information expected.	Maltese	6.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (11/11/2015-11/11/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	, ,	10/12/2015	11/01/2016	1 1	0 16/12/2		Injection site lump, Skin necrosis, Oft colour, Elevated temperature, Abnormal test result, Injection site abscess, Injection site necrosis	f No Data	4 days post vaccination: injection site lump, Treatment with amonyclus following normal FNA. 2 days, later: burst injection site abscess, malaise and hyperthermia. Treatment with Clindacyl, Injection site necrosis at the abscess site, sutured under general anaesthesia with penrose drain in place. Cytology showed neutrophils but no bacteria. No culture was sent away.	Cavalier King Charles Spaniel	7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (10/12/2015-10/12/2015) 	A - Probable	Signs are likely to be associated with product administration.
	GBR-MERCKMSD-2015-UK-05900	United Kingdom	Animal	Canine/dog		16/12/2015	13/01/2016	1 1	0 19/12/2		Constipation, Vomiting, Polydipsia, Polyuria, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Dry mucous membrane, Abnormal test result, Elevated ALT	Other	Emesis, lethargy, anorexia, polydipsia and polyuria 3 days post Noblox L1 vaccination. The following day: pyrexia. Treatment with Synulos and Metacam. Emesis recoved by the next day but polyuria and pyrexia persisted with lacky gams (dehydration) and constigation. Treatment with fluids. Bloods showed: hepatopality felevated AIP and AIT, low BUIN, low creatinies. Unstauto, gancreasts range normal. Treatment with antiblotics and gastroprotectants: hyperthermia resolved and dog is improving. Liver engrames had improved but were not normal at a retest 3 days after the first test. Given second 14.4 weeks post first vaccine. No further information.	Bichon Frise		Nobiwa: L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (16/12/2015-16/12/2015) -BR> -BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2015-UK-05925	United Kingdom	Animal	Canine/dog	11 Week(s)	29/12/2015		1 1		15 Yes, <6 R> No	Pale mucous membrane, Loose stool, Vomiting, Ataxia, Lethargy (see also Central nervous system depression in 'Neurological'), Lateral recumbency	Other	Ataxis, lateral recumbency, hyperthermia, lethargy, diarrhoea, pale mucous membranes and emesis within 2 minutes of vacination. No treatment given, observed and recovered within 20 minutes. No further information expected.	Welsh Terrier	4.15	Nobivac DHP - 1,N/A,N/A,10,1 ml (29/12/2015- 29/12/2015) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog		10/11/2015	09/03/2016	1 1	1 18/11/2		Behavioural disorder NOSJ.nappropriagis Abdominal piani Pituliray Risorder NOS.Hepatopathy, Polydipsia, Polyu ia, Urinary tenesmus, Pulmonary oederni, Death to codernia, Death to to www. Weight loss, Cardiopathy, Abnormal test result, Ahnormal stool colouration, Abnormal recropsy florides RT.: Enmour (INDS)	No Data	inappropriate urination, polydipsia, polyphagia, abnormal stool colouration, behavioural disorder, weight loss starting withis 64 gist of sections on Adominal pain 2 weeks later, treated with transdio No improvement 2.5 weeks later, reluctant to move and additional pain on palpation of dorsal adoment. Cushing disease ruled out following low dose desamethisance test, started NSADIs at unknown time which showed marginal improvement. Dysuria, is more comfortable when bladder eventually emplose. Death by certinanals within 8 weeks of intitial clinical signs, "Fish showed hepatic congestion, pulmonary oedema, parenchymal haemorrhages, cardiac dilation and enlargement of the pituliary gland. Histopathology confilmed primary brain tumour. Nothing further espected.	Other Canine/dog	12.6	Nobwac L4 Supersion for Injection for Topics 1.10A/A, 10.1 ml (10/11/2015-10/11/2015)-8R>-6R>-	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00020	United Kingdom	Animal	Canine/dog	4 Month(s)	04/01/2016	04/01/2016	1 1	0 04/01/2	16 Yes, BR>BR>F R>BR>BR>Yes BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>	, Central nervous system depression	No Data	Ataxis, hypersalwaton, emeis: and lethargy within approximately 6-12 hours of vaccination and milleman (bette guess made) administration. The owner had also shamposed the dogs shortly after vaccination. Treated with Cerenia and fluids leading to improvement. No previous reaction, no furthe information.	Jack Russell Terrier r	4	Milbemax Tablets for Small Dogs and Pupples - I.N/A.N/A.N/A.1 Tablets (04/01/2016- 04/01/	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00069	United Kingdom	Animal	Canine/dog	6 Month(s)	01/10/2015	08/03/2016	1 1	1 21/12/2	15 Not Known	Death by euthanasia,Lack of efficacy	Not Known	Suspected lack of efficacy, emests and diarrhoea 2.3 months post Noblaxa L4 vaccination, vaccines given with too long an interval. History of eating hores. Anoresia, abdomined jany, paile, jauxuliced, Parvo negative. Bloods showed: elevated BUN and creatinine (renal insufficiency), elevated liver enzymes JAIT, AIP, pilitubis). Treatment with intravenous fluids, MAT negative. Euthanased. Histology from PME: septectamia, possible E. coli, hepatic changes consistent with possible Leptospira but renal changes not typical. Other causes are: Immune mediated disease, DIC, acute borreliosis. PCR for E. col and Lectospira nearbur. Nothins further received.	Labrador Retriever	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/10/2015-01/10/2015)-BR> 	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00082	United Kingdom	Animal) 09/12/2015	07/01/2016	1 1		15 Yes, BR>BR>ER		No Data	Surgical site haemorrhage immediately post spay on the same day as Nobivac L4 and DHP. Bruising at the surgical site and pain within 2 A hours. Bloods 4 days post vaccine and pays yhowed: increased ed blood cells, sosinopenia, tremal insufficiency (elevated BUN) and hyperphosphataemal. Blood cottent groffle normal. Bloods the following day; thrombocytopenia, increased red blood cells, thrombocytopenia, renal insufficiency (elevated BUN and creatinine). Blood changes postisted but had improved 43 days post surgers, Neal changes postisted but had improved 43 days post surgers, Neal changes postisted but had improved 43 days post surgers, Neal changes postisted but had improved 43 days post surgers, Neal changes postisted but had improved 43 days post surgers, Postisted but had improved 43 days post surgers, Vinier results were normal. Lepto titres reflected recent vaccination. Animal treated with fluids. Second 14 given a weeks fart for first vaccine. The day was unwell but no further signs developed. Outcome urknown. No further information expected.	Greyhound	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (09/12/2015)- 09/12/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A/M/A,10,1 ml (09/12/2015)- 09/12/2015)-BR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00086	United Kingdom	Animal	Canine/dog	10 Year(s)	05/01/2016	07/01/2016	1 1	0 07/01/2	16 Yes	Discus prolapse,Localised pain NOS (see other 'SOCs' for specific pain),Limb weakness,Abnormal radiograph finding,Arched back	No Data	Arched back, limb weakness/localised pain (hindlimbs), disc prolapse (L2-L3), narrowing of vertebral column (coded as abnormal radiograph finding) within 48 hours of vaccination. Had also received sam vaccine one month prior. Owner reported dog had a fall on same day as vaccination. Nothing further expected.	English Cocker Spaniel	13.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (05/01/2016-05/01/2016) 	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	10 Year(s)	06/01/2015	21/01/2016	1 1	1 04/10/2	Known,
 Not Known</br 	Death by euthanasia,Inappetence,Ascites,Ele	Not Known	8 months post second L4 and Drontal Plus: acctes. Bloods showed: renal insufficiency (elevated BUN) and hepatopathy (elevated ALT). Ultrasound showed liver changes. 11 days later: euthanssia due to anorexia. No post mortem. No further information.	Staffordshire Bull Terrier	Not Known	Tablets - N/A,N/A,N/A N/A,unknown (06/01/2015- 06/01/2015): BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/01/2015- 06/01/2015): BR>-BR>-	N - Unlikely	NCA agrees with MAH.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00126	United Kingdom	Animal	Canine/dog	12 Week(s)	03/01/2016	11/03/2016	1 1	1 07/01/2	16 Yes, No R>CBR>CBR>No Known	Elevated creatinine, Elevated total bilirubin, Elevated total bilirubin, Elevated 5.08; Pirombou, Yoopenia, Somiting, Hepatitis, aundice, Aruria, Pulmonary haemorrhage, Death, Not eating, Albromail, Periodical eating, Albromail, Periodical eating, Albromail, Periodical emina, Blood in urine, Hyoportolenaemia, Elevated BUN	Not Known	Emeis 4 days post second vaccine. Bloods the following day showed: elevated urea, elevated creatibine (renal inofficiency), heapstoathy (elevated ALIV). 2 day post oncert; junifice and annior. Treatment with manatot. Emeis and anoresia continued. Bloods taken hut puppy died 3 days later. Blood results from 3 days before death: elevated urea, elevated creationic (renal inofficiency), hypoproteinaemia, hyporalbuminaemia, hyporalb	Crossbred	2.2	Nobiva: DHP - 1,N/A,NA, 1,01, ml (03)01/2016 (03)01/2016 (03)01/2016;RR-NBR-Nobiva: L4 Suspension for injection for Togs 1,N/A,M/A, 1,0,1 ml (03/01/2016- 05/01/2016)NR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-N	O1 - Inconclusive	MAH agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-00128	United Kingdom	Animal	Canine/dog	12 Week(s)	03/01/2016	11/03/2016	.1	1 07/01/20	16 Yes, < R> NO Known	Anuria, Pulmonary It haemorrhage, Death, Abnormal test result-typerala seemia, Hypoproteina, emia, Hyperphosphataemia, Elevatee total bilinchin, Ele	Not Known	4 days post second vaccine: emesis. Treatment with intravenous fluids. The following day: anuria, emesis continued. Bloods showed: renal insufficiency (elevated BUN and creatrinie), hyperphosphataenia, hepatopathy leierated AURA), hyperbluichaemia, anemia and thrombocytopenia. Death 5 days post onset. Samples sent away. Bloods: bilirubin and renal remained elevated. Almaemia, continued: hypoprochiaemian, hypercataenemia, hyperc	Crossbred	2.2	Noblwac DHP - 1.W/A.W/A,10,1 ml (93/01/2016- 93/01/2016-93/01/2016-98R->BR-Noblwac L4 Suspension for Injection for Dogs - 1,N/A/W,A 10,1 ml (93/01/2016- 03/01/2016)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00130	United Kingdom	Animal	Canine/dog	1.7 Year(s)	05/01/2016	11/01/2016	1 1	0 05/01/20	L6 Not Known	Inappetence,Off colour,Injection site abscess,Injection site serous discharge,Vomiting	Not Known	Anorexia and malaise following Nobivac L4. 2 days post vaccine: hyperthermia. Treated with Metacam. The following day: emesis, and injection site abscess [identified on PNA]. Treatment with rantistifier and Synjuno. Anorexia and emesis persisted the following day. 5 days post vaccine: abscess drained, treated with intravenous fluids, antibiotics and Metacam. 6 days post vaccine: abscess wound outries some serious filled. No further information.	Miniature Schnauzer	8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (05/01/2016-05/01/2016) 	A - Probable	Clinical signs are consistent with probable product involvement. Local, temporal relationship strong.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00159	United Kingdom	Animal	Canine/dog	6.4 Year(s)	14/12/2015	12/01/2016	1 1	0 14/12/20	L5 Yes, <i R> No Known</i 	B Unable to stand,Collapse (see also t 'Cardio-vascular' and 'Systemic disorders'),Malaise	Not Known	Collapse 2 hours post Bobbiec DIPF and L4. Taken back to practice but making and ataxia (unable to stand) remained. Recovery within 2-3 days. No further information expected.	Crossbred	5.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (14/12/2015- 14/12/2015) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/12/2015- 14/12/2015) >BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00161	United Kingdom	Animal	Canine/dog	11 Year(s)	30/12/2015	12/01/2016	1 :	0 10/01/20	Known, <bf > <br< td=""><td>NOS,Hyperphosphataemia,Elevated BUN,Elevated creatinine,Elevated</td><td>g Not Known</td><td>Pre-existing skin lumps, elevated ALEP and elevated GGT. 7 days post Noblava Lts. surgery to remove skin lumps following a course of Norockin Jessurder 200 ng Jakets For dogs). Short home with Metacam. Ernesis and ancresia within 24 hours of surgery, Metacam continued by owner for 4 days, emesis continued. Bloods 4 days post surgery, elevated ure and creatinine (real insufficiency), hyperphosphataemia, pepatocaptry (elevated ALEP/SAP), leucocytosis, neutrophilia. Wound infection noted. Treated with intravenous fluids. Bloods 2 days later showed normal renal parameters. No further information.</td><td>Border Terrier</td><td>r 14.5</td><td>Metacam 1.5 mg/ml Oral Suspension for Dogs - NI/A,N/A,N/A, N/A,N/A (06/01/2016- 10/01/2016)-68P88P-Noblava L4 Suspension for injection for Dogs - 1,N/AN/A, 10.1 ml (30/12/2015- 30/12/2015-68P-88P-Noroclav 250 mg Tablets for Dogs - NI/A,N/A N/A,N/A (30/12/2015- N/A)-8R>-8R>-</td><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment.</td></br<></bf 	NOS,Hyperphosphataemia,Elevated BUN,Elevated creatinine,Elevated	g Not Known	Pre-existing skin lumps, elevated ALEP and elevated GGT. 7 days post Noblava Lts. surgery to remove skin lumps following a course of Norockin Jessurder 200 ng Jakets For dogs). Short home with Metacam. Ernesis and ancresia within 24 hours of surgery, Metacam continued by owner for 4 days, emesis continued. Bloods 4 days post surgery, elevated ure and creatinine (real insufficiency), hyperphosphataemia, pepatocaptry (elevated ALEP/SAP), leucocytosis, neutrophilia. Wound infection noted. Treated with intravenous fluids. Bloods 2 days later showed normal renal parameters. No further information.	Border Terrier	r 14.5	Metacam 1.5 mg/ml Oral Suspension for Dogs - NI/A,N/A,N/A, N/A,N/A (06/01/2016- 10/01/2016)-68P88P-Noblava L4 Suspension for injection for Dogs - 1,N/AN/A, 10.1 ml (30/12/2015- 30/12/2015-68P-88P-Noroclav 250 mg Tablets for Dogs - NI/A,N/A N/A,N/A (30/12/2015- N/A)-8R>-8R>-	O1 - Inconclusive	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00165	United Kingdom	Animal		19 Month(s)		13/01/2016	1 1		R> Yes	'Systemic disorders'), Vomiting, Tachypnoea, Weakness	No Data	Emeisis, weakness and collapse within minutes of succination. Tachyproea and tachycardia noted. Treatment with antihistamines and intravenous fluids. Recovery by the following day. No further information expected.	Pug	Not Known	Nobivac DHPPi - 1,N/A,N/A,10,1 ml (12/01/2016- 12/01/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/01/2016- 12/01/2016):BR> 		NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00167	United Kingdom	Animal	Canine/dog	8 Month(s)	03/10/2015	13/01/2016	1 1	0 03/10/20		Vomiting,Collapse (see also 'Cardio vascular' and 'Systemic disorders')		Emesis and collapse the evening following Nobivac L4. Canaural was also dispensed but it is unknown in this was used. Recovery after a couple of minutes. Emesis and collapse recurred following second Nobivac L4 (linked case 2016-UK-00169). No further information.	f French Bulldo		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/10/2015-03/10/2015) 	A - Probable	Signs recurred on rechallenge and are consistent with a product reaction. Product involvement is likely.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00169	United Kingdom	Animal	Canine/dog	8 Month(s)	16/12/2015	13/01/2016	1 1	0 16/12/20	I5 Yes	Vomiting,Collapse (see also 'Cardio vascular' and 'Systemic disorders')	- No Data	Emesis and collapse after second L4 twice in approximately 12 hours. These signs were also seen on primary exposure. Recovery within a couple of minutes. No further information. Linked case 2016-UK- 00167 describes signs after primary exposure.	French Bulldo	g 11.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (16/12/2015-16/12/2015) 	A - Probable	Clinical signs are consistent and occurred after both doses of L4.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00216	United Kingdom	Animal	Canine/dog	4.4 Year(s)	21/10/2014	15/01/2016	1 1	0 01/12/20	14 Yes	Seizure NOS	No Data	Owner reported 3 "funny turns" during the period between 1st and 2nd dose vaccination. Suspected partial seizure. Similar signs were seen post vaccination 2 years and 1 year earlier (see linked cases).	Crossbred	4.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (21/10/2014-21/10/2014) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00236	United Kingdom	Animal	Canine/dog	2 Month(s)	14/01/2016	18/01/2016	1 1	0 14/01/20	L6 Yes, <i R> Yes</i 	B Abnormal test result,Rigidity of limbs,Unconscious,Shaking,Decreased packed cell volume (PCV)	No Data	Saking, joss of conciousness, hipertonia within a diminute of administration, recovering within 12-2 hours. The following dr, fully recovered, however bloods showed anaemia which resolved over the following few days. No	4 English Toy Terrier	6.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (14/01/2016- 14/01/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/01/2016- 14/01/2016)-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00276	United Kingdom	Animal	Canine/dog	3 Month(s)	14/01/2016	10/02/2016	1 1	1 14/01/20	Yes	Ahnomat test result.Rigidity of limbs, Unresponse to stimuli, NT- acute (interstitiat) neumonia/pleuropneumonia, Sice piness - neurological disordee, Bradycardia, Pale mucous membrane, hypersalivation, Seizer NOS, Collapse (see a lato 'Cardio- vascular' and Systemic disorders'), Death by euthansial, Inappetence, Lethargy (see also Central nervous system depression in Neurological')	No Data	Somolence, rigidity, hypersalhation on the same day as vaccination. Presented to the gractice with convolutions and unresponsiveness the same evening. Treatment with fluids and oxygen. Bloods and ultrasound unremarkable. The following day the dog was bradycardic, lethargic and anoresic. 2 days post vaccine the dog became collapsed and cyanotic leading to cultinasis. PME showlet congested and enlarged liver. Lungs were consolidated. PME results conclude severe subacute interstitial pneumonia likely to have pre-existed at the time of vaccination.	Yorkshire Terrier	Not Known	Noblac L4 Supersion for Injection for Operation (Projection for Operation), 10,1 ml (14/01/2016-14/01/2016)-8R>-6R>-		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00300	United Kingdom	Animal	Canine/dog	2 Month(s)	19/01/2016	21/03/2016	1 1	0 19/01/20	L6 Yes, <i R> No Known</i 	B Diarrhoea,Vomiting,Lethargy (see t also Central nervous system depression in 'Neurological'),Weight loss,Not eating	Not Known	Lethargy and diarrhoes starting the same day as Noblava Chir and L4.2 days post onset: weight loss, anoresia, enseis, bitmagy and continued diarrhoea. Treatment with fluids and Cerenia. No further information, outcome unknown.	Labrador Retriever	5.€	Nobivac DHP - 1,N/A,N/A,10,1 ml (19/01/2016- 19/01/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/01/2016- 19/01/2016)-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00346	United Kingdom	Animal	Canine/dog	3 Year(s)	17/12/2014	25/01/2016	1 1	0 22/12/20	14 Yes, RXBRXBR>Yes BRXBR>YES BRXBR>YES BRXBR>YES, BRXBR>YES, BRXBR>YES BRXBR>YES	s, <	No Data	Convulsions starting within 5 days of vaccination of all four products. Convulsions continued intermittently over the following year, when neoplasia was diagnosed. Nothing further.	Greyhound	27	Nobivas DRP - 1,N/A,N/A,10,1 ml 137/12/2014- 17/12/2014- 17/12/2014- 17/12/2014- 17/12/2014- 17/12/2014- 17/12/2014- 17/12/2014- 18/RS-RB-Nobivas L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml (17/12/2014- 17/12/2014- 18/RS-RB-RS-RS-Nobivas LA Rabies - 1,N/A,N/A, 10,1 ml (17/12/2014-187-2014)- BR>-SBP>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00352	United Kingdom	Animal	Canine/dog	6.1 Year(s)		31/03/2016	1 1	0 01/01/20	L6 Yes, <i R>BR> Yes</i 	B Injection site abscess,Injection site necrosis,Injection site scratching,Anaemia NOS,Leucocytosis,Weight loss	No Data	Injection site scratching/necrosis/abscess, weight loss, anaemia and lescocytosis within 6 days of vaccination. Treated with IVFT, antibiotics and analgesia. Swab results not received, no further information.	Shih Tzu	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (N/A-15/01/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (N/A- 15/01/2016) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00370	United Kingdom	Animal	Canine/dog	7 Year(s)	24/01/2016	26/01/2016	1 1	0 24/01/20	L6 Yes, <i R> No Known</i 	B Swelling around eye,Cyanosis,Lip t oedema (see also 'Skin'),Allergic pruritus	Not Known	Allergic cedema of the lips and eyelids, allergic prortius and cyanosis within 30 minutes post vaccination. Treated with corticosteroids leading to recovery 2 hours later.	Shih Tzu	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (24/01/2016- 24/01/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/01/2016- 24/01/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.

	GBR-MERCKMSD-2016-UK-00394	United Kingdom	Animal	Canine/dog	5 Year(s)	14/01/2016	23/05/2016	1 :	1 1	26/01/2016	Yes	Death by euthanasia, Lack of efficacy	No Data	Sispected lack of efficacy: diarrhoea, pale mucous membranes, hypoalbuminaemia, low AIP, elevated BUM/creatinien, heprophosphatemia, mid hipyopcalcemia, elevated lipasa en hippertension within 11 days of vaccination. Treated with IVIT, antacids, antiemetics, amlodipine. Decreased appetite, hypersalivation, treated additionally with antibiotics and electrolytes. First vaccination of L4, however up to date with L1 vaccinations. Pre-existing intermittent/pccasional emesis following full meal. Suspected leptospirosis. Deterioration and euthansias within 2 weeks. PCM negative for Leptospira for both blood and uniter. No PME carried out. Hegative serology control blood and uniter. No PME carried out. Hegative serology control blood and uniter. No PME carried out. Hegative serology citerohaemorrhagiae/pomona/grippotyphosa. Low positive titres: cancicol, hardyo, bratislava-suspected or decongree but not clinical disease. No further information.	d Border Collie	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (14/01/2016-14/01/2016)-BR>-BR>	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00459	United Kingdom	Animal		10 Week(s)		01/02/2016	1 :	1 0	28/01/2016	Yes, <b R> >BR>Not Known</b 	Bloody diarrhoea,Vomiting,Retching,Pyrexi a,Hypoglycaemia,Elevated ALT	Not Known	Retching, hemorrhagic disurhoea, emesis and pyroxia 2 days post vaccination. Treated with antibiotic leading to some improvement. Deterioration and further emesis: 2 days later. Biodo ettest showed hypoglycaemia and slightly elevated ALT. Treated with fluids leading to improvement and sent home later the same day.	cs Cavalier King Charles Spaniel	1.65	Nobivac DHP - 1,N/A,N/A,10,1 ml (26/01/2016- 26/01/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (26/01/2016- 26/01/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00471	United Kingdom	Animal	Canine/dog	2 Year(s)	01/03/2014	02/02/2016	1 :	1 0	03/03/2014	Not Known	Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Inappetence,Tense abdomen,Unable to stand,Not drinking	Not Known	Collapse, anorexia, adjosia, ataxia and abdominal pain 2 days post wacrination. Treated with antibiotics, analgesics and antiemetics leading to recovery an unspecified period later. The same signs were noted a weeks later 2 days after the 2nd dose vaccination was administered, the same treatmen was given leading to recovery. this report was taken from social media.	Labrador Retriever at	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/03/2014-01/03/2014) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00476	United Kingdom	Animal	Canine/dog	7 Week(s)	01/02/2016	02/02/2016	7	1 1	01/02/2016	R×BR×BR>Yes	Vocalisation, Vomiting, Seizure NOS, Death by euthanasia	No Data	Emesis in J puppy out of 7 starting within 30 minutes post vaccination. Emesis continued later the same day followed by abnormal barring (coded vocalitation) and convolsions. Treated with diszepan but this did not control the convolsions and therefore the puppy was euthanased. No PME carried out.	Old English Sheepdog	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (01/02/2016- 01/02/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (01/02/2016- 01/02/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00516	United Kingdom	Animal	Canine/dog	1.3 Year(s)	29/01/2016	03/02/2016	1	1 0	29/01/2016	Yes, <b R> >Yes</b 	Unusual stool colour,Anaemia NOS,Diarrhoea,Loose stool,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Mucous stool,Elevated ALT,Elevated SAP	No Data	Emeisi, le thartys and yellow faces within 24 hours post wactination. Treated with Cerenia and Ranklidine. No further emesis but mucoid diarnhoea noted 5 days later. Treated with fluids, Cerenia an Ranklidine. Blood tests showed hepatopathy, low chlorine and anaemia. CPLI normal and liver enzyme returned to normal.	Border Terrier ad es	13	Nobivac DHP - 1,N/A,N/A,10,1 ml (29/01/2016-) 29/01/2016\BR> >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (29/01/2016- 29/01/2016\BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00530	United Kingdom	Animal	Canine/dog	5 Year(s)	27/01/2016	04/02/2016	1	1 0	27/01/2016	Yes, <b R> Yes</b 	Injection site abscess,Injection site swelling,Inappetence,Lethargy (see also Central nervous system depression in "Neurological"),Pyrexia	No Data	Letharg, anorexis, injection site swelling/abscess, hyperthermia starting within 24 hours of vaccination. Abscess was incised and finaleth, treated with antibiotics, dog improved throughout the day and continued to recover within 7 days. No further information expected.	Chihuahua	3.9	Nobivac DHP - 1,N/A,N/A, 1,0,1 ml (27/01/2016- 27/01/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00531	United Kingdom	Animal	Canine/dog	10 Year(s)	12/02/2015	04/02/2016	1 1	1 0	19/02/2015	Yes	Seizure NOS	No Data	Convulsion within 7 days of vaccination, again 2 days later. No previous reaction, no further information.	Other Canine/dog	13	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (12/02/2015-12/02/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00539	United Kingdom	Animal	Canine/dog	10 Year(s)	28/01/2016	29/02/2016	1	1 0	28/01/2016	Yes, <b R> Yes</b 	Injection site abscess,Injection site swelling,Collapse (see also 'Cardio-vasculia' and 'Systemic disorders',Lethargy (see also 'Central nervous system depression in Neurological'),Localised pain NOS (see other 'SOCs' for specific pain),Pyrexia, Purulent lesion(s),NOS cating,Alhoormal test result,Hyperphosphatemia,Elevated ALT,Elevated SAP	No Data	Lethargy, anorexia starting within 24 hours of vaccination. Collapse, injection site lump, localised pain NOS, hyperthermic purview lesion within 5 days of vaccination. Treated with IVT, artibitotis, SNSMD Bloods showed elevated AIT,5AP, elevated amylase jahrormal test result, hyperphosphataemia. Canine pancreatic lugates rapus et protective. Showed some improvement the following day. Cytology results show degenerative neutrophila and growth of beta haemolytic streptococcus.	Border Collie	25	Noblac DIP - 1,N/A,N/A,10,1 ml (28/01/2016-250/01/2016-88N-SBN-Noblac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/01/2016-28/01/2016)-BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00552	United Kingdom	Animal	Canine/dog	2 Month(s)	05/01/2016	05/02/2016	8 .	4 3	20/01/2016	Yes, <b R> Yes</b 	Death,Appetite loss	No Data	Anorexia in 4 pups, leading to death in 3 - within 15 days of vaccination. The surviving pup was treated with antibiotics and syringe feeding with water. See linked cases; breeder has 180 breeding bitches in total. Suspected parvo virus outbreak. No PME, nothing further.	Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml (05/01/2016- 05/01/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (05/01/2016- 05/01/2016)-BR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00553	United Kingdom	Animal	Canine/dog		05/01/2016	05/02/2016	4 :	2 2	01/02/2016	Yes, <b R> >Yes</b 	Death	No Data	Death in 2 out of 4 vaccinated 26 days prior. Breeder has 180 breeding bitches, therefore suspected Pavo virus outbreak. See other linked cases. No further information.	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (05/01/2016- 05/01/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00557	United Kingdom	Animal	Canine/dog	5 Year(s)	05/02/2016	05/02/2016	1 :	1 0	05/02/2016	Yes, <b R> >NO</b 	Vocalisation, Tachycardia, Respirato ry distress, General pain (see other SOCs for specific pain)	Other	Vocalisation, general pain, tachycardia, dyspnoea within 2 hours of vaccination. No further information expected.	Lhasa Apso	8.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (05/02/2016- 05/02/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00563	United Kingdom	Animal	Canine/dog	10 Year(s)	31/07/2015	04/04/2016	1 :	1 0	19/08/2015	Not Known	Abnormal test result,Off colour,Diarrhoea,Lymphopenia,Elev ated ALT,Elevated liver enzymes,Tense abdomen	Not Known	Diarrhoes and malaise 3 weeks post 2nd dose vaccination. Supporthe treatment given, faceal analysis was normal and bood tests showed impropense, elevated homestocht and harmoglobin. Recovery an unspecified period later with an intestinal diet, honther dose of Noblave LS was administered in error 5 months later. Intermittent diarrhoes, atracel Biod of tests showed hesptosthy. Severe diarrhoes, malaise and abdominal pain 3 days post accidental vaccination. Treated with fluids leading to improvement. Referred to specialist and thickening of the doubnerum and lieum found. Endoscopy was unremarkable. Treated with steroids and hypoallergenic diet. No further information, outcome unknown.	Hovawart		Nobiwa: L4 Suspension for Injection for Dogs - 1,N/A,N/A ,1.0,1 ml (31/07/2015-31/07/2015)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
		United Kingdom	Animal	,,,,,	3 Month(s)	05/02/2016	10/02/2016	1	1 0	05/02/2016	R> Not Known	Facial swelling (see also 'Skin'),Hives (see also 'Skin'),Allergic pruritus	Not Known	Urticars, allergic codema of the face and allergic pruritus 20 minutes post vaccination. Treated with dexamethasone leading to improvement.	French Bulldo		Nobivac DHP - 1,N/A,N/A ,10,1 ml (05/02/2016- 05/02/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (05/02/2016- 05/02/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00639	United Kingdom	Animal		2 Month(s)	01/02/2016	05/04/2016	6	1 1	08/02/2016	Yes, <b R>BR> Fes, BR> Not Known</b 	Dullness, Tachycardia, Portacaval shurt, Kruckling, Seizure NOS, Slow reflexes, Death by euthanasia, Lethargy (see also Central nervous system depression in 'Neurologica'). Off colour, Abnormal necropsy finding, intention tremor, Difficulty chewing	Not Known	Malaise in 1 out of 6 pupples 48 hours post vaccination. Neurological signs, pyrexia and tachycardia noted on examination 1 days post vaccination. Unknown what treatment given but discharged from hospital the next day. Deterioration over the next 2 days including convulsions, hyporeflexia, duflness, lethargy, difficulty chewing, intention tremors and truckling on all four limbs. Euthanssia. PME indicates a intrahepatic portosystemic shunt.	Other Canine/dog	4.4	Identification Chip - 1,N/A,N/A, 24,1 Implant (0.1/02/2016-BRS-RBR-Nobivac DHP-1,N/A,N/A, 1.0,1 ml (0.1/02/2016-G1/02/2016-BRS-RBR-Nobivac LASuppension for injection for Dogs-1,N/A,N/A, 1.0,1 ml (0.1/02/2016-G1/02/2016)-BRS-RBR-Nobivac LASuppension for injection for Dogs-1,N/A,N/A, 1.0,1 ml (0.1/02/2016-G1/02/2016)-BRS-RBR-Nobivac LASUPENSION (0.1/02/2016)-BRS-RBR-Nobivac LASUPENSION (0.1/02/2016)-BRS-RBR-RBR-Nobivac LASUPENSION (0.1/02/2016-BRS-RBR-RBR-RBR-RBR-RBR-RBR-RBR-RBR-RBR	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00647	United Kingdom	Animal	Canine/dog	2.6 Year(s)	06/01/2016	11/02/2016	1	1 0	30/01/2016	Yes, <b R>BR>Not Known</b 	Seizure NOS	Not Known	Comulsion 7.4 days post vaccination. A similar reaction had been seen post vaccination on a previous occasion (see case 2016-UK-00649).	Staffordshire Bull Terrier	20.9	Nobivac DHP - 1,N/A,N/A, 1,0,1 ml (06/01/2016- 06/01/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (06/01/2016- 06/01/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-00648	United Kingdom	Animal	Canine/dog	2 Month(s)	10/02/2016	22/02/2016	1 1	1 11/02/20	5 No.SBR>SBR>SBR>SBR>BR>SBR>BR>BR>BR>BR>BR	count_leucopenia_lymphopenia_late mornhagic_damhoe_comeal oedems_Collapse (see also 'Cardio- vascular' and 'Systemic disorders_Deathoe_leucopenia euchania_leucopenia_leucopenia central nervous system depression in Neurological_lalsod in ra- lacees_Not ealting_Dehydration_Abnormal test result_hyperphosphataemia_Elevate d_ALT_Elevated_SAP	Other	Lethargy, haemorrhagic diarrhoea, dehydration, blood tests showed elevated ALT, elevated SAP, hyperphosphatemia, leucopenia, lymphopenia, anaemia and thrombocytopenia 24 hours post vaccination. The puly was reported to have lethargy and diarrhoea at the time of vaccination. Snap test postive for Parovirus. Treated with fluids, artibilities and Paracur. Comeal ededma noted in one eyet hen ent day, Lethargy, collapse, anoresia and haemorringe diarrhoea the need sty. Death by eurhanssia on unknown date, lab confirms positive to field strain parvo virus, no PME. Nothing further.	Other Canine/dog	1.8	Nobivac DHP - 1,N/A,N/A, 10,1 ml (10/02/2016) (10/02/2016	O1 - Inconclusive	NCA agrees with the MAN assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00649	United Kingdom	Animal	Canine/dog	2.6 Year(s)	03/02/2016	11/04/2016	1 1	0 03/02/20	6 Yes, <e R> Not Known</e 	Seizure NOS	Not Known	2 convulsions within 24 hours post vaccination, treated with rectal disaspeam and admitted for observation. Released later the same day, Blood sample were taken, await results, Smilar reaction was noted post vaccination (see linked case 2016-UK-0064T). No further information received.	Staffordshire Bull Terrier	20.9	Nobivac KC4,N/A,N/A ,10,0.4 ml (03/02/2016- 03/02/2016) RS> Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (03/02/2016- 03/02/2016> RS> SSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00675	United Kingdom	Animal		10 Year(s)	09/02/2016	15/02/2016	1 1	1 09/02/20		Injection site bleeding.Pericardial effusion,Abdominal pain,Death by euthanasia,Lethargy (see also Central nervous system depression in "Neurological").Decreased packet cell volume (PCV)	No Data	Injection site haemorrhage noted within minutes of vaccination. Four days later, abdominal pain, lethargy, anaemia and pericardial effusion. Led to death by euthanasia. No PME, nothing further expected.	Shih Tzu	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (09/02/2016-09/02/2016) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00694	United Kingdom	Animal	Canine/dog	12 Week(s)	09/02/2016	15/02/2016	1 1	0 12/02/20	6 Yes, R×BR> Yes 	, move,Malaise,Off	Not Known	Malaise starting 3 days post vaccination. Pyrexia noted on examination, treated with antibiotics and steroids. Hind limb evalences noted the next day, further antibiotics and fluids given. I rejection site abocesses noted between the should blades and at the top of the shoulders 1 week later. Vet suspects previous neurological signs were due to replacemia. Treated with antibiotics leading to improvement. The dog had a microchip implanted an unknown period prior to vaccination.	Chihuahua	1.24	Identification Chip - 1,N/A,N/A,24,1 Implant (01/02/2016- 01/02/2016-BRS~BB~Nobivac DHP - 1,N/A,N/A, 10,1 ml (09/02/2016- 09/02/2016-BS-EBS~Nobivac LA suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml (09/02/2016- 09/02/2016-BB>~BB>~BB>~BB>~BB>~BB>~BB>~BB>~BB>~BB>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00700	United Kingdom	Animal	Canine/dog		13/01/2016	15/04/2016	1 1	0 13/02/20	R> Yes < BR> Not Known	Respiratory distress, Weakness, Abnormal menace reflex test, Abnormal pupil light reflex, Pancreatitis, Blindness	Not Known	Sadden onest bindness 1 month after concurrent vaccination with Nobbac CHP, Nobbac LA and Nobbac CK and Asky following And does vaccination with Nobbac LA. No retain examination suppossible due to dogs aggression. Referred to ophthalmologist and examination showed no menace reflex in both eyes, directed and consensal pupillarly light reflexes regative, a vesuel acts seen in left anterior chamber. Dol include sudden acquired retain degeneration, retrobulbar neutrits or a pre- chamant CNs lesion. Pancreatistis, muscle loss around head generatised weakness and respiratory distress was diagnosed 2 months later. Vet wants to refer for neurological exam and suspects linked to vaccine. Nobling further expected.	Rottweiler	45	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/01/2016-13/01/2016)-BR> Nobivac KC - 1,N/A,N/A,24,1 Dose (13/01/2016-13/01/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/01/2016-10/02/2016)-BR><	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00724	United Kingdom	Animal	Canine/dog	1 Year(s)	19/01/2015	16/02/2016	1 1	1 13/10/20	.5 Not Known	Death by euthanasia,Lack of efficacy	Not Known	Suspected lack of efficacy. Anorexia, lethargy, hunched abdomen and emesis 10 months post vaccination. Blood tests showed hepatopathy and thrombocytopaenia. The dog was referred to a specialist. Deterioration, DIC and euthanasia. PME liver pathology was consistent with and PCR was positive for Leotospirosis. Seroyar unknown.	Labrador Retriever	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (19/01/2015-19/01/2015) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00727	United Kingdom	Animal		4 Year(s)	28/11/2015	22/12/2037			5 Not Known	Cardiac Car	Not Known	Supected Adverse Reaction Vaccinated with Nobisex L 4 on 28 Nov 2015. Previously vaccinated with Nobisex DIP and a tepto vaccine (unknown which Lepto vaccine) on 7 Nov 2014. Miblemax was a bod dispensed at the same time but not given. Dog is aggressive so limited examination, normal for this dog 3 Dec 2015 presented as lethangic since the vaccine and not eating well. Wominity and dishrobes. 2 That a given 1.4 Dec 2015 continues to be very lethangic and off food, only eats when had fed. soft stools and orange in colour. Unable to examine conscious due to temperament so sedated. Radiographs showed a possible enlarged cardiac silhouette, liver enlarged. Ultrasound showed no gall badder or billiany enlargement and no signs of obstruction. The dog was sent home with Nutramed, Clawseptin and Metronidazole. IS Dec 2015 owner updated that dog happier to est, but seem tender under jaw and ears and passing orange dariness. 4.3 and 2016 og initially improved but has deteriorated again, no appetite, lethangy and pain around mouth. On examination the dog is still suggressive so examination limited, eyes unken and soluded. Clawseptin was tarted and to continue Zantac. 3 feb 2016 owner reports dog is unable to see very well, muscle loss at back of head and dog seems in pain in for limits, started on Metacam and Fortecker. 8 feb 2016 happers inne being on Metacam, pupils dilated and owner believes dog is now blind. Lethangic at home, eating well. Muscle loss around head and body, in consult room, bumple into thise, Predidaled started. The dog was presented the same day, limited examination due to aggression, but better as unable to see Vet. Abscert papillary light refuses in both eyes and seems certainly blind. Unable to examine ettan. Offered a neurological referral, but due to financial constraints owner declined. 15 Feb 2016 by dipter and more aller but continues to be blind. Continues on Prediminolen. Nothing Untert expected. Follow up 3 Mar 2016 - the dog is improving and is getting some sight back, improved demension; co	Rottweller	46	Nobbac L4 Supervisor for Injection for Open 1-1/N/M. Jol. ml (28/11/2015-28/11/2015)-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>	O - Unclassflable/unassessable	NCA agrees with the MAM assessment.
	GBR-MERCKMSD-2016-UK-00733	United Kingdom	Animal		10 Year(s)	16/02/2016	17/02/2016	1 1	0 17/02/20	6 Yes, <e r=""> <b< td=""><td>Leucocytosis,Loose stool,Haemorrhagic diarrhoea,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia</td><td>No Data</td><td>Haemorrhagic diarrhoes, Jethargy, anorexia, hyperthermia within 24 hours of vaccination. Treated with VTFT, ratibiotics analysisis. Blooks down leucopeins. Deteriorated that day, and temperature dropped, recovered over the following 24 hours. No further information expected.</td><td>i Beagle</td><td></td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml (16/02/2016- 16/02/2016-BR> >BR>Nobivac KC - 1,N/A,N/A, 24,1 Dose (16/02/2016- (16/02/2016-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (16/02/2016- 16/02/2016-BR>>BR></td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></b<></e>	Leucocytosis,Loose stool,Haemorrhagic diarrhoea,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	No Data	Haemorrhagic diarrhoes, Jethargy, anorexia, hyperthermia within 24 hours of vaccination. Treated with VTFT, ratibiotics analysisis. Blooks down leucopeins. Deteriorated that day, and temperature dropped, recovered over the following 24 hours. No further information expected.	i Beagle		Nobivac DHP - 1,N/A,N/A, 10,1 ml (16/02/2016- 16/02/2016-BR> >BR>Nobivac KC - 1,N/A,N/A, 24,1 Dose (16/02/2016- (16/02/2016-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (16/02/2016- 16/02/2016-BR>>BR>	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-00769	United Kingdom	Animal		1 Year(s)	10/02/2016	11/03/2016	1 1		R> <b< td=""><td></td><td>Not Known</td><td>Coughing, anxiety and unable to clear throat (coded lanyageal irritation) an unspecified period post vaccination. No treatment given, outcome unknown. Swabs taken were negative.</td><td>Jack Russell Terrier</td><td>7.5</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (10/02/2016-10/02/2016-10/02/2016)-RBN>BN>Nobivac KC - 4,N/A,N/A,10,0.4 ml (10/02/2016-10/02/2016-18h>-8BN>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (10/02/2016-10/02/2016-10/02/2016-18h>-8BR></td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></b<>		Not Known	Coughing, anxiety and unable to clear throat (coded lanyageal irritation) an unspecified period post vaccination. No treatment given, outcome unknown. Swabs taken were negative.	Jack Russell Terrier	7.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (10/02/2016-10/02/2016-10/02/2016)-RBN>BN>Nobivac KC - 4,N/A,N/A,10,0.4 ml (10/02/2016-10/02/2016-18h>-8BN>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (10/02/2016-10/02/2016-10/02/2016-18h>-8BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00784	United Kingdom	Animal	Canine/dog	5 Year(s)	15/01/2016	03/03/2016	1 1	0 01/02/20	6 Not Known	Lack of efficacy	Not Known	Suppected lack of efficacy: emesis (ID-11 times) approximately 3 weeks post second Violviac L4 vaccination. Bloods showed: hymphopenia, essinophilib, blochemistry normal. Treatment with amonyclar, omepasois and Synduck. Tresis continued. Stander of or 8 hours. Bloods repeated, lymphopenia continued. Bloods and urine taken 6 days post onest showed Leptospira. Dog improving, Tests sositive for Lansiblaw, all other Gerovans neateur. Doe fully recovered.	Labrador Retriever	20.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/01/2016-15/01/2016) 	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-00799	United	Animal	Canine/dog	3 Month(s)	09/02/2016	19/02/2016	1 1	1 17/02/201	6 Not	Vocalisation,Leucocytosis,Lymphop	Other	Central nervous system excitability and vocalisation 8 days post vaccination and concurrent Milbemax	Yorkshire	1		O1 - Inconclusive	NCA agrees with the MAH assessment.
		Kingdom								Known, BR > BR>BR>BR> Yes, BR>R R>GR>No	euthanasia,Reluctant to move,Abnormal test result,Hyperglycaemia,Electrolyte disorder	,	administration. Vocalisation, Lachycardia, hypergiycaemia and convokions later the same day. The dog was selatied. Blood test showed leucoyorias, lymphopens; neutrophila, elevated AP and hyponatraemia. Treated with antibiotics, analgesia and further sedation. No improvement leading to euchanasia later the same day. NP BMC carried out. Similar signs were seen in the littler mate to this dog post vaccination (see linked case 2016-UK-00800), no Milbemax given on this occasion.	Terrier		Small Dogs and Pupples - S,N/A,N/A 24,0.5 Tables (90/02/2016- 09/02/2016)<8R><8R>Nobivac DHPP!-1,N/A,N/A,10,1 ml (99/02/2016)<8R><8R>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml (09/02/2016- 09/02/2016)<8R><8R>		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00899	United Kingdom	Animal	Canine/dog	4 Year(s)	11/01/2016	30/06/2016	1 1	0 06/02/201	6 Not Known, RR> 	Haemolytic anaemia, Low platelet counti, ymphocytosis, Neutrophilia, Vomiting, Decreased appetite, Lethargy (see also Central nervous system depression in Neurological), Alnormal test result, Immune mediated haemolytic anaemia, Elevated At, Tilevated SAP, Decreased red blood cell count, Decreased haemoglobin, Alnormal red blood cell, Monocytosis	Other	Emesis and lethargy 1 month post 1st dose vaccination of 14, DPB and Kiz and concurrent Abocate application. Treated with Cerenia leading to some improvement pairt from slight ancress 3 days later. 2nd dose of Nobivac L4 administered. Lethargy and immune mediates haemolytic anaemia diagnosed 3 days later treatment started. Blood transfusions given 9 days later. Sight improvement over the next 8 days. Continued treatment with omergrazole, predisciolone, clopidgel and mycophenolate. Blood blood showed anemia, low HCT and 16h, pilk MCV, leucorytosis, neutrophilia. MCV returned to normal after several days. Bloods 6 days later showed deveated AT, ALAP, EASP, MCV and MCH. MCV and MCHC were normal HC following day. Approximately 1 month later, leucorytosis, neutrophilia, https://doi.org/10.1006/10.100	Other Canine/dog		Advocate Spot- on Solution for Large Dogs - 1.N/AN/A, 24 1 osse (1.1/01/2016- 11/01/2016-BR-NBN-blobvac DVP- 1.N/AN/A, 0.1. ml (11/01/2016- 11/01/2016)-BR-NBN-blobvac KC - AN/AN/A, 10.0. ml (11/01/2016- 11/01/2016)-BR-NB-Nblobvac LS Suppension for injection for Dogs - 1,N/AN/A, 10.1 ml (11/01/2016- 09/02/2016)-BR-NBN-	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00906	United Kingdom	Animal	Canine/dog	3 Year(s)	21/02/2016	25/02/2016	1 1		6 Not Known	Vomiting,Off colour,Irregular breathing,Decreased appetite,Diarrhoea,Abdominal pain.Elevated temperature	Not Known	Malaise, emesis, diarrhoea, anorexia, abdominal pain and pyrexia 2 days post vaccination. Treated with NSAIDs, Cerenia, Zantac and problotics leading to no improvement. Continued emesis, diarrhoea and dyspnoea reported 2 days later. Outcome unknown.	Alaskan Malamute	35.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (21/02/2016-21/02/2016) 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00914	United Kingdom	Animal	,,,,,	1.5 Year(s)	16/02/2016	01/04/2016	1 1		6 Yes, <b R> Yes</b 	Pyrexia, Lethargy (see also Central nervous system depression in 'Neurological'), Musculoskeletal pain	No Data	Lethurg, pyrexia and pain of the neck and spine noted within 2 weeks post vaccination. Steroid treatment started set stapscerts eminglish. The dog was proviously diagnosed with meningitis and was treated with steroids during the previous year. Dog was assumed to have recovered. No further information.	Other Canine/dog	Not Known	(16/02/2016- 16/02/2016) SRS>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (16/02/2016- 16/02/2016) BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-00918	United Kingdom	Animal	Canine/dog	3 Year(s)	27/05/2014	26/02/2016	1 1		R> Yes	Panting, Nasal discharge, Eyes rolling back, Hypoxia	No Data	Hypoxia, yes's rolling back (Bill Conscious), bichypnose, nasal discharge within Z minutes of vaccination. This curred whilst the days being placed in the car. No treatment gleven, just monitored. Dog had history of issues with brachycephalic upper airway syndrome, eye issues, and also reported to have had a reaction to the same vaccinations administered one year earlier. No further information is available.	French Bulldog	7.59	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (27/05/2014- 28/05/2015)-BR> Nobivac Pi- 1,N/A,N/A ,10,1 ml (27/05/2014- 28/05/2015) 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00930	United Kingdom	Human	Human	22 Year(s)	26/02/2016	26/02/2016	1 1	0 26/02/201	6 Not Known	Eye stinging	Not Known	Student vet experienced stinging in her right eye after spraying it with vaccine. She flushed the eye and was reported to have recovered.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,10 		
	GBR-MERCKMSD-2016-UK-00931	United Kingdom	Animal	Canine/dog	3 Year(s)	18/12/2015	14/04/2016	1 1	0 22/12/201	5 Yes, Yes	Seizure NOS, Elevated temperature	No Data	Convulsions 4 days post vaccination. Blood tests were all normal. Further convulsions the next day. Another convulsions and hyperthermia 7 weeks later. Treatment with low dose of Pexion started. Over the following two months, Pexion has continued. No further information.	English Springer Spaniel	17.3	Nobivac DHPPI - 1,N/A,N/A, 10,1 ml (18/12/2015): BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (18/12/2015- 18/12/2015): BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00933	United Kingdom	Animal	Canine/dog	2 Year(s)	29/02/2016	29/02/2016	1 1	0 29/02/201	6 Yes, <b R> Yes</b 	Tachycardia,Lameness,Ataxia,Musc le tremor,Panting,Elevated temperature	No Data	Lameness during the same consultation as dew claw trim, Nobhac L4 and KC. Progression to ataxia, tachpynoea, hyperhemia, muscle termon and tachpycanda, not intravenous cathever was placed but no treatment was given. Signs had improved after 15 minutes. No further information.	Jack Russell Terrier	9	Nobivac KC4,N/A,N/A ,10,0.4 ml (29/02/2016- 29/02/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (29/02/2016- 29/07/2016):CBR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00939	United Kingdom	Human	Human	Not Known	28/02/2016	28/02/2016	1 1	0 28/02/201	6 Not Known	Cold feeling of extremity	Not Known	Vet stabbed her finger whilst vaccinating a dog. She reported that the finger felt a little cold, but circulation was good. She washed the injury. MAH awaits further information.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,10 		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00965	United Kingdom	Animal	Canine/dog	10 Year(s)	27/02/2016	15/03/2016	1 1	0 28/02/201	6 Yes, <b R> No</b 	Injection site granuloma,Injection site swelling,Injection site pain,Panting,Anorexia,Lethargy (see also Central nervous system depression in "Neurological"),Reluctant to move,Pyrexia,Local swelling (not application site)	Other	Tachyproca, lethurgy, rijection the uselling, injection site pain, anorexis, pyraxis, localized swelling of the neck and legs, neck pain and reluctant to walk 24 hours post vaccination. Treated with fluids, methodore and antibiotics. FMA of the swelling showed serous fluid. KSAIDs and Vetergesic admiristered Cypology, whosee for cells, no inflammation and no abnormal cells therefore most admiristered Cypology aboved for cells, no inflammation and no abnormal cells therefore most respective of vaccine fluid reaction or stells vaccine granuloms. Swelling is resolving, although not fully recovered. Nothing further expected	Greyhound	35	Nobivac DHP - 1,N/A,N/A,10,1 ml (27/02/2016- 27/02/2016)-BR>~BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (27/02/2016- 27/02/2016)-BR>~BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00968	United Kingdom	Animal	Canine/dog	4 Year(s)	12/01/2016	01/03/2016	1 1	0 14/01/201	6 Not Known	Diarrhoea, Hepatopathy, Other immune system disorder NOS, Polyarthritis, Lameness, Anorex a, Lethargy (see also Central nervous system depression in Yeurological'), Reluctant to move, Malaise, Pyrexia, Stiffness NOS, Shivering, Licking, Swollen limb. Drooline	Not Known	Lethurgy noted after going for a walk 2 days post vaccination. Malaise noted 1 week later. Diarrhoza and licking of the front legs started the next day. Anorexis 5 days later followed by diarrhoza, pryexia, stherting, hypersalwation and flort leg lameness the next day. No abnormalities noted on blood tests. Treated with antibotics. Stiffness 3 days later, treated with course of Doxycytine. Lameness and stiffness after course finished, bloot tests showed hepstophsty, weeling of limb, treated with flucks. Joint taps showed immune mediated polyarthritis. Treated with the prednisolone leading to improvement.	French Bulldog	16.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (12/01/2016-12/01/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00972	United Kingdom	Animal	Canine/dog	11.5 Year(s)	18/01/2016	01/03/2016	1 1	0 27/01/201	6 Not Known, BR SBR>GBR>CBR> Yes, CBR>CBR>CBR R>CBR>Not Known	Immune mediated haemolytic anaemia, Enlarged lymph node (localised), Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Vaccination with Nobivac L4 and KC and treatment of dental disease with Antirobe. Lethurg following vaccination and Antirobe enset (assumed 25 mg based on weight). 9 days later lethurgy persisted, popiliteal lymphadenitis noted. Diagnosis of immune mediated haemolytic anaemia 2.5 weeks post treatment onest. Positive side agglutination and tests by an external laboratory. Referral for a blood transfusion. Ultrasound showed mild age related changes but no real abnormalities. No further information.	Other Canine/dog	8.1	Antirobe Capsules 25 mg - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-00980	United Kingdom	Animal	Canine/dog	3.5 Year(s)	04/02/2016	11/03/2016	1 1	1 15/02/201	5 Yes, <r>>CR>>CR R>−GR>−GR>−Not Known</r>	Pale mucous membrane, Distension of abdomen, Jaundice, Polydigisia, Drnik ng a lot, Frequent urination, Death by euthanssia, Inappetence, Weight loss, Abnormal lett result, Face and neck swelling (see also 'Skin'), Other blood disorder NoS, Lifewated A.T., Elevated total blinkbin, Elevated SAP, Abnormal utrasound finding, Abnormal necropsy finding, Prolonged activated partial thrombin time (APT1), Prolonged one stage protrombin time (CSPT1,NT - granulomatous hepatitis	Not Known i	Anorexia, polytigisia, polyuria, pale mucous membranes and jaundice 11 days post vaccination with Nobinac Lat and Kr. Aer arbibla 1 few days previously. Bloods showed: prolonged aPTT. PT. hepatopathy (elevated ALFV and ALT), elevated billividins, low urea. Treatment with Vitamin Kr. and Destill. Urine the following day showed billindinuis. Saughton was Doberman hepatits. Anoresis persisted 4 days after onest accompanied by weight loss. Treatment with Destoll; vitamin Kr. Synulox and Nisamos. 4 days later the day fael actes some rubber matting from a stable but otherwise remained anorexic. Treatment with Denamarin, Periactin, Cerenia and Prediciare. 2 days later anorexis stopped to their neuronal sollar, bundled persisted. Ultrasound the following day showed a small amount of free fluid in the abdomen and possibly in the thorax, bit elevation lives were thickned. The following day the dog developed orderm of the next. Steroids were increased, the dog was admitted at some stage and given intravenous fluids and antibiotics. 2 days later the dog remained hospitalised with junciace and abdominal distension. Luthansia was performer. Mr. Stowed Street of serosargarious fluid in the abdomen, mottled liver, granulomatous hepatitis. The spleen was pale and strunken and the kidneys were pale. Hetitology results pending, too lepto hidroge, Results returned as Doberman Chronic Hepatitis copper accumulation and immune mediated mechanism. Urine PCR negative pre post mortem, after post mortem urine PCR positive. Nothing further expected.	Dobermann	30.2	Nebbac KC - 4.N/A,N/A, 10,0.4 ml (04/02/2016) (04/02/2016) (04/02/2016) (RR-RB-Nobbac L4 Suspension for Injection for Dops - 1,N/A,N/A, 10,1 ml (04/02/2016) (04/02/2016) (RR-KBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-N	01 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-01029	United Kingdom	Animal	Canine/dog	3 Month(s)	11/02/2016	03/03/2016	6 6	6 13/02	/2016 Yes, <br R> >Known</br 		Not Known	Lethargy and emesis starting 2 days post vaccination in 6 of 6 pugpies vaccinated. Death 2 days post onset. No further information.	German Shepherd Dog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (11/02/2016- 11/02/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (11/02/2016- 11/02/2016) 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01057	United Kingdom	Animal			02/03/2016	04/03/2016	1 1	0 03/03	R> Known	'Neurological'), Vestibular disorder NOS, Head tilt - ear disorder, Ataxia, Inappetence, Horizo ntal nystagmus	Not Known	Ernesia, anoreals, head tills, horizontal rystagmus, stasia and mild offits externs starting within 2A hour of Nobinec L4 and NC Diagnosed with vestbular diseases. Treatment with antibiotics, Dexafort and Cerenia. Outcome unknown. No further information.	Springer Spaniel	19.2	Nobivac KC - 4,N/A,N/A,10,0.4 ml (02/03/2016- 02/03/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (02/03/2016- 02/03/2016)-BR>-BR>		NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01058	United Kingdom	Animal	Canine/dog	12.1 Year(s)	07/03/2016	12/04/2016	1 1	1 07/0	/2016 Yes, BR>BR>BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	res, death,Cyanosis,Haemangiosarcom	No Data a	Cyanosis and collapse 1.5 hours post vaccination. Treated with oxygen leading to some improvement initially, Collapse and dealth Zhours later-PME showed rupture of the right atrium due to infiltration o a haemanglosarcoma in the haemopericardium.	Staffordshire f Bull Terrier	17.3	Nobivac KC - 4,N/A,N/A,10,0.4 ml (07/03/2016- 07/03/2016)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/03/2016- 07/03/2016)-BR>-BR>-Nobivac Rabies - 1,N/A,N/A,10,1 ml (07/03/2016-07/03/2016)-BR>>BR>	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01070	United Kingdom	Animal			03/03/2016	08/04/2016	1 1	1 04/03	R> 	res abdomen,Found dead,Fluid in abdomen NOS	No Data	Vaccinated with Nobius CDPI and LL, also sent home with flas treatment and wormer (unknown if these were given,) Death the same night. PME showed distended absomes, bloody fluid in the abdomen, haemorrhagic periosteum of the dorsal skull and subdural haemorrhage over cerebrum. Histology confirmed death was due to meningsencephalitis predating vaccination.	Crossbred	2	Nobivac DHP - 1,N/A,N/A, 10,1 ml (03/03/2016- 03/03/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (03/03/2016- 03/03/2016)-BR>-SBR>	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01098	United Kingdom	Animal				09/03/2016	1 1	0 09/03	R> Known	Not xis,Collapse (see also 'Cardio- vascular' and 'Systemic disorders')	Not Known	Collapse, hyperailvation and emesis 5 minutes post vaccination. Treated with Maropitant, outcome unknown. Possible anaphylaxis.	Other Canine/dog	11.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (10/02/2016- 10/02/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01102	United Kingdom	Animal	Canine/dog	4 Year(s)	17/02/2016	09/03/2016	1 1	0 17/02	/2016 No	Tachycardia, Anaphylaxis, Panting, H peraemic mucous membrane, Hyperthermia, Shaking	y Other	Tachypnoea and shaking noted 2 hours post vaccination. Tachycardia, congested mucous membranes and pyrexia noted on examination 1 hour later. Treated with Dexamethasone. Full recovery by the next day.	Border Terrie	11.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/02/2016-17/02/2016) 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01130	United Kingdom	Animal	Canine/dog	2 Year(s)	18/02/2016	10/03/2016	1 1	0 01/03	/2016 Yes, <bf R> </bf 	Leucocytosis, Lymphopenia, Pale mucous membrane, Not drinking, Lethargy (see also Central nervous system depression in 'Neurological'), Off Colour, Pyrexia, Mucous stool, Blood in faeces, Not eating, Dry mucous membrane	Other	Malaise, lethargy and ancress 12 days post vaccioation. Treated with antibiotics. Pyresis, further acrossis 1 west later. Blood tests showed lescocytosis and printpopense, further antibiotics and NSADOs plene. Ancresis, adjains, pyresia, dehydration and mucous faeces the next day. Given fluid treatment and SADOs. Sight improvement the next day apart from palle mucous membranes, sent home with antibiotics, NSAIDs and Cerenia.	English Springer Spaniel	19.05	Nobivac KC4,N/A,N/A ,10,0.4 ml (18/02/2016- 18/02/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (18/02/2016- 18/02/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01147	United Kingdom	Animal	Canine/dog	9 Year(s)	24/03/2015	11/03/2016	1 1	0 24/04		Sa Agitation, Abdominal real pain, Distension of abdomen, Vomiting, Gall bladder & bile duct disorder NOS, Enlarged liver, Jaundice, Not drinking, Weskness, Not eating, Pancrealitis, Elevated liver enzymes, Ahormal ultrasound finding, Elevated amylase	No Data	Emesis, abdominal pain, agitation, elevated amylase, consistent with recurring pancreatitis within 1 month of vaccination. Dog has suffered previously with pancreatitis. Treated with analysiss. The following day anoresia, weakness, adipsia, treated with subcutaneous fluids, electrolytes, analgesia, antemetics and antiactifs followed by IVTT and utriasousd whowed hepatomegals, jusual of intestities (coded as abnormal utrasound finding), and a hyperechoic area near stomach/liver consistent with pancreatitis. Distension of abdomen also noticed. Bloods showed mild reduction in amylase however elevated liver enzymes (ALP). Supportive treatment continued and showed some signs of improvement. Owner had been treating with unknown homeopatic drops as well. Started treatment with antibiotics, probiotics/prebotics, pancreatic enzyme supplements, vitamins, liver support, antacks; eating with but mild juvinduce and messis daily. Further liver tirus audu showed enlarged bulg dacts. Showed further improvement after further IVT and supportive treatment. Recovered within 5 weeks. No further information executed.	Jack Russell Terrier	10	Nobiwa CHP - 1,M/A,N/A,10,1 ml (2,4/03/2015)-8R>~8R>Nobiwac L4 Suspersion for Injection for Dogs - 1,N/A/M,10,1 ml (2/03/2015)-8R>~8R>	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01186	United Kingdom	Animal	Canine/dog	5 Year(s)	03/03/2016	29/03/2016	1 1	0 04/03	/2016 No	Leucocytosis, Neutrophilia, Muscle tremor, Lethargy (see also Central nervous system depression in 'Neurologicai'), Pyrexia, Hypoalbum naemia, Elevated BUN, Elevated ALT, Decreased packed cell volume (PCVI Monorytosis	Other	Lethargy, hyperthermia starting within 2a hour of vaccination. Treated with MSAIDs 4 days later, following day 1/4F and antibiotics. Books showed leucocyonis, mild anaemia, neutrophilia, hyposilbuminaemia, elevated BUN, elevated ALT. Further antibiotics added. Hyperthermia has resolve however owner reports not much improvement in herself. Examined 6 days later. Bloods showed: anaemia, leucocyotis, neutrophilia, monocytosis. Combis negative. 3 days later hed og was pyreids and had muscle tremors. PCV had improved but anaemia persisted. 7 days antibiotics were prescribed which lead to an acaparate recovery. No circular information	Crossbred	14	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/03/2016-03/03/2016) BR>	A - Probable	Lethargy and hyperthermia known to occur following vaccination therefore product related reaction is probable. Blood results could feasibly be related to vaccine therefore overall probable (A).
	GBR-MERCKMSD-2016-UK-01208	United Kingdom	Animal	,,,,	3 Month(s)	06/02/2016	16/03/2016	1 1	0 06/03	R> 	r'es	No Data	Suspected lack of efficacy: Emesis when second vaccine was due [1 month after first vaccine]. Admitted 3 days lack or due to continued emesis, diarnione and positive (EV says last. Treatment with fluids, Cerenia, Zantac and Syndox. Snap text negative the following day; Hospitalised for 7 days before discharge. Considered recovered. No further information.	Labrador Retriever	6.4	Nobivac DHP - 1,N/A,N/A, 10,1 ml (06/02/2016- 06/02/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (06/02/2016- 06/02/2016)-BR> 	N - Unlikely	No efficacy expected.
	GBR-MERCKMSD-2016-UK-01251	United Kingdom	Animal	Canine/dog	3 Year(s)	17/03/2016	18/03/2016	1 1	0 17/0	2016 Not Known	Panting, Anaphylaxis, Vomiting, Resti essness, Pyrexia, Cyanosis	Not Known	Tachypnoea and restlessness starting in the car on the way home from Nobivac L4 vaccination. Cyanosis, emesis and hyperthermia. Treatment with oxygen, Dexadreson and Cerenia. Admitted over night. Improvement the following day. No further information.	German Spitz Pomeranian	- 5.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/03/2016-17/03/2016) 	A - Probable	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01286	United Kingdom	Animal		2.8 Month(s)	16/02/2016	22/03/2016	1 1	0 16/02	R> Known	> <b (see="" also<br="" facial="" swelling="">Not 'Skin'),Respiratory discomfort	Not Known	Allergic cedema of the face and dysgnose within a few hours post vaccination. The dysgnose appeared to be more due to discomfort than due to airway blockage. Treated with desadreson leading to recovery the same day.	Pug		Nobivac DHPPI - 1,N/A,N/A,10,1 ml (16/02/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (16/02/2016- 16/02/2016)-BR> 		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIONSD-2016-UK-01298	United Kingdom	Animal	Canine/dog	7 Year(s)	22/07/2015	22/03/2016	1 1	1 07/09	Y2015 Yes, RN-BR> Known		Not Known	Glucosuria and lettosis 6.5 weeks post second Noblwac L4. Weight loss and hyperglycaemia 1 week latter. Treatment with houlin. hyperglycaemia and urine dnange persisted design does increases 1, month post insulin, anorexia, tachycardia, hyperglycaemia and letosiciosis. Sent home the following day. 1 day later. hyperglycaemia, lettanya, zatasi, hypothemic, dahntited and treated with fluids Bloods showed: elevated SAP, hyperghosphateemia, hyponatraemia, hyposlalsemia, leucocytosis, hymphoppenia, reani starfficiency (rectains elevated, elevated red bodo cells, leveated heamoglobin and haematocrit. Euthanasia performed. No further information. Linked tos similar signs in another dog and a reaction at the first vaccination 2016-UK-01296, 2016-UK-01299	Affenpinscher	5.1	Carinsulin 40 IU/m Suspension for Implection 4.5.112 hours, 19,4.5 IU 12 Hours (4 Week(s) IV/h. 12/10/2015)=R8-Bit-Noblayet al. Suspension for Injection for Opgs 1.N/A/M, Al.0.1 In (12/07/2015)=R8-eR8-	N - Unlikely	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCXMSD-2016-UK-01299	United Kingdom	Animal	Canine/dog	10.6 Year(s)	22/07/2015	22/03/2016	1 1	1 17/08/201	Yes, <b R>BR>GR>Yes, CBR>BR>BR>BR> BR>GR>NOT Known</b 	Abdominal pain Voniting Catract, Collapse (see also 'Cardio-vascular' and Systemic disorders') Death by with assis Anoroxia, Decreased appetite, Reluctant to move, Lack of efficacy, Dehydrion, Regurgitation hyperg	Not Known	Gucossin, Isematuria, ketonuria and hypergyacemia starting 3.5 weeks post Nobivac L4 and DHP. A unianq ratcal friedro was identified. The Go gwas started on Caninsulan and antibiotics. The insuling dose was increased over the next 2 months in the face of continuing hypergyacemia (suspected lack of efficacy) but 2 months after starting issuin the Gog developed proteinuria, glicociar and bilaterial catarcats. Dose increases continued and Exocin was started for the eyes. 3 months later the Gog became annexes and was treated with EIZ. Reguiptistion, Doyldgisa, annexia, lethargy, dehydration the following day. Treatment with Cerenia and Synulov. The following day the dog showed emesis, collague, abdominia plain and an abdominia mass caudal to the storanch. Euthansia performed. Linked to 2016-UK-01296, 2016-UK-01298. Two dogs from the same household showed similar signs post vaccination.	Affenpinscher	6.64	Carlistalin 40 III/ml suspension for Injection - 5,112 Flows; 13,8 III 2 Hours; 15,8 III 2 Hours; 15,8 III 2 Hours; 15,8 III 2 Hours; 15 Month(s); 17/08/2015-22/01/2015;-8BN-8BN-Nobiwac DIPI-N/N/N/A, 10,11 III (2/MS/2015-24/06/2015)-8BN-8BN-Nobiwac L4 Suspension for Injection for Dogs-1,N/N/A, 10,1 ml (22/07/2015-22/07/2015)-BRN-6BN-	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog		03/03/2016	23/03/2016	1 1		Yes, <br R> < BR> < BR> Not Known</br 		Not Known	Dyspnes 3 days post vaccination. Not examined at this time. Dyspness still ongoing 10 days later, treated with Cobusen and antiblotics. No improvement noted within next 3 days so NSAID treatment given, outcome unknown.	Pug	9	Nobivac DHP - 1,N/A,N/A,10,1 ml (03/03/2016- 03/03/2016-BR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (03/03/2016- 03/03/2016-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (03/03/2016- 03/03/2016-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01305	United Kingdom	Animal	Canine/dog		15/03/2016	13/04/2016	1 1		Yes, <b R> Not Known</b 	colour,Pyrexia,Injection site abscess,Injection site swelling,Injection site pain,Polydipsia,Ataxia,Polyuria	Not Known	Malaite, polyuria and polydgaia is days post vaccination. Ataxia and annoreals the next day, Pyrexia, injection site swelligar and injections site abscess noted on examination. The lump was later lanced and drained surgically as an injection site abscess was diagnosed. Abscess was surgically removed and culture confirmed P. auruginosa.	Golden Retriever		Nobivac DHP - 1,N/A,N/A,10,1 ml (15/03/2016- 15/03/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/03/2016- 15/03/2016)-BR> 		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01328	United Kingdom	Animal	Canine/dog		21/03/2016	24/03/2016	1 1		Yes, <b R> Not Known</b 	Haemorrhagic diarrhoea,Vomiting,Reduced responses	Not Known	Naemornhagic diarrhoea, emesis and lethargy within 24 hours post vaccination. Blood tests taken 3 days later were all mornal. Snipet sto postuble for parnovins and faceal sample was positive for Glardia. Treated with Panacur, metronidazole and fluids, outcome unknown.	Labrador . Retriever		Nobivac DHP - 1,N/A,N/A,10,1 ml (21/03/2016- 21/03/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (21/03/2016- 21/03/2016)-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01330	United Kingdom	Animal	Canine/dog	11 Week(s)	24/03/2016	24/03/2016	1 1	0 24/03/2010	Yes, <b R> Not Known</b 	Vomiting,Anaphylaxis,Swollen face (see also 'Skin'),Allergic pruritus	Not Known	Allergic cedema of the face, emesis and allergic pruritus 10 minutes post vaccination. Possible anaphylaxis. Treated with steroids, outcome unknown.	English Cocker Spaniel		Nobivac DHPPI - 1,N/A,N/A,10,1 ml (24/03/2016- 24/03/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01338	United Kingdom	Animal	Canine/dog	1 Year(s)	08/03/2016	24/03/2016	1 1	0 09/03/2010	Yes, <b R>BR>Yes</b 	Dull, Tense abdomen, Pyrexia, Lethargy (see also Central nervous system depression in 'Neurological'), Decreased appetite, Wheezing	No Data	Lethary 24 hour post vaccination followed by ancresia 2 days later. Pyrexis noted on examination, Tracted with NSADC, continued pyrexis, lethary and addominal pain the next day. Treated with fluids, radiographs of abdomen were unremarfable. Improvement later the same day, dog sent home, Deterioration the next day with lethary and pyrexis. Wheeling noted on examination but chest radiographs were unremarfable. Unknown if any treatment given but reported to be doing well the next day.	Labrador , Retriever	10.8	Nobivac DHP - 1,N/A,N/A,10,1 ml (08/03/2016- 08/03/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (08/03/2016- 08/03/2016):BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01368	United Kingdom	Animal	Canine/dog	2 Month(s)	23/03/2016	29/03/2016	1 1	0 28/03/2010	Yes, <b R> Not Known</b 	Injection site abscess,Elevated temperature	Not Known	Pyrexia and injection site abscess 5 days post vaccination. The abscess was lanced, flushed a drain put in place under general anaesthetic. Treated with antibiotics and NSAIDs leading to recovery.	Border Collie	7.8	Nobivac DHP - 1,N/A,N/A,10,1 ml (23/03/2016- 23/03/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (23/03/2016- 23/03/2016) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01433	United Kingdom	Animal	Canine/dog	14 Year(s)	08/03/2016	31/03/2016	1 1	0 29/03/201	Yes, <g R> Not Known</g 	Low platelet count, Leucopenia, Ora bleeding, Digestive tract haemorrhage NOS, Haemorrhagic diarrhoea, Oral pain, Hypoalbumina emia, Elevated SAP, Decreased haemoglobin, Decreased packed cell volume (PCV), Anaemia NOS, Thrombocytopenia	l Not Known	Bleeding from the gums and a mass on the lower jaw 3 weeks post vaccination. Treated with antibiotics. Reemortagic darriches the next day. One assimistant the tissue around the incisors was fraible and prollferative and painful. Blood tests showed leucopenia, anaemia, thrombocytopenia, happoproteinaemia and elevated AR. Treated with Desadreson, rantidine, Tramadol and omeprazole leading to improvement the next day.	English Cocker Spaniel	22	Nobivac KC - 4,N/A,N/A,10,0.4 ml (08/03/2016-08/Nobivac L4 (08/03/2016)-68R>-8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (08/03/2016- 08/03/2016)	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIMISD-2016-UK-01439	United Kingdom	Animal	Canine/dog	5 Year(s)	11/05/2015	31/03/2016	1 1	0 28/05/201	Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Hypoalbuminaemia, Hyperkalaemia Elevated SAP, Decreased red Blood cell count, Decreased packed cell volume (PCV) Polyphaga, Low platelet count Pale imucous membrane, Vomiting, Polyphaja, Pol vira, Pruritus, Lethragy (see also Central nervous system depression in Neurological Pikelutant to move, Malaise, Abnormal test result	No Data	Lethargs, reluctant to move, pale mucous membranes, malaise, anaemia, thrombocytopenia, hyperplachimens, levated ASP within 17 days of vaccination. Treated with a arthropine and stendisk, parameters improved over 10 days. Medications continued. Three weeks later enesis, however possible into its stendish therefore preds withdrawn. Over the following month showed further improvement, was given a steroid injection, however posylogist and ophylogist and ophylogist and ophylogist and ophylogist were noted, and again 2-3 months lates a well as lethargs, bloods with normal limits. The following month, clinical signs had resolved, no further information expected,	Labrador Retriever	33.4	Azattioprine (Human) - N/A,N/A/N/A N/A/N/A(N-N/A)-N/A/N/A N/A/N/A(N-N/A)-N/A-BRBR-Nobivac DIP- 13/N/A/N,A 10,1 ml (11/05/2015-BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A/N/A,10,1 ml (11/05/2015- 11/05/2015)-BR-NB-predisciolone (Human) - N/A/N/A,N/A/N/A (N/A-N/A)-BR->BR->	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01443	United Kingdom	Animal	Canine/dog	5.8 Year(s)		01/04/2016	1 1	0 01/03/2010	Not Known,
 Not Known</br 	Tachycardia, Panting, Malaise, Tongu e disorder NOS, Shaking	Not Known	Malaise and rejaxodes of tachgones and tip of tongie was paker than normal within 2.4 hours post vaccination. Tachyoradia and shaking on examination 3 days got vaccination. Tachyonadia and shaking on examination 3 days got vaccination. Inchinoment if any treatment given, outcome unknown. The dog was also on long term Apoquel (assumed to 5.4mg).	Boxer (German Boxer)	Not Known	Apoquel 5.4mg Film-coated Tablet for Dogs - N/A,N/A,N/A,N/A,N/A (N/A-N/A) -BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (N/A- 29/03/2016) -BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	9 Year(s)	19/02/2015	01/04/2016	1 1	0 14/12/201	Yes, <b R> No</b 	Neutrophilia, Vomiting, Anorexia, Pyr exia, Dry mucous membrane, Abnormal test result, Bloated, Elevated ALT, Elevated SAP, Elevated gamma- glutamyl transferase (GGT)	Other	Pyrexia, emesis, dehydration, bloated abdomen and blood tests showed hepatopathy, low use and neutrophilia 11 months post vaccination. Treated with fluids, artiblotics, Denamin and Destolit leading to improvement. Repeat blood tests 2 weeks later showed improvement in blood levels.	Cairn Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (23/01/2015- 23/01/2015)-BRS~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/02/2015- 19/02/2015)-BR>~BR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01462	United Kingdom	Animal	Canine/dog		01/02/2016	01/04/2016	1 1		Yes, <b R> No</b 	'Neurological'),Malaise	Other	Anorexia, malaise and lethargy 1.5 months post vaccination. Lepto PCR on Blood sample was positive. Treated with fluids and artibiotics leading to recovery.		7.9	(01/02/2016- 01/02/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/02/2016- 01/02/2016) 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01465	United Kingdom	Human	Human	40 Year(s)	01/02/2016	27/05/2016	1 1	0 14/03/2010		Nasal discharge,Pain NOS,Fever,Tiredness,Influenza-like symptoms	Not Known	Owner developed flu and fever, 1 month after dog was vaccinated against kennel cough and leptospinosis. She was still unwell with a fever, rumny nose and was tired: The symptoms were not treated. Blood tests were negative for leptospinosis. Linked to GBR-MERCIXMSD-2016-01466 (yet nurse), GBR-MERCIXMSD-2016-01461 (dog) and GBR-MERCIXMSD-2016-01462 (dog). MAH awaits further information.	Human	Not Known	Nobivac KC - .4,10 Nobivac L4 Suspension for Injection for Dogs - 1,10 		

NOBIVAC L4	GBR-MERCKMSD-2016-UK-01466	United Kingdom	Human	Human	36 Year(s)	01/02/2016	09/05/2016	1 1	0 23	3/03/2016	Not Known,
 Not Known</br 	Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'), Fever, Generalised weakness, Influenza-like symptoms, Musculoskeletal pain	Not Known	A vet rurse developed muscular pain, flui-like symptoms, inappetence, letharge, weakness and fever 5 days after coming into contact with a dog, that had been vecinated against tennel cough and leptospirosis 46 days (6.5 weeks) prior to the contact. The nurse had got blood on her un-gloved hand whilst testing the dog's blood sample for leptospirosis. The sample was PCR positive for tepto. She was treated with doopsycline for 1 week an of returned to work 4 few days later when the symptoms had resolved. No clinical tests were performed. Linked to GBR-MERCINDS-2016-01465 (owner), GBR MERCINDS-2016-01464 (fold) and GBR-MERCINDS-2016-01464 (fold).	Human -	Not Known	Nobivac KC - .4,105RR> Nobivac L4 Suspension for Injection for Dogs - 1,10 		
	GBR-MERCKMSD-2016-UK-01471	United Kingdom	Animal	Canine/dog		12/02/2016	01/04/2016	1 1	0 27	7/02/2016	Yes, 	Haemolytic anaemia, Low platelet count, Eucocychsis, Neutrophilia, Pa le mucous membrane, Vomiting, Polydipsia, Poly uria, Decreased appetite, Malaise, Dry mucous membrane, Abnormal test result, Discoloured urine, Decreased haemoglobin, Decreased packed cell volume (PoV), Monocytosis, Unusual stool colour	No Data	Malaise, anorexia, emesis, discoloured urine (dark), unusual stool colour (orange) within 15 days of receiving LA, har dreved L4/RC/IPA on emnth prior. Three days later, pale mucus membranes, dehydration, decreased haemoglobin, decreased PCV, leucocytosis, treated for immune mediated haemolytic anaemia, and started steroids and gastroprotections. Started showing igsis of improvement, and over the following week parameters improved slightly however mild themotocytopens, marked neutrophilal and monocytosis. PCV improved within the mext few days however no improvement noted in mucous membranes. No further information expected.	Jack Russell Terrier	6.25	Nobisac DHP - 1.M/A/M/, 20.1 ml [12/01/2016] 13/01/2016; BRBB-Nobisac KC - 4.M/A/M/ A.10.0 at ml [13/01/2016] 13/01/2016; BRCBR-Nobisac L4 Suspension for injection for Dgs -1.M/A/M/ A.10.1 IL/201/2016 12/02/2016; BR		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01482	United Kingdom	Animal	Canine/dog	3 Year(s)	14/08/2015	07/07/2016	1 1	1 01	1/03/2016	Not Known	Death by euthanasia,Lack of efficacy	Not Known	Suspected lack of efficacy. Anorexa, tachycardia and occasional cough 7 months post wacrination. Lepto serology was negative. Treated with antibiotics and Cerenia. Ultrasound of the liver was suggestive of an infection. Deterioration leading to referral. Euthanasis due to positive Lepto PCR. A liver sample has been sent away for typing but no information received. No further information.	Labrador Retriever	34.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/08/2015-14/08/2015) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01484	United Kingdom	Animal	Canine/dog	5 Year(s)	12/03/2016	04/04/2016	1 1			Not Known,
 Not Known</br 	Distress,Hypersalivation,Anaphylaxi s,Convulsion,Tiredness,Shaking	Not Known	Shaking, connulsions and hypersalivation 3 hours post vaccination followed by distress and lethargy leading to full recovery within 30 minutes. Possible anaphylaxis.	King Charles Spaniel	9.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (12/03/2016- 12/03/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/03/2016- 12/03/2016):BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01486	United Kingdom	Animal	Canine/dog		22/12/2015	05/07/2016	1 1			Not Known	Lack of efficacy	Not Known	Suspected lick of efficacy, Lethargy, abdominal pain, emesis, malaise and dark facecs 2 months post 740 does vaccination. Anoresia 1 weeks later and so was referred. Blood tests showed anemia and autoimmune haemolytic aniemia was suspected. Blood testpospira PCR was negative but urine was positive for Grippophysica. Testade with doxycycline, but this was withdrawn after one month due to causing adverse effects. Atopica treatment started. AHA not confirmed. No further information.	Crossbred	8.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (22/12/2015-22/12/2015) 	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01566	United Kingdom	Animal	Canine/dog	8 Year(s)	11/03/2016	12/09/2016	1 1	0 12	2/03/2016	Yes, <b R>BR>Yes, >BR> BR> Not Known</b 	Panniculitis, Dermatitis, Injection site swelling, Abnormal test result, Elevated SAP	Not Known	Injection site lump noted within a few days post vaccination. Treated with antibiotics and NSAIDs. Swelling increased in sise. Lump surgially excised 3 weeks job vaccination, intelliops showed programulomatous parniculitis and dermatitis associated with reactive fibroplasia and angiogenesis. The microcihip was also found in the centre of the mass (infriorchipped several years before this], Follow up 12 Sept 2016 - Bloods run on 8 Sept 2016 show ALKP 230 (12-212). Nothing further expected.	Other Canine/dog	10.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (11/03/2016- 11/03/2016-BR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (11/03/2016- 11/03/2016)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (11/03/2016- 11/03/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKM/SD-2016-UK-01631	United Kingdom	Animal	Canine/dog	5 Month(s)	07/01/2016	18/05/2016	1 1	0 20	0/03/2016	Yes, <br R> >Not Known</br 	Proteinuria, Urinary tract infection, Elevated BUM, Elevated creatinine, Inappropriate urination, Eosinophilia, Vomiting, Polydipsia, Polyuria, Lethargy (see also Central nervous system depression in Neurological"). Abnormal test result, Disorder of red blood cell NOS, Blood in urine, Urine abnormalities NOS	Not Known	Emesia and lethargy 2.5 months post 2nd dose vaccination. Further emesia and lethargy 4 days later. Untantion in the boxe 2 days after this. NAO on clinical examination. Treated with Znatac, Cerenia and Ziac. Polyuria, polydigisia and no further emesis 5 days later. Blood tests showed renal insufficiency, ecolopibilia and readoned Mich and MCV. Leivated SDMA and rime sample showed hearnaturia, proteinuria and possible urinary tract infection (white blood cells and epithelial cells). Some improvement. Treatment with Nisamov. Urea and Creations ormali no bloods. 6 days later still polyuria and polydipsic. Referral centre suspect acute kidney infection. Still dribbling urine. No further information.	Akita d	19.3	Nobiac DHP - 1,N/A,N/A,10,1 ml (19/12/2015)- (19/12/2015)-BR->BR-Nobiac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (07/01/2016- 07/01/2016)-BR->BR-	N - Unlikely	NCA agree with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01635	United Kingdom	Animal		14 Year(s)	31/03/2016	12/04/2016	1 1	1 05	5/04/2016	Not Known	Off colour,Ascites,Breathlessness,Cardi ac disorder NOS,Diarrhoea,Dyspnoea,Panting,D eath	Not Known	Tachynnoea, dyspronea, diarrhoea and milalise 5 diays post vaccination. Dyspronea, ascites and muffle heart sounds the nest day. Treated with Vetmedin and frusemide. Death later the same day. No PME carried out. The dog was reported to have a few lumps at the time of vaccination (no further details provided).	Yorkshire Terrier	5.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (31/03/2016-31/03/2016) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01655	United Kingdom	Animal		9 Week(s)	06/03/2016	26/04/2016	1 1			Not Known,
 Yes, <br R> Yes</br </br 	'Neurological'),Weight loss	No Data	Emesis, Giarnhoea and lethargy starting within 14 days (an unknown date) of Noblace DHP, Noblace LH and Advocate (assumed small dogs based on weight). Treatment with Noroclas and gastrointestinal det. Weight loss noted at presentation for second vaccination 3.5 weeks later. The dog developed diarnhoea again and died after this episode. Linked case 2016-UK-01657 for detail.			Advocate Spot- on Solution for Small Dogs - 1,N/A,N/A,24,1 Dose (06/03/2016-06/03/2016-08/03/2016-06/000000000		NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01667	United Kingdom	Animal	Canine/dog	14 Year(s)		04/05/2016	1 1	0 01	,,	R> Yes, < BR> Not Known	Polydipsia, Polyuria, Alopecia NOS, Flaking skin, Skin inflammation NOS	Not Known	Alopecia of hindlimbs and skin inflammation on thighs starting at least 1 week post second 14 and just over a month after ONOboxe CHPK. Can Al. 5. Spherical designamation, polyuria and polydipcia also noted. Treatment with Rileoine and Malaseb. Alopecia reportedly resolving but no further investigations. No further information.		Not Known	(23/02/2016)-BR> Nobivac KC - 4,N/A,N/A ,10,0.4 ml (23/02/2016-23/02/2016-23/02/2016-8R>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (N/A-23/03/2016)-BR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01741	United Kingdom	Animal	Canine/dog	11 Year(s)	08/04/2016	18/04/2016	1 1	0 13	8/04/2016	Yes, <b R> Yes, >BR> BR> NO</b 	Abdominal pain, Diarrhoea, Vomiting, Decreased appetite, Lethargy (see also Central nervous system depression in 'Neurological'), Not eating, Walking difficulty, Hyposensitivity to pain	Other	Acoresia, lethargy and abdominal pain 5 days post vaccination, blood tests showed no abnormalities. Treated with anlagisci, artibiotics and band diet. Emeis, darmoea, ancresia, adjuina, abdominal pain, lethargy and no pain response in the hind limbs the next day. Fluids, methadone and Cerenia treatment started. Some improvement win the next 3 days.	Toy Poodle	3	Nobivac DHP - 1,N/A,N/A,10,1 ml (08/04/2016-08/04/2016)-BR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (08/04/2016-08/04/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2016-08/04/2018-08/04	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-01753	United Kingdom	Animal	Canine/dog	5 Month(s)	16/04/2016	18/04/2016	1 1			Yes, <b R> Yes</b 	also 'Skin')	No Data	Allergic cederum [fise], urticaria and pruritus within 30 minutes of administration, treated with steroic and antihistamine, which resolved but recurved later, fivice. Urticaria continued, so was treated with IVFT and further steroids, Nothing further expected.	ds Pug	5.3	Nobivac DHP - 1,N/A,N/A, 10,1 ml (16/04/2016- 16/04/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (16/04/2016- 16/04/2016):BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01761	United Kingdom	Animal	Canine/dog	7 Week(s)	13/04/2016	19/04/2016	1 1	0 18	8/04/2016	Yes, <b R>BR>BR>Not Known</b 	Stiffness limb,Bone and joint disorder NOS,Swollen limb	Not Known	Stiff limbs, straight and oedema noted 5 days post vaccination. Radiographs showed calcification and soft bone swelling. Treated with NSAIDs, outcome unknown.	Boxer (German Boxer)	4.75	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/04/2016- 13/04/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (13/04/2016- 13/04/2016):BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-01787	United Kingdom	Animal	Canine/dog	1.2 Year(s)	07/04/2016	27/04/2016	1	1 1	17/04/2016	Yes, <b< th=""><th>Lymphopenia,Neutropenia,Abdomi</th><th>Not</th><th>12 days post vaccination: lethargy, anorexia, emesis and adipsia. On examination: lethargy, hyperthermia, tachypnoea and abdominal pain. Admitted for fluids, pain relief and antibiotics.</th><th>Crossbred</th><th>6.5</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml (07/04/2016-</th><th>O1 - Inconclusive</th><th>NCA agrees with MAH assessment.</th></b<>	Lymphopenia,Neutropenia,Abdomi	Not	12 days post vaccination: lethargy, anorexia, emesis and adipsia. On examination: lethargy, hyperthermia, tachypnoea and abdominal pain. Admitted for fluids, pain relief and antibiotics.	Crossbred	6.5	Nobivac DHP - 1,N/A,N/A ,10,1 ml (07/04/2016-	O1 - Inconclusive	NCA agrees with MAH assessment.
											Known	nal pain, Nomiting, Tachypnoea, Death by euthansia, Inappetence, Lethargy (see also Central nervous system depression in Neurological'). Pyrexia, Abnormal test result, Decreased packed cell volume (PCV). Decreased drinking, Leucopenia, Non- regenerative anaemia, Low platelet country.	Known	Abdominal radiographs unremarkable. Bloods: hymphopenia, neutropenia, leucopenia, ecisiopenia, e			07/04/2016):«BR-«BR-Noblwa: L4 Suspension for injection for Dogs- 1,N/A,N/A, 1.0,1 ml (07/04/2016- 07/04/2016):«BR-«BR-		
	GBR-MERCKMSD-2016-UK-01862	United Kingdom	Animal	Canine/dog		22/04/2016	25/04/2016	1	1 1		R> Not Known	Anaphylaxis,Apnoea,Tachypnoea,D eath,Laboured breathing	Known	Tachypnoea, dysponea and apnoea starting within 3 hours of Nobbvac DHP and L4. Death despite mouth to mouth. No PME. Assumed anaphylaxis. No further information.	Jack Russell Terrier		(22/04/2016- 22/04/2016) Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (22/04/2016- 22/04/2016 SR>>BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog		14/03/2016	25/04/2016	1	1 1		Yes, <br< </br< 	Hypokaleemia, Monocytosis, Decreas set packed cell volume (PCV), Decreased haemoglobin, Decreased red blood cell count, Shaking Haematuria, Immune mediated haemolytic anaemia, Atnormal test result, Pryecia, Mahaise, Death by euthanasia, Vomiting-Pale mucous membrane, Neutropilia, Lymphocyt oisi, Eucocytosis, Low platelet Crunt	a No Data	Malaise within 5 days of second L4 vaccine. Emesis, shaking, hyperthermia three days later. Was treated with antienteds and articles. Hemanturis, bilinitivinia, proteinuris, pale mucous membranes the following day. Treated with antibiotics. Bloods showed hypotalasema, high sodium/potassium ratio (coded as abnormal test result, leucoroptiss, hymphocysis, monoprosis, surpoutpolila, decreased PCV/RBC count/haemoglobin, low platelet count. No reference ranges given for remaining results. Two days later reported agolitication possible so diagnosed as autoinomine haemoglici anaemia, treated with aspirin, omeptazole and steroids, however no improvement therefore death by eurhansasia. Nothing further expected.	English Springer Spaniel		Nebbac DHP - 1.N/A.N/A.10.1 ml [14/03/2016-1	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIMASO-2016-UK-01897	United Kingdom	Animal	Canine/dog	9 Year(s)	15/03/2016	02/02/2018	2	1 1		Not Known, SRS-SR> Not Known, Known, SRS-SRS-SR> Not Known Known	Death by euthanasia, Lack of efficacy, Elevade AIT, Elevated ble acids, Elevated SAP, Abnormal ultrasound finding	Not Known	Suspected Lack of Expected Efficacy for Lepto On 15 Mar 2016, a dog was vaccinated with a bootster vaccination of Noblows LC furknown if given a troom temperature. The dog was healthy at the time of vaccination. Onsion was dispensed for osteoarthrist (first time use) at the time of examination, as well as a file and de-woming got-on (unknown product) and Orlenia to be used as a topical ear medication (unknown exact details). On 8 Apr 2016, routine blood sampling was performed prior to use of non-steroidal anti-inflammanistics. ALP 138 (12.81), ALF 1980 (13.78) and resting ble sid of 2 (1-0), On 14 Apr 2016, the dog was reported as of if food, polyuric, polydipic, and vomiting. The dog presented the same day, where an ultrasound of the laver revealed a paticity patient. On 15 Apr 2016, Lepto PCR was negative, but an antibody value was positive at 400 p-200 or greater shows active shedding). Lepto FCR was negative and no other testing or PM carried out so do not know serowar in this case. On 16 Apr 2016, the dog deteriorated and the owner elected estudensia. It was reported that the owner's other dog was vaccinated on the same day, however the dog is clinically well and no adverse event has occurred. Not further information is expected. Follow up 20 CH2016- reported that the other dog that was vaccinated is negative for PCR Lepto. Nothing further expected.	Labrador Retriever	28.9	Nobiwa L L Suppension for Injection for Tops: 1.1/A/1, 1.0.1 ml Not applicable 1 Animal (15/03/2016-15/03/2016-15/03/2016-16/8-RB-Onsion 40 mg Tablets for Tops: N/A/N/A/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N	O1 - Inconclusive	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01931	United Kingdom	Animal		2.4 Year(s)		27/04/2016	ęd	1 0		Yes, <b R> No</b 		Other	Cougling and sneezing starting 2 days after the Nobivac KC and L4 and persisting for at least 2 weeks. Outcome unknown. No further information.		3.03	Nobivac KC4,N/A,N/A ,10,0.4 ml Not applicable 1 Animal (14/04/2016- 14/04/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (14/04/2016- 14/04/2016)-BR> 	,	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-01939	United Kingdom	Animal	Canine/dog	Not Known	01/01/2015	19/04/2016	10 1	.0 1	01/01/2016	Not Known	Injection site pain, Death	Not Known	Injection site pain in 10 puppies following Nobivac L4. Death in one immediately following vaccine. No further information expected.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/01/2015-01/01/2016) 	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4		United Kingdom	Animal	Canine/dog	6 Year(s)	29/04/2016	29/04/2016	1	1 0		Yes, <b R>BR>Not Known</b 	Bradycardia,Pale mucous membrane	Not Known	Pale mucous membranes and brady, ardia within 15 minutes of vaccination. Recovery within 30 minutes with no treatment. No further information.	Shih Tzu	4.18	Nobivac DHP - 1,N/A,N/A,10,1 ml (29/04/2016- 29/04/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (29/04/2016- 29/04/2016) 	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01970	United Kingdom	Animal	Canine/dog	3 Month(s)	05/04/2016	03/05/2016	1	1 0		Yes, <b R> >Yes</b 	Seizure NOS	No Data	Convulsion within 7 days of vaccination. Dog was presented a week later for second vaccinations and declined further investigations. Nothing further expected.	Boxer (German Boxer)	10	(05/04/2016- 05/04/2016) BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (05/04/2016- 05/04/2016) BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-01975	United Kingdom	Animal	Canine/dog	9 Week(s)	24/03/2016	04/05/2016	1	1 0		R> Yes	Nasal discharge, Sneezing, Ulcerative dermatitis, Ulceration NOS, Depigmentation of nasal plane, Enlarged lymph node (localised)	e No Data	Seezing within 14 days of vaccination, followed by imphademits, nasal discharge, depigmentation of nasal plane, ulceration on pads within the following few weeks (at time of second vaccination, dates unknown). Blopsies of nose and pads showed ulcerative dermatitis, possible hypersensitivity reaction/ possible auto immune disorder. Nothing further expected.	Crossbred	3.5	(24/03/2016- 24/03/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (24/03/2016- 24/03/2016) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02013	United Kingdom	Human	Human	29 Year(s)	05/05/2016	08/06/2016	1	1 0	05/05/2016	Not Known	Injection site bruising, Injection site swelling, Injection site pain, Weakness	Not Known	Vet self-injected into the fleshy part of her 4th finger, near the nail, of her right hand with a dirty needle. She felt faint (coded as weakness) due to the pain. There was localised swelling at the injection site and bruising. Further information requested by MAH not received.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,, 		
	GBR-MERCKMSD-2016-UK-02072	United Kingdom	Human	Human	Not Known	09/05/2016	09/05/2016	1	1 0	09/05/2016	Not Known	Injection site bleeding	Not Known	Dog owner was scratched on her hand with the needle as her dog was being vaccinated. The wound was washed and bled a little. The needle was clean and no product was injected. The practice does not have contact details of the owner, so it is not possible to obtain further information.	Human	Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,, 		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02085	United Kingdom	Animal	Canine/dog	2 Year(s)	05/05/2016	09/05/2016	1	1 0	05/05/2016	Yes	Vomiting,Lameness,Lethargy (see also Central nervous system depression in 'Neurological'),Stiffness NOS	No Data	Lameness, lethargy, emesis and stiffness within 1-3 days following second vaccination. VS suspected immune mediated polyarthritis, treated with steroids. No further information expected.	Crossbred	8.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (05/05/2016-05/05/2016) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02131	United Kingdom	Animal	Canine/dog	10 Year(s)	06/05/2016	11/05/2016	1	1 0	06/05/2016	No	Ataxia, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Breathlessness	Other	Lethargy immediately, then dyspnoea, ataxia, anorexia within 6 hours of second L4 vaccination. Recovery without treatment within 24 hours. No previous reaction. Nothing further.	Crossbred	37	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (06/05/2016-06/05/2016) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02132	United Kingdom	Animal	Canine/dog	3.5 Year(s)	18/03/2016	11/05/2016	1	1 0	20/03/2016	Yes, <b R> Not Known</b 	Gastroenteritis, Droopy ear, Anorexia, Lethargy (see also Central nervous system depression in 'Neurologica'], Facial paralysis, Difficulty chewing, Droopy lower lip, Shallow breathing	Not Known	Okooping of ear and lip 1-2 days post Nobiwa CHPI and LI. Lethargy and dysponea noted. Treatment with antibiotics. Referral on a nunknown date spirate lap and Mil diagnosed idopathic facil paralysis. Anorexia and gastroenteritis also present. Treatment with appetite stimulants and gastroprotectariss before being sent home a few days later. Unable to eat properly but some improvement noted. No further information.	Chihuahua	5.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (18/03/2016- 18/03/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (18/03/2016- 18/03/2016)-BR> 	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-02148 GBR-MERCKMSD-2016-UK-02150	United Kingdom	Animal	Canine/dog	9 Month(s) 4.5 Year(s)	06/10/2015	22/07/2016	1 1		R <	res, <b I> Yes, :BR> < SR> Yes</b 	Lack of efficacy Decreased packed cell volume	No Data	Suspected lack of efficacy: emissis, diarrhoea, lethiapy, tachycardia, tachypnoea, pyrexia approximately? nonthip sost second Nobloco EPM vaccine progression to haemorhagis diarrhoea. Bloods showed elevated ALIP and GGT, hyperglycaemia, leucopenia, granulocytopenia, lymphopenia, monocytopenia. Treatment with fluids and antibiotics. Further bloods sent eway which showed lymphopenia, elevated heamoglobin, elevated EVU, thrombocytopenia, eosinopenia. Parvo antigen positive on faeces. No further information. Hunched posture, mucoid faeces, anorexia, hyperthermia and abdominal pain starting approximately 4	Golden Retriever	20.8	Nobivac DHP - 1,N/A,N/A,10,1 ml (20/10/2015-20/10/2015-8R>-Nobivac KC - 4,N/A,N/A,10,0.4 ml (20/10/2015-20/10/2015/6RR-KBR-Nobivac L4 - Suspension for injection for Decision (20/10/2015-06/10/2015-0	N - Unlikely O1 - Inconclusive	NCA agrees with MAH assessment. NCA agrees with MAH assessment.
	Service and Servic	Kingdom		Camina	4.5 (GI(4)	63,63,2613	1,0,00			0,1025		(PCV) Assemia NOS. Aymphopenia, Tarry or black stool (see also haemonthagic diarrhose), Blood in vomit, minume system disorder NOS. Polyanthritis, Bradynopea, Nasa NOS. Weaknes, Depression, Reluctan to move, Malaise, Pyresta Autoous stool, Nabomalia posture NOS. Dry mucous membrane, Respiratory discomfort, Braining, Generalised skin reaction, Blood in unite, Proteinuria, Abdominal discomfort.	Known	months after second hobbact. LA Admitted the following day with suspected immure mediated polyarthritis; Confirmed on bloods). Treatment with steroids started 5 days later. The following day the dog developed melenen, malatee, bradymore, increased expiratory effort (phyproce), papules in ear, eyrthema, hot sink and brusting of pugitar evenjournel site. Prediscure continued, Alapica and morphized started. Emesis the following day 2 hours after mediations. Proteinaria and haematuria noted the following day, Bloods showed anaemia. Treatment with Cerenia, Periscrit, Vitamin is Decaderson the same day, slight improvement noted but deferiorated that aftermoon and showed reduced mobility. Emesis over right. Depression, tacky mucous membranes, erythema and russal discharge noted the following day. Bloods showed lymphopolen, anaemia. 6 days later the dog was weak and anorexic. Euthanasia performed. No further information.	Greyhound	Known	for Dogs - 1,N/A,N/A,1,0.1 ml (05/03/2015-05/03/2015)-GR>-6R>	GI MANUAL	
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02156	United Kingdom	Animal	Canine/dog	4 Year(s)	01/01/2016	12/05/2016	1 1	0 01/	/01/2016 Y	es	Epilepsy,Epileptic seizure,Foaming at the mouth	No Data	SAR received from literature article. Convulsion, hypersalivation within 2 weeks of vaccination. Diagnosed with epilepsy. Additional cases reported; see linked cases. Nothing further.	Rottweiler	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/01/2016-01/01/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02178	United Kingdom	Animal	Canine/dog	10 Week(s)	10/05/2016	12/05/2016	1 1	1 11,	05/2016 Y	'es, <b t> >Yes</b 	Death,Hypothermia,Gut pain,Shivering	No Data	Shivering intermittently from the day after vaccination. The following day: hypothermia, shivering, abdominal pain, death later that day despite fluids, steroids and antibiotics. No abnormalities on gross PME. No further information.	Yorkshire Terrier	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (10/05/2016- 10/05/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (10/05/2016- 10/05/2016)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02245	United Kingdom	Animal	Canine/dog	7 Year(s)	04/09/2015	24/06/2016	1 1	0 13,	/05/2016 Y	'es, <8 t> Yes	Lack of efficacy	No Data	Sapected lack of efficacy: sign of hepatitis starting 8 months post last Nobius CNP4 vaccine and 8 months after the last Nobius CNP4 vaccine and 8 months after the last Nobius CNP4 second vaccine). Presented with previse, mentic, leithing, gastroenterilis. Frestment with Dexadreson and Baytill. 2 days later: iteric mucous membranes, dull eyes, dehighted; journalised, steine advoices. Bloods Showed elevited ALT and ARZ, elevated anylase, hyperblitzbinsenia, hymphocytosis. Urinalysis: bilinithin of the scale, ptfs (jour specific gravity, Ultrazous drived sowed swollen beave thin doubled borders. Righter the following day on fluids and given Vetergesic. PCR negative. Signs improved. ALP reducing. No further information.	Other Canine/dog	20.65	Nobivac DHP - 1,N/A,N/A,10,1 ml (07/08/2015- 07/08/2015)-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (04/09/2015- 04/09/2015)-BR> 	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-02247	United Kingdom	Animal	Canine/dog	11 Year(s)	11/05/2016	30/08/2016	1 1	0 16,	/05/2016 Y	'es, ≺BR>K t>≺BR>KBR>Not known	Swelling NOS,Abdominal cavity haemorrhage, ligetion size mass,nigetion site brusling,Liver tumour,Lameness,Inappetence,Let hargy (see also Central nevous system depression in "Neurological"),Pyrexia	Not Known	Sepected adverse exection Naccinated on 11 May 2016 with Nobias CIPB and 14 (wincome figher at room temperature/seen on 16 May 2016 were report has become leftunge, lame and inappetant. On examination has a temperature of 39.5, respiratory rate 60, heart rate 120. Also a mas at the injection site yet actuals to the right scapular. The mass is a foot long operand, caudal to the Arilla around 2 inches thick, non painful but restricting. Significant brusing, Was given Metacam and Pardiale and antibiotic injection. They may of PAIA (fine needle aspirate) polen case, awalf further information. Follow up 9 Jun 2016 - Dog reported to have not improved and still exhibiting several busing and swelling and welling around the dependent neck. Fine needle aspirates taken and angies for clotting. Await further information. Follow up 16 Jun 2016 - Aller utitasound has found multiple tumours, reported some blessing from the tumours winch has gone into the abdoment. Conclision unrelated to vaccination. Await further samples from clotting etss. Await further information. Follow up 30 Aug 2016 No more information received, close case	Crossbred	16.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (11/05/2016-BN-OBHNObivac L4 Suspension for Injection for Dogs -1,N/A/N,A,10,1 ml (11/05/2016- 11/05/2016):BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02257	United Kingdom	Animal	Canine/dog	7 Week(s)	10/05/2016	26/05/2016	1 1	1 13,	R	'es, <b t> >Not tnown</b 	Abnormal necropsy finding,Anaphylaxis,Death,Breathin g difficulty,Abnormal test result	Not Known	3 days post vaccination, dyspinose progressing to death overnight. PMS showed pale and friable liver. Histology showed phoyous in organs and a possible number of causes include anaphylactic shock, there is no evidence of infectious aetiologies. No further information.	Schnauzer	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml (10/05/2016- 10/05/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (10/05/2016- 10/05/2016\cdot RR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02367	United Kingdom	Animal	Canine/dog	5 Year(s)	17/05/2016	21/07/2016	1 1	0 21,		'es, <b t> Not 'nown</b 	Injection site oedema,Injection site lump,Cough,Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Pyrexia,Not eating,Abnormal test result,Enlarged lymph node (localised)	Not Known	Lethaug, annreala, pyreala, cough and malalase starting 4 days post vaccinations. Injection site lump noted with nedema around the neck, Lymphadenitis Follow up 21 Jul 2016 – Swab was sent away, Strep Canis isolated. Nothing further expected.	Labrador Retriever	29.8	Nobivac KC4.N/A,N/A ,10,0.4 ml (17/05/2016- 17/05/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/05/2016- 17/05/2016)-BR> 	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-02399	United Kingdom	Animal		Not Known		13/07/2016	1 1		05/2016 N		Lack of efficacy	Not Known	Suspected lack of efficacy: joundice, renal and liver failure an unknown time after Nobiwac L4. The other dog in the household has not been vaccinated and is also showing signs. No further information.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (01/01/2015-01/01/2015) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-02415	United Kingdom	Animal		2.1 Year(s)	17/05/2016	06/06/2016	1 1		05/2016 Y		Injection site abscess,Off colour,Inappetence	No Data	Malaise and anorexia starting immediately after vaccination. Injection site pain and abscess on examination. Treatment with Synulox, Metacam and lancing under general anaesthetic. 2 perrose drains placed. Sutures and drains removed 7 days later. Swab identified beta haemolytic Streptococci. Further antibiotics started. No further information.	Cavalier King Charles Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (17/05/2016-17/05/2016) 	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-02434	United Kingdom	Animal	Canine/dog		15/09/2015	27/05/2016	1 1		/10/2015 Y		Other immune system disorder NOS,Claw / hoof / nail disorder NOS	No Data	Chewing at nails, sloughing of nails (coded as nail disorder NOS) within 2 weeks of vaccination. Histology suggested suspected immune mediated disease or possible allergy to vaccine or food. Started on Prednisolone. Nothing further expected.	German Shepherd Dog	32.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (15/09/2015-15/09/2015) 	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-02465	United Kingdom	Animal		Not Known	01/01/2016	14/09/2016	2 2		/01/2016 N		Autoimmune disorder NOS	Not Known	Supected adverse reaction Nery Imitted information, A vet went to BSANA and a Vet was speaking about vaccinations in logs and cast. Is etated he had experienced a massive increase in immune mediated disease cases developing in association with Notivac L4. He also said he would never use Notivac L4 in his own dog based upon the Peder SFARS. No more information on his, though we are trying to Obtain more. Open case Follow up 14 Sept 2016 Despite multiple attempts to gain more information the vet has no more information. Case closed.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/N,N/A, 10,1 ml (01/01/2016-01/01/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02495	United Kingdom	Animal	Canine/dog	7 Week(s)	25/05/2016	31/05/2016	2 2	0 30/	/05/2016 Y	'es, <b t> No</b 	Off colour,Abnormal test result,Lack of efficacy (parvovirus)	Other	Sign of parvovirus (unknown exact signs, malaise coded) 5 days post vaccination in 1 of 2 pupples vaccinated. Treatment with fluids. Both pupples vaccinated tested positive for Parvovirus on SNAP test. An unvaccinated puppy in the litter became very unwell and died the overnight then next day. Pavo SNAP positive. No further information.	Border Collie	1.9	Nobivac DHPPi - 1,N/A,N/A,10,1 ml (25/05/2016- 25/05/2016):BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (25/05/2016- 25/05/2016):BR>-BR>	N - Unlikely	NCA agrees with MAH assessment.

NOBIVAC L4																		
	GBR-MERCKMSD-2016-UK-02511	Kingdom	Attitud	Canine/oog	15 woning)	01/06/2016	02/06/2016		. 0 0.0/c	Known,
BR-\BR-\BR-\Yes,\BR-\BR-\Yes,\BR-\BR-\BR-\BR-\BR-\BR-\BR-\BR-\BR-\BR-</br 	IRP- Systemic - disorders) // Jornating Anaphylaxis, i- tes, perthermia, Malaise, Sridor (Upper - respiratory, For lower respiratory - see also Bronchial rale)	No Data	Anaphylactic signs. Malaise within 1 hour of Nobbac DIPPF and LE, Milbemas, Frontline and Bronchisheld. Emess, collapse, strifor, presis and tachpead then observed. Treatment with Colvasone and intravenous fluids. Recovery by the following morning. No further information.	Mairtoe	2.4	Bronch: Shled, Lyophilisate and Solvent for Suzgension for Nasal Drops for Dogs - N/AN/AN/A JA/AN/A (1)/6/2016- G10- G10- G10- G10- G10- G10- G10- G10	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02624	United Kingdom	Animal	Canine/dog	7 Year(s)	07/04/2016	07/06/2016	1 1	1 09/0	Yes, <b R> >BR</b 		No Data	Dental disease and entropion noted at vaccination. Emeis starting within a few days of vaccination. Approximately 1 month late, weight ions noted and emeis opping, Blood tests were normal, 26 day later, a palpable abdominal mass was identified. Prostatic tumour diagnosed 3 days later on ultrasound. Euthanased 1 month later due to deterioration. No further information.	English s Springer Spaniel	16	Nobivac DHP - 1,N/A,N/A,10,1 ml (07/04/2016- 07/04/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (07/04/2016- 07/04/2016)-BR>-BR>	O1 - Inconclusive	Tumour is not expected but vaccination role in some signs e.g. emesis, cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2026-UK-02666	United Kingdom	Animal	Canine/dog	2 Month(s)	06/06/2016	15/08/2016	1 1	. o os/c	//2016 Not Known, BR>-BR> Not Known, BR>-BR> FR >BR>-BR> Yes,-BR>-ER Known, BR>-BR> Known, BR>-BR> Not Known, BR>-BR> Not Known,	Re- (see also Central nervous system depression in 'Neurological') BR RP- BR BR	Not Known	Suspected adverse reaction Vaccinated on 28 May 2016 with Carigen DHPP and Letgo 2. (given at another practice) jume 2016 was vaccinated with Noblova DHP and Let (wishout emperature of the vaccine) Make Dave 2016 vaccinated with Noblova DHP and Let (wishout emperature of the vaccine) Make DHPP and Let (wishout emperature) with the vaccinated of the properties of the pro	Border Collie	3.12	Bravecto 112.5 mg Chewable Tablets for Gos - 11/A, N/A, 24.1 Tablets for Gos - 11/A, N/A, 24.1 Tablets for Gos - 11/A, N/A, 24.1 Tablets for Gos - 48.5 canigen Gos/Go/2015-8-8-855 canigen Gos/Go/2015-8-855 canigen Gos/Go/Go/2015-8-855 canigen Gos/Go/2015-8-855 canigen Gos/Gos/Go/2015-8-855 canigen Gos/Gos/Gos/Gos/Gos/Gos/Gos/Gos/Gos/Gos/	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02681	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	13/06/2016	1 1	0 09/0	F/2016 Yes, R×BR×BR Known	<= B Lack of efficacy Not	Not Known	Suspected lack of efficacy: anoresis, enesis, ocular discharge, depression. Admitted for fluids. Bloods normal. Positive puro VSAP Distributed later the same day. Intravenous fluids, Cerenia, Augmentin, metronidazole and Virlagen Omega given. Improvement the following day. No Noblvac DHP boosters had been given since primary course. Await further information.	English Springer Spaniel	15.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/09/2013- 02/09/2013)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/01/2016- 01/01/2016)-BR>-BR>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKM5D-2016-UK-02689	United Kingdom	Animal	Canine/dog	Not Known	01/03/2016	13/06/2016	1 1	0 10/0	/2016 Yes, <e< td=""><td>/es, t>< :B :BR</td><td>Not Known</td><td>Saspected lack of efficacy. collages, haemorrhagic distriboes, hypoxolaemic shock. Treatment with fluids, antibiotics, arti-mentics. Lethary, and ements use deep fort or presentation, instory of recent kennel stay. Bloods showed neutropenia. SNAP test positive for parvo. Responded to treatment and was discharged. No further information.</td><td>Newfoundland</td><td>20</td><td>Nebwac DIP - 1,11/4,N/A,10,1 ml 24/02/2016; 4BR-4BR-NebWac DIPPI- 1,11/4,N/A,10,1 ml 105/02/2016 05/02/2016 05/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,0 ml 05/02/2016; 4BR-8BR-NebWac KC-4N/AN/A,10,0 ml 24/02/2016; 4BR-8BR-NebWac KC-4N/AN/A,10,0 ml 107/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 6BR-6BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 6BR-6BR-NebWac KC-4N/AN/A,10,1 ml</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment.</td></e<>	/es, t>< :B :BR	Not Known	Saspected lack of efficacy. collages, haemorrhagic distriboes, hypoxolaemic shock. Treatment with fluids, antibiotics, arti-mentics. Lethary, and ements use deep fort or presentation, instory of recent kennel stay. Bloods showed neutropenia. SNAP test positive for parvo. Responded to treatment and was discharged. No further information.	Newfoundland	20	Nebwac DIP - 1,11/4,N/A,10,1 ml 24/02/2016; 4BR-4BR-NebWac DIPPI- 1,11/4,N/A,10,1 ml 105/02/2016 05/02/2016 05/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,0 ml 05/02/2016; 4BR-8BR-NebWac KC-4N/AN/A,10,0 ml 24/02/2016; 4BR-8BR-NebWac KC-4N/AN/A,10,0 ml 107/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 4BR-4BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 6BR-6BR-NebWac KC-4N/AN/A,10,1 ml 105/02/2016; 6BR-6BR-NebWac KC-4N/AN/A,10,1 ml	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02713	United Kingdom	Animal	Canine/dog	8 Year(s)	16/05/2016	14/06/2016	1 1	0 16/0	/2016 Not Known	Head tilt - ear disorder,Seizure NO	S Not Known	Head tilt, collapse, seizure starting 1 hour post Nobivac L4. Recovery after 10 minutes. No further episodes.	Other Canine/dog	6.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (16/05/2016-16/05/2016) BR> 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02719	United Kingdom	Animal	Canine/dog	12 Year(s)	28/05/2016	15/08/2016	1 1	1 28/0	/2016 Yes	Pale mucous membrane,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Death by euthanasia	No Data	Sapected alleves reaction Vaccinated on 28 May 2016 with Nobbact L6 furthcown if given at room temperature). Seen on 13 time 2016 owner reports that on the day of the vaccine the day flut a collapsing episode, it developed gale mucrui membranes. It has had these episodes prior to vaccination when on walls. When seen on 13 time 2016 the vets suggested theart failure or HMA. Though stoods were taken and were all normal. Owners decided to take her home, on the way home the collapsed again, so they took her back to the vets and decided to entitionishee her. They have sent her for a post mortem. Open case await results Follow up 15 Aug 2016 No more information received. Case closed.	West Highland White Terrier n	11.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (28/05/2016-28/05/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02746	United Kingdom	Animal	Canine/dog	11 Week(s)	11/06/2016	16/06/2016	1 1	0 15/0	/2016 Yes, <e R> <br< td=""><td>Not appetence, Lethargy (see also Central nervous system depression in "Neurological"), Pyrexia, Shivering, Slaking Abdominal discomfort</td><td>Not Known</td><td>Stivering, shaking, letharge, arrorsia and distribus starting d days post vaccination. I hous later, letharge, tachy-racin, abbottninal pain, byperthermia. Treatment with fluids, randition and probiotics. Emesis over night, diarrhoea continued. Discharged the following day. No further information.</td><td>English Cocker Spaniel</td><td>2.9</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (11/06/2016- 11/06/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (11/06/2016- 11/06/2016\-BR> </td><td>B - Possible</td><td>NCA agrees with MAH assessment.</td></br<></e 	Not appetence, Lethargy (see also Central nervous system depression in "Neurological"), Pyrexia, Shivering, Slaking Abdominal discomfort	Not Known	Stivering, shaking, letharge, arrorsia and distribus starting d days post vaccination. I hous later, letharge, tachy-racin, abbottninal pain, byperthermia. Treatment with fluids, randition and probiotics. Emesis over night, diarrhoea continued. Discharged the following day. No further information.	English Cocker Spaniel	2.9	Nobivac DHP - 1,N/A,N/A,10,1 ml (11/06/2016- 11/06/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (11/06/2016- 11/06/2016\-BR> 	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-02747	United Kingdom	Animal	Canine/dog	5 Year(s)	11/06/2016	16/06/2016	1 1		i/2016 Yes, <e R> No BR> No Known</e 	res,	No Data	Balteral hypersemis and potate discharge at vescation. Given Mastirol, Nobius L. 4 and Nobivec DNP The following dist he day began to develop facial nerve paralysis of the right eye. Noted to be improving 10 days post onset. No further information.	. Labrador Retriever		Nobiwac DHP - 1,N/A,N/A, 10,1 ml [11/06/2016-11/06/2016-BR>-RB>Nobiwac L4 Suspension for Injection for Dogs -1,N/A,N/A, 10,1 ml [11/06/2016- 11/06/2016)-BR>-BR>-dBR-dexamethaso ne + antibiotic eye drops (human) - N/A,N/A,N/A,N/A(01/06/2016- 01/06/2016)-BR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02764	United Kingdom	Animal	Canine/dog	9 Week(s)	06/06/2016	16/08/2016	1 1	0 11/0	i/2016 Not Known,
 No</br 		Other	Sappected adverse reaction. Vaccinated on 6 june 2016 with Nobbac CHPPI and L4 not given at root temperature ELU) no other treatment was given at the same time. 7 june 2016 the dog svallowed a slug. 15 june 2016 seen in practice, owner reported that on 11 june 2016 the dog became lethange an had diarrhoea, also vomiting several times. On examination it had raised /mpin nodes all over it's body. Temperature 377, vall has diarrhoea. Was placed on antibiotics and was given electrolytes. Open case awalt more information Follow up 16 Aug 2016 No more information received, close case.	Canine/dog	3.9	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (06/06/2016- 06/06/2016)-BRS- <brs-nobivac l4<br="">Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/06/2016- 06/06/2016)-BRS-<brs-< td=""><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment.</td></brs-<></brs-nobivac>	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-02872	United	Animal	Canine/dog	5 Year(s)	17/06/2016	08/07/2016	1 1	0 17	/06/2016	Yes, <b< th=""><th>Tongue</th><th>No Data</th><th>Suspected Adverse Reaction. Dog had similar reactions post vaccinations of Nobivac DHP and Nobivac Labrador 36.5 Nobivac DHP - 1,N/A,N/A, 10,1 ml B - Possible NCA agrees with MAH assessment</th></b<>	Tongue	No Data	Suspected Adverse Reaction. Dog had similar reactions post vaccinations of Nobivac DHP and Nobivac Labrador 36.5 Nobivac DHP - 1,N/A,N/A, 10,1 ml B - Possible NCA agrees with MAH assessment
		Kingdom								1	R> Yes	ulceration,Diarrhoea,Bloody diarrhoea,Vomiting,Malaise,Dehydr ation,Dry mucous membrane		14. See lined case: 2016-14C 02870. On 17 Jun 2016, dog vaccinated with Noblavo. UPF and Nobbus C.18 unknown if given a toron temperature. Reported that a few hours after vacciniston the dog developed distributes that then turned bloody within 48 hours. On 23 lun 2016, presented dehydrated, flat, skin tenting, tachy pink mucous membranes, given Metroridazole and Buscopan. On 24 Jun 2016, re-examined and reported a bit brighter, womited once that morning and still slightly dehydrated but better than the previous day. Also reported on this examination that dog had an ulcerated tongue. Gleen amonyclav and a ruttificial supplement Follow up 8 Jul 2016-reported to have normal bowel movements, ulcer remains on tongue. Nothing further expected.
	GBR-MERCKMSD-2016-UK-02909	United Kingdom	Animal	Canine/dog	9.6 Year(s)	03/06/2016	27/06/2016	1 1	0 03	i	R> No	Limb weakness, Hind limb ataxia, Hind limb paresis, Proprioception loss, Abnormal radiograph finding, Muscle atrophy (see also "Muscle wasting")	Other	Vaccinated with Nobvac (DHP and Nobvac (DHP and Nobvac (14 on 3 Jan 2016. Microching given at the same time. Staffordshife to Mobile Cal given straight from the fridge [Est Table Blue]. A the time of consult it was reported that the the dog had some sight hesitancy to jump in the last 4-6 weeks, slight muscle atrophy around left stifle and advised to rest for 1 week and slowly increase sercise. By the evening owner reported that the dog had gone off back legs. The dog was given some Lostcom. The dog was seamined on 25 Jun 2016. On earnimation muscle atrophy caudia to thoracolumbar junction and weakness of hind limbs and lack of prospicception. 27 Jun 2016 dog has continued with the same clinical signs. On examination the dog had reduced placing to both hind limbs, stake. Badiographs carried out and show arrowing of disc space between T11 and L1. The owner has been advised to refer the dog. Nothing further expected.
	GBR-MERCKMSD-2016-UK-02927	United Kingdom	Animal	Canine/dog	5 Year(s)	28/06/2016	28/06/2016	1 1	0 28		R> Not Known,
 </br 	Seizure NOS,Hypoxia	Other	The dog was vaccinated on 28 June 2016 with Noblava CHP, Noblava CL for lot at room temperature) and K. Yass well at the time but is revolves. The within 3 minutes the dog started selsuring. It had blue mucus membranes (coded as Hypoxia) so they placed it on oxygen therapy and disaepam. Recovered after a few minutes. No more information expected. 2 6 Noblava CP 1 2/206/2016- 2/206/2016
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02944	United Kingdom	Animal	Canine/dog	1.2 Year(s)	27/07/2015	29/06/2016	1 1	0 26		Yes, <b R> >BR>Not Known, BR > Not Known</b 	Meningitis	Not Known	Suspected Adverse Reaction Vaccinated on 29 Jan 2015 with Nobiac CRP and Nobiac L4, Vaccinated with the same vaccines on 27 Jal 2015. Nobiac CRP and Nobiac CRP and Nobiac CRP activated (unknown exact signs) a cerebral spinal tap was carried out on an unknown date and confirmed as Meningits. Suspected to be immune mediated. Fully recovered and been on steroids. Wearing off steroids, unknown dates. Nothing further expected. 27/07/2015-SRR-VBR-Nobivac KC - 4,N/AN/1,0,0 ml 1 / Inimal (11/11/2015-SRR-VBR-Nobivac KC - 11/11/1/2015-SRR-VBR-Nobivac KC - 4,N/AN/1,0,0 ml 1 / Inimal (11/11/2015-SRR-VBR-Nobivac KC - 4,N/AN/1,0,0 ml 1 / Inimal (11/11/2015-SRR-VBR-Nobiva
NOBIVAC L4	GBR-MERCKMSD-2016-UK-02946	United Kingdom	Animal	Canine/dog	6 Year(s)	03/02/2015	02/08/2016	1 1	0 30		Yes, <b R> Not Known</b 	Lack of efficacy	Not Known	Suspected Efficacy for Lepto. Vaccinated with primary vaccine on 6 Jan 2015. Second Orosbred vaccine given on 3 Feb 2015 with Noblave Deth and Noblave L. 2.1 and 2016 been on holisty and presented to Practice as distributes a starting on 30 May 2016 that has now resolved, but lethurgy since 1 Jan 2016, not entirely, and possibly holisting right for er a 1 furning angle, but unknown exact details. On examination mild pain in abdomen, temperature 39.5 celluls, heart rate 120 ppm, rectal exam showed soft vellow faces and afte treats in consult. Sent home with bland dist. 6 Jun 2016 venified overnight and today, admitted for bloods and intra venous Hilds, heart rate 130, and food. 31 Jun 2016 colvasone given, bright, eaten with no vomiting. Sent home with Denamarin, antibiotics and bland food. 31 Jun 2016 returned to perspiral practice. Examined on 23 Jun 2016 novel fully resolved. Blood and rune samples sent away. PCV 55. 15 (37-55), Calcium. 196 (2.2-3), AP 155 (12-88). Glosciere 2 (1.5-6), Lepto not detected on thool body as R. F. follow up 2 Aug 2016 -MAT and PCR on urine and blood negative for Leptospirosis. Nothing further expected.
	GBR-MERCIOMSD-2016-UK-02996	United Kingdom	Animal	Canine/dog		13/06/2016	30/06/2016	1 1		1	Yes,cBR>cBR R>cBR>Not Known	Abommal radiograph (inding) Digistive tract hypomolilly, Star- gamie, Leucorychis, Neutrophilla, Dro colleg, Joint stiffness, Abommal breathing, Elevate Gastric distinct, Abormal movement NOS, Proprioception deficit, Abommal test result, Impaired gastric function, United abommalities NOS, freematuris, Muscude; Neutrophilla, Joint, Elevated ALT, Elevated SAP Jank, Elevated ALT, Elevated SAP	Not Known	Vaccinated with primary Notiona CRP and Notiona L do n 13 iu n 2016. 23 iu n 2016 presented drooling in wind and walking slowly, spaced out appearance with a 1-hour most, betathing abnormal (unknown cast details) On presentation the clinical symptoms were midi. Radiographs were carried out and showed intentials lang pattern, storanch still like food in and sittle dilated with some gas, but no evidence of a torsion. Bloods were carried out, white Bloods Cells 29.55 (5.0-16.76), Neutrophils 2-57 (2-5-11-6.01-11.2), Estinghish (20. 00.6-1.21). Methodom given with intra venous fluids, heart rate 80, temperature 33.1 Celsius. Resents neck manipulation to the right and manipulation of room gas referred bloods than at Referral protecte, Art 47 (0-23), Aut P 116 (2-32), Calcium 3.2 (no range supplied), Neutrophils 2-58 (P 1-15.) Ultissound showed the stomach was discreted with food and seeding with and mid-hematuris. Placed on intra venous fluids and and inchesion of the stomach was discreted with food and seeding with and no vomitting or doculing. Heart rate 100, presented to reporting Practice eating well and no vomitting or doculing. Heart rate 100, presented to reporting Practice eating well and no vomitting or doculing. Heart rate 100, presented to reporting Practice eating well and no vomitting or doculing.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03039	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	04/07/2016	1 1	1 01	/01/2016	Not Known	Meningitis,Coma,Death,Balance impaired	Not Known	Suspected Adverse Reaction-Reported via Media Coverage (latached documental). Owners day was of their vaccinated with Notwork Lean an unknown date. Reported that within 3 weeks of the vaccine the day is a clinical day in a control of the vaccine the day is a clinical day in a control of the vaccine the day is a clinical day in a very late of the vaccine that day is a clinical day in a clinical day in a very late of the vaccine that day is a clinical day in a very late of the vaccine that day is a clinical day in a very late of the vaccine that day is a clinical day in a very late of the vaccine that day is a very late of the vaccine t
	GBR-MERCKMSD-2016-UK-03044	United Kingdom	Animal			12/05/2016	04/07/2016	1 1			Yes, <b R> >BR>Not Known</b 	Diarrhoea,Loose stool,Bloody diarrhoea,Vomiting,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Death by euthanasia,Moribund	Not Known	No further information is available. Reason for use for product: routine vaccination. State of health generalized by the product of the produ
	GBR-MERCKMSD-2016-UK-03051	United Kingdom	Animal	Canine/dog		04/09/2015		1 1			R> Not Known	Lack of efficacy	Not Known	Suspected Lack of Efficacy, On 4 Sep 2015, 6ge vaccinated with Nobivac DIP and Nobivac LI Quidonoval figure a room temperature proported has between 2-3 hal 2016, 6gh day fortuse watery distribes, writing, not eating and lethange. Persented on 4 Jul 2016, miserable, weight loss and proposition of the proposition of
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03055	United Kingdom	Animal	Canine/dog	2 Year(s)	10/06/2016	04/07/2016	1 1	1 27	/06/2016 Y	Yes, <br R> >ERP>Yes, < BR> </br 	Drooling, Vomiting, Retching, Pneum onia, Tachynonee, Nasal discharge, Cough, Death by euthanasia, Foaming at the mouth, Hyperphosphataemia, Mono cytosis	Other	Suspected adverse reaction Naccinated on 10 June 2016 with Noblaco DRPR and L4 and KC (not given Large L100/68/2016-19 hear 0.27 june 2016 on improvement, still eating and display cough Ceremia and Partiale dispense. 29 June 2016 no improvement, still eating and display cough Ceremia and Partiale dispense. 29 June 2016 no improvement, still eating and display cough Ceremia and Partiale dispense. 29 June 2016 no improvement, still eating and display cough Ceremia and Partiale dispense. 29 June 2016 no improvement, still eating and complex st

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	GBR-MERCKMSD-2016-UK-03064 GBR-MERCKMSD-2016-UK-03066	United Kingdom	Animal	Canine/dog	5 Year(s)	21/03/2016	04/10/2016	1 1	. 12	0.05.2216	Yes, <b< td=""> Yes, <br< td=""> Yes, <br< td=""></br<></br<></b<>	Hyperphosphataemia, Elevated BIM. Elevated restinien, MT - renal tubulonephrosis/fenal amyloidosis, Vamitia, Nephritis, Dea th by euthanasia, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Weight 'Neurological'), Weight result, Nausea, Hypoalbuminaemia, R egurgitation, Proteinuria Meningtiis, Decreased	Not	Singected Adverse Reaction. On 11 May 2016, day accinated with Nobbucc DHP and Nobbucc KT and first Nobbuc L4 (Indianoun fighe and 1 root temperature). Had a clear mucroid dicharge on examination, other wise If it and well in self and no other treatment given. On 17 Jnn 2016, day excinated with second Nobbuc L4 (Indianoun figher and 1 root temperature) and nothing else given at the same time. On 22 Jnn 2016, reported weight loss and somitting episodes have increased, reported- times a day the dag regrigatises. On Blood tests, use 20.3 12, 5–8, 3 and Crea 45 (27-124), On 24 Jnn 2016, put protein. On 29 Jnn 2016, ultrasound showed no abnormalities and given intravenous fluid therapy. On 1.1 20 (16), blood tests. 148, 234 (26, 3-38.2), Ultras 3, 31,31-10.1, Crea 61 (60-14-61, 5). SDMA (Symmetric dimethylarginnel 7 31:1-4), inorganic phosphorus 3.13 (80-01-100). Reported that these vaccinations were a restart. Awalt urther information. Follow up 14.3 Ulcr36-Cop flas developed more renal signs, however creations reduced to 500 (20-144.5) after intravenous fluid therapy. Ursa 21, 31-101 and has had further weight loss, younting and nusses. Currently receiving phosphate binder, benazepril and omerprazole and Cerenia with a renal det. Awalt further test results. Follow up 25 xll 2016 — the dop has become lethrage and inspeptant and planning on eurhansasis, awall further information. IV 2 Aug 2016 — the day was euthansaed on 2 Aug 2016, post morten was carried out in Practice and histology samples sent aways. Chroline versitistic reflow up 04 Ct 21 (3-10) up of 1 and 10-11 flas and 10-04 CPT regalites and sent sent seller. No further information expected.	1	12.85	Nobbwac DHP - 1,N/A,N/A,10,1 ml (11/05/2016) 11/05/2016;BR-MSBP-Nobbwac KC - 4,N/A,N/A 1,0.0 at ml (11/05/2016) 11/05/2016;BR-MSB-Nobbwac L4 Suppension for injection for Dogs - 1,N/A,N/A,10,1 ml (17/05/2016) 17/06/2016/sBR-MSP	O1 - Inconclusive B - Possible	NCA agrees with the MAH assessment. NCA agrees with the MAH assessment.
		United	Animal	Canine/dog				1 1	. 0 1	9/05/2016	R-SBR-SNot Known	appetite, Lethargy (see also Central nervous system depression in Neurological'), Weakness, Rehutcant to move, Localised pain NOS (see other 'SOCs' for specific pain), Pyresia, NOS (see other seed), Portal tributation, Persea bedomen, Debuggian, Portal tributation, Persea bedomens, Pale mucous membrane, Neurophilia, Decreased haemoglobin, Nothersteamal transportation, Portal tributation, Portal transportation, Portal transportatio	Not	2016 owner returned home at Junch to find the dog very quiet and not moving, appears to have a sore throat. The dog was presented to the emergency vets. Dog is a chew so Vet suspected could of eather something. On examination naussous when abdomen palpated, temperature 33 & Celsius. Blood smarer stowed an opinident pale to the properties of the properties of the properties of the properties. The dog was presented to the reporting Practice. Not been eating or direction, contained and properties and the properties. The dog was presented to the reporting Practice. Not been eating or drinking. On examination cranial abdomen elsome for the analysis of the properties. The dog was admitted for intra venous fluids, Buscopan and Clam La given. Dn 22 May 2016 Abdomen temes, offered bloods but owere opted for Metacam trial and the dog was sent home. 31 May 2016 Still not eating much. Passed a small amount of yellow distribeca previous day. The dog was admitted again for intra venous fluids and bloods. No results supplied, but reported marked elucocytoxis, neutrophilia and monocytoxis. Sight elevation in At T. Ultrasound was carried out, no obvious abmormalities, radiographs show own egs in colon. Yet is supplied to proper the option of a properties of a properties of the propertie	:	3.9	Animal (21/03/2016- 21/03/2016)=Re-BN-oblvac L4 Suspension for Injection for Dogs - 1/1/N/N/A (J.3 III Animal (21/03/2016-21/03/2016)-BR>-BR>	B - Possible	
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03080	United Kingdom	Animal	Canine/dog	2.9 Year(s)	05/12/2013	25/07/2016	1 1	. oc	5/12/2013	Yes, <b R> >BR>Not Known</b 	Somnolence,Ataxia,Disorientation, Head bobbing	Not Known	Two dogs had similar reactions post vaccination of Nobivac DRP and Nobivac L4. See linked cases: 2016-14-K-03816. To See 2013, pappy cancinated with Nobivac DPP and Nobivac L4 (funknown if given at room temperature), Reported that same day the dog developed staxia and head bobbing and unable to run like a normal dog. Later that evening found the dog difficult to anyoie from sleeping, but when awake appeared disoriented. The adverse reaction resolved but on an unknown date and unknown if reaction was treated. No, flurther information exceeded.	Crossbred	3.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (05/12/2013- 05/12/2013)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (05/12/2013- 05/12/2013)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKWISD-2016-UK-03081	United Kingdom	Animal	Canine/dog	2.9 Year(s)	05/12/2013	16/09/2016	1 1	0 0	5/12/2013	Yes, GR>~BR> R BR>Not 	Unresponsive to strimul, Sommolence, Vomiting, Ataxi a, ifead bobbing, Eyes rolling back	Not Known	Supected Adverse Reaction. Two dogs had similar reactions post vaccination of Noblac DIPP and Noblac L4. See Indeed cases 2016-U (2008). On 5 De 2013, puppy vaccinated with Noblac DIPP and Noblac L4. Guidanous II given at room temperature). Reported that same day the dog developed ataxia and head bodibing and unable to no like a normal dog. Later that evening found the dog difficult to arouse from sleeping. The adverse reaction resolved but on an unknown date and unknown if reaction was treated. Awalf turber information. Follow up 18 il 2016 history received, owner reports very sleepy and not responsive after vaccine. Vomited in car journey. The dog was slagnosed with Wobblers, inchrown date diagnosed, unknown how diagnosed. Nothing further expected. Follow up 2.2 ls J1 2016 - the dog was seen by a Vet on a farm when they were pupples and advised that they had Wobblers, not known if confirmed. Vet examined and suspected hip problems, but or radiographs have been carried out. Other dogs in house has been unwell since having vaccines, linked case 2016-US 20380. On 180 c. 2013, puppy vaccinated with Nobbles. Other and Nobbrac L4. See linked cases: 2016-US 403800. On 180 c. 2013, puppy vaccinated with Nobbrac Other and Nobbrac L4. See linked cases: 2016-US 403800. On 180 c. 2013, pupp vaccinated with Nobbrac Other and Nobbrac L4 (see linked cases: 2016-US 403800. on 180 c. 2013, pupp vaccinating found the dog difficult to arouse from changed in the control of the cont	-	3.1	Nobbiac DIP - 1,4/A,N/A, 10.1 ml (05/12/03) 05/12/2013	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03092	United Kingdom	Animal		2 Year(s)	13/05/2016	06/07/2016	1 1		6/06/2016	Yes, <b R>BR> Fes, SBR> BR> BR></b 	Seizure NOS	No Data	Suspected adverse reaction Vaccinated on 13 May 2016 with Nobinoc DHP, L4 and KC. On 6 June 2011 Mad seizur at One, was not Seen by vest and recovered well. No more information expected. Similar reaction to subsequent vaccination: 2016-UK-3093		14.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (13/05/2016- 13/05/2016-BR> Nobivac KC - 1.N/AN/A, 24,1 Dose (13/05/2016- 13/05/2016) Nobivac L4 Suspension for Injection for Dogs - 1.N/AN/A, 1.0,1 ml (13/05/2016- 13/05/2016/BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-03093	United Kingdom	Animal	Canine/dog		10/06/2016	06/07/2016	1 1			Not Known	Seizure NOS	Not Known	Dog has had 1 seizure 3 w post vaccination with multiple products, see 2016-UN-03092. Has not had any more seizures 2016 Nobbuck 1 2 o June 2016 converse called to asy the dog had a seizure. Recovered. Was seen on 22 June 2016, bloods taken which were a within normal levels - Ally had another seizure, they sent way samples for Toxopatams and Neospora and both were negative. Vaccinated in 2015 with Nobivac DHP and Lepto 2 and no reaction occurred. No more information expecting.	Whippet	14.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (10/06/2016-10/06/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03097	United Kingdom	Animal	Canine/dog	15 Year(s)	26/06/2016	01/09/2016	1 1	. 1 2	7/06/2016	Yes, Yes	Neutrophilis, Collapse (see also Cardio-vascular and Systemic disorders'), Interstitial nephritis, Pulmonary disorder NOS, Pulmonary oedema, Cough, Death, Inappetence, Ahonormal necropy finding, NT- endocardiosis, Enlarged lymph nodes (generalised)	No Data	Suspected adverse reaction Naccinated on 26 June 2016 with Nobback XC and L4 (unknown if jwen at room temperature) Dog is on occurrent medication for Cardia disease, (unknown what) Seen nor 1 July 2016 as owners reported since 27 June 2016 the dog has had a hacking cough, and has been inappeatan, no examination it had mild submandibular lymph node enlargement. Was placed on Metacam and Doxycytine. Update dog collapsed on 5 July and died, has been sent for post mortem, open case, awalt results. Owner has nonther dog vaccinated at the same time with Nobavc L4 and K1, had the same reaction and is now on oxygen in hospital. See case 2016-UK-03099 Follow 1 Sept 2016—Dost mortem received, indicated severe billaeral valvalue modocardiosis with attendant pulmonary oedema and visceral congestion. Afterial wall remodeling and pulmonary lesions observed microscopically, possible bacterial puemoma suspected due to neutrophilia in lungs chronic interstitiin nephritis also present. Nothing further expected, case closed.	Cairn Terrier Cairn Terrier	9.2	Nobbiac Kr 4.N/A,N/A, 10,0.4 ml (26/06/2016)-8R>-8B>-Nobbiac L4 Suspension for injection for Dogs - 1,N/A/A, 10,1 ml (26/06/2016)-8B>-8B>	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-03099	United Kingdom	Animal	Canine/dog	15 Year(s)	26/06/2016	14/07/2016	1 1	0 :	7/06/2016	Yes, Yes	Inappetence, Foam in the mouth, Enlarged lymph node (localised), Leucocytosis, Pneumonia, Rale, Cough	No Data	Dog was succinated on 26 June 2016 with Nobbuc XC and Nobbuc L1 (unknown if given at room temperature). Dog is on oncourrent heart medication (unknown whall Seen on 71 w) 2016 as owners reported since 27 June 2016 the dog has had a hacking cough, and has been inappetant, on examination it had mild submandibular imply not doe enlargement, plus was bringing up frorth. Was placed on Metacam and Doxycycline. Update 8 July Has been taken into hospital with a congested chest, was placed on oxygen. They plant to do bloods and a chest X ray. Follow up 11 Jul 2016 – Radiographis show pneumonia with a levelar pattern and bloods indicated a high white Blood Cells count, unknown details. Follow up 14 Jul 2016 – Reported that dog is doing better and coughing less. No further information expected.	Caim Terrier	12.3	Nobivac KC - 1,N/A,N/A,24,1 Dose (26/06/2016- 25/06/2016)-BR> Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,1 ml (26/06/2016- 26/06/2016)-BR> 	O1 - Inconclusive	Close time association with vaccination and initial clinical signs of coupling and inappetence, More likely to be associated with Noblava KC ARON O.1 However the dog is on concurrent medication for a heart condition. 12 days post vaccination collapses and died, await post mortem for cause of death ABON O.1 Overall code BO.1
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03114	United Kingdom	Animal	Canine/dog	9 Year(s)	13/06/2016	18/07/2016	1 1	1	, , ,	Yes	Unexplained death	No Data	Suspected Adverse Reaction-Limited information. Unknown date vaccinated, but reported that vaccinated with Nobivac L4 and the day after the dog died. It was thought to be due to a gastro dilation volvulus. Not confirmed and no post mortem carried out. Nothing further expected.	Weimaraner	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (13/06/2016-N/A) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2016-UK-03121	United Kingdom	Animal	Canine/dog	9 Year(s)	15/06/2015	07/07/2016	1 1	o :	23/06/2015	Yes, <b R> Not Known</b 	Seizure NOS,Ataxia,Disorientation,Twitchin g	Not Known	Vaccinated on 6 June 2014 with Nobbac PI and L4. Then again had Mobbac L4 on 4 July 2014. Vaccinated on 15 June 2016 with Nobbac DHPPI and L4 (Junoword Igle and Toom temperature)Then on 23 June 2016 owner reported the dog was disorientated and twitching for a few seconds, then returned to normal. Then on 275 sept 2015 the dog had a missieum, was chaige a squired and then became wobbly and disorientated and twitching for a few seconds then returned to normal. No more information expected valcraited on 17 June 2016 with Nobbac L4 (Junioword Igwent at Common temperature). 20 June 2016 dog had a fit and was twitching See other case 2016-UK-03132.	Border Collie	23.35	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (15/06/2015- 15/06/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (15/06/2015- 15/06/2015)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment
	GBR-MERCKMSD-2016-UK-03132	United Kingdom	Animal	Canine/dog		17/06/2016	07/07/2016	1 1		20/06/2016	R> Yes		No Data	Sispected adverse reaction: Vaccinated with Nobbusc PI and L4 on 5 June 2014. Then again 4 July 2016 Mah Robbusc L4. Vaccinated on 5 June 2015 with Nobbusc 19PH and L4, was discrimitated and twitching on 23 June 2015 then recovered. Then 27 Sept 2015 had a seiture. Case set 2016-UK-03121. Vaccinated on 17 June 2016 with Nobbusc L4 (unknown fighten at room temperature) was also given Millemanz. Then on 20 June 2016 the Quid by and a fix and fell to the floor, bark and windthed this lasted for 30 seconds then was fine alterwards. Was not seen at the vets. Was seen on 7 July 2016 to report the fit. No more information sepected.	4 Border Collie	23.35	Milbemax Chewable Tablets for Dogs - N/A/N/A/N/A/N/A/N/A (17/06/2016):-BR> Nobivac L4 Suspension for Injection for Dogs - N/A/N/A, 10,1 ml (17/06/2016- 17/06/2016):-BR><-BR>	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-03154	United Kingdom	Animal	Canine/dog		09/06/2016	11/07/2016	1 1	0 (99/06/2016	Yes	Vomiting,Anaphylaxis,Facial swelling (see also 'Skin'),Urticaria,Restlessness	Not Known	On 9 Jun 2015, dog vaccinated with Nobivac P Jand Nobivac L4 (unknown if gwen at room temperature). Reported an hour post vaccination the dog vormele, had facial swelling generalized urticaria and restlessness. Presented same day and dog given a Dexadreson injection. Reported that 1- 2 days later the clinical signs resolved. No further information expected.	Other Canine/dog	5.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (09/06/2016- 09/06/2016) Nobivac Pi - 1,N/A,N/A,10,1 ml (09/06/2016- 09/06/2016) 	B - Possible	NCA agrees with the MAH assessment
	GBR-MERCKMSD-2016-UK-03158	United Kingdom	Animal	Canine/dog	9.1 Year(s)	08/07/2016	06/06/2017	1 1	0 (Yes, <br R> Yes</br 	Drooling,Unable to stand,Shaking,Panting,Pyrexia,Recu mbency	No Data	Sispected Adverse Reaction: Vaccine with Noblace LOPP and Noblace Lo on 8 Jul 2018. Presented 20-3 minutes, shaking, drooling and unable to stand. Temperature 39.4 Celsius. In consult parting, decoling and cart stand or walk, shaking, seems post ictal. Bloods were carried out, but reported to be almormal. Started on intra venous fluids but dog pulled the Camula out. Cerenia given and rapid normal. Started on intra venous fluids but dog pulled the Camula out. Cerenia given and rapid resolution of clinicia ligis. Nothing further expected. Follow 9 Jun 2017: Perported that similar episodes occurred in Aug 2018 and then again on 1 May 2017. No further vaccines have been given. Nothing further expected.	O Beagle	18.2	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (08/07/2016- 08/07/2016)-BR>-3BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (08/07/2016- 08/07/2016)-BR>-3BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03166	United Kingdom	Human	Human	42 Year(s)	08/07/2016	27/07/2016	1 1	0 (08/07/2016	Not Known	Injection site reddening,Injection site tingling,Injection site bleeding,Injection site swelling,Injection site pain	Not Known	Vet accidentally put a needle through her left thumb whilst vaccinating a dog. She does not think any product was injected, but he needle went through her thumb, missing the bone below the knuckles. Shi washed the injury straight away and applied a cold compress. She experienced pain, swelling, redness, bleeding and a tingling sensation at the site of the injury. The symptoms resolved in 3 or 4 days.	Human e	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,,24 		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03174	United Kingdom	Animal	Canine/dog	11 Year(s)	10/06/2016	11/07/2016	1 1	0 (01/07/2016	Yes, <b R> No</b 	Deafness, Ataxia, Balance impaired	Other	Vaccinated with Nobinac DHP and Nobinac L4 on 10 Jun 2016. Nobinac L4 was given straight from the fridge [Extra Label Use] 11 Jul 2016 owner reported that 7-10 days ago the dog became completely dear. Usually sound resortible and reservice but the dog can then anything now. Basic tests carried out in Fractice and the dog appears to be deaf. Some wax at the bottom of the ears, but nothing extreme and no inflammation. Dog had previous car problems in 2014 (unknown exact details), Ataxic and will lose balance if turns too quickly. Well in self. Nothing further expected.	Crossbred	11.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (10/06/2016- 10/06/2016)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (10/06/2016-10/06/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03212	United Kingdom	Animal	Canine/dog	2 Month(s)	28/06/2016	12/07/2016	1 1	1 (04/07/2016	Yes, <b R> Yes</b 	Death,Lack of efficacy	No Data	Supereted Lark of Expected Efficacy: Vaccinated with Nobinac DHP and Nobinac L 6 on 28 Jun 2016. Puppy was 2 months and 10 days of age at time of vaccination. 4 Jul 2016 presented as lethangic, diarrhose and off food. On examination the puppy was pale and admitted for intra venous fluids, Metrondizoole, Ampoillin, Zantac and Problotics. The dog went home later as financial concerns but was presented on 3 Jul 2016 and placed back on fluids. Puppy died overnight on the 5-6 Jul 2016. Results returned Parvo positive. No post mortem being carried out, nothing further expected.	German Spitz Pomeranian	1.3	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (28/06/2016- 28/06/2016)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (28/06/2016-28/06/2016)-BR> 	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4		United Kingdom	Animal	Canine/dog	1 Year(s)	02/07/2016	13/07/2016	1 1	0 (02/07/2016	Yes, <b R> Pes, FBR> BR> BR> </b 	Pale mucous membrane,Anaphylaxis,Facial swelling (see also 'Skin'),Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Weakness,Respiratory depression,Medication error	Other	Supected Advense Reaction. Dog had similar reactions post vaccination of Nobivac CHF and Nobivac LA, See linked case, 2001-EW, 2023.10. On ju 2016, dog vaccinated with Nobivac CHF, nobivac LK (given at fright temperature)[cstra label use) and Nobivac KC. Fit and well at time of vaccination. Reported within 5 minutes post vaccination the dog developed acute registrator depression, pale mucous membranes, weakness and collagse. Given adrenaline, Dexadresion injection and dog was much brighter after Ol minutes. After a further 10 minutes the dogs face swelled and was given promethasine and improved after that. Dog was discharged after a few hours as resolved. No further information security.	: Pug	8.1	Nobivac DHP - 1,N/A,N/A,10,1 ml (02/07/2016)-BR> Nobivac KC - 4,N/A,N/A,10,0.4 ml (02/07/2016-02/07/2016)-BR> Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,10,1 ml (02/07/2016-02/07/2	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03240	United Kingdom	Animal	Canine/dog	8 Week(s)	01/07/2016	14/07/2016	8 6	3	02/07/2016	Yes, <b R> Yes</b 		No Data	Suspected adverse reactions. A litter of 8 pups from a shelter was vaccinated on 1 Jul 2015 with NORNOW CHPPF/Ld and one of the pups was wornthing with bindrocea the following day. The pup tested positive on the pance snap test and recovered after a few days with fluids and supportive through positive pups went ont to develop similar signs a few days later but it is not nown if these pups were tested for pance virus and 3 pups subsequently died, date unknown. More information is expected. Follow up 21 Jul 2017; Vet usure of dates of death and none of the other pups that developed clinical signs were tested for pance virus. No more information expected.	Border Terrie	Not Known	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (01/07/2016- 01/07/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A (01/07/2016- 01/07/2016)-BR>-BR>-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03246	United Kingdom	Animal	Canine/dog	8 Year(s)	14/07/2016	14/07/2016	1 1	0 :	14/07/2016	Yes	Congestion of mucous membrane,Increased heart rate,Vomiting,Panting	No Data	Suspected Adverse Reaction. On 14 Jul 2015, dog vaccinated with second dose of Nobivac L4 (unknown if given at room temperature). Same day, approximately an hour and 30 minutes post vaccination the dog developed violent vomitting and panting, presented with an increased heart rate (140) and congested mucous membranes. Given Chlorepheramine injection and sent home. Reported improved hun or fully recolaced. No further information in expected.	Labrador Retriever	40	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/07/2016-14/07/2016) BR> 	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4		United Kingdom	Animal		10.9 Year(s)		14/07/2016	1 1		16/06/2016	> Yes, >CBR> >CBR> >CBR> <		No Data	improved but not fully resolved. No further information expected. Suspected Alverse Reaction. Dog had aimlier reactions post vaccination. See linked case: 2016-UK-03248 On 15 Jun 2016, dog vaccinated with Nobivac (P and Nobivac 14 (unknown if given at room temperature). Also Cansural and Cleanaural given at the same time for ear treatment (details unknown). Reported that same day, dog developed difficulty breathing an coughing overnight and was inappetant and not drinking for 4 days (resolved 20 Jun 2016). No further information expected.	Labrador Retriever	26.2	Canaural Ear Drops, Suspension for Dogs and Cats - N/A.N/A.N/A 24, Ulnknown (E)06/2016- 15/06/2016- RB-N-blowac L4 Suspension for Injection for Dogs - 1J/N.A.N/A. 10.1 ml (15/06/2016- 10/6/2016)- RB-N-blowac P 10/6/2016-18/B-N-BN-blowac P 10/6/2016-18/B-N-BN-blowac P 10/6/2016-18/B-N-BN-blowac P (Inauthorised V) - N/A.N/A.N/A 24, Ulnknown (16/06/2016- 10/6/2016-18/B-RB-N-BN-BN-BN-BN-BN-BN-BN-BN-BN-BN-BN-BN-	B - Possible	NCA agrees with MAH assessment
NOBIVAC 14	GBR-MERCKMSD-2016-UK-03341 GBR-MERCKMSD-2016-UK-03375	United Kingdom United	Animal	Canine/dog	6 Year(s) Not Known	21/07/2016	22/07/2016	1 1		14/07/2016	Yes	Tachycardia,Ataxia Vision blurred	No Data	Suspected adverse maction: Dog vaccinated with 2nd dose of Nobbiac L4 on 14 Jul 2015 and was tachycardic with mild ataxia approximately 1 hour later. No treatment required and dog had recovered completely by the next morning. No more information expected. Dog owner received a small amount of vaccine in her eyes when the needle came off the syringe as the	Other d Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (14/07/2016-14/07/2016) BR> Nobivac L4 Suspension for Injection	A - Probable	NCA agrees with MAH assessment however causality considered probable.
NUBIVAC L4	GON-INIERCRIMSU-2016-UK-03375	Kingdom	naman	Human	NOT KNOWN	21/0//2016	21/0//2016	1 1	U I	.1/0//2016	NOT KNOWN	vision diurred	Known	Dog owner received a small amount of vaccine in her eyes when the needle came off the syringe as th vet was vaccinating a dog. Her eyes were flushed immediately. She called 30 mins later to report that she had blurred vision. She was advised to seek medical attention. It is unknown whether she received any attention, but the symptoms had resolved by the following day.	numan	Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,10 		

NOBIVAC L4	GBR-MERCKMSD-2016-UK-03413	United Kingdom	Animal	Canine/dog	10 Month(s)	27/12/2015	20/09/2016	1	1 1	14/07/2016	Yes, <b R>BR> Yes, >BR> BR> Yes</b 		No Data	Sispected Lack of expected Efficacy for CFV On 11 Dec 2015, dog vaccinated with second Nobbac L PHO On 27 Dec 2015, dog vaccinated with second Nobbac Ld (unknown if glaw nat room temperature and Nobbac KC. Fit and well at all three vaccinations. On 14 lul 2016, dog presented with vomiting and hameomrhagid darknoon. Dog showed possible for parvoration on a faced is rap test and was sent to emergency practice. On a nunknown date the dog died (it is unknown if the dog was euthansed), it is also reported that owners brought a stary up in the third business in late June, early July who proceeded to succurio to Parvoivs infection, being really ill at home, then dying from infection. Await further information. Follow up 20 Sep 2016 - No further information received. Case closed.	Spaniel	19.6	Nobixa CHP - 1,N/A,N/A,10,1 ml 1 Animal (11/12/2015- 11/12/2015)sBR-sBR-Nobixac KC - 4,N/A,N/A, 10,0.4 ml 1 Animal (27/12/2015- 27/12/2015)sBR-sBR-Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (27/12/2015- 27/12/2015)sBR-sBR-	N - Unlikely	NCA agrees with MAH a ssessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03414	United Kingdom	Animal	Canine/dog		12/07/2016	26/08/2016	1	1 0	13/07/2016	Yes, <b R>BR> Yes, BR> Yes</b 	Blindness,Optic nerve disorder,Seizure NOS,Depression	No Data	Sispected Adverse Reaction. On 12 Jul 2016, dogs vaccinated with Noblova CHPPR, Noblova KC and Noblova C Homen if given at room interpenture), fit and nevel at time of vaccination and no other products given. On 13 Jul 2015, presented as dog became blind suddenly and not himself. On 19 Jul 2016, presented no aphthalmologist and diagnosed with opic neutrits. On 21 Jul 2016, reported that dog had not no aphthalmologist and diagnosed with opic neutrits. On 21 Jul 2016, reported that dog had not selature at home and when presented same day was mentally depressed. Dog is to be referred to a necologist. Awaff turber information. Follow up 2 Aug 2016 - Theo glad MRI and sight is returning again, but not back to normal. Reported that there was something suspicious, the dog is now receiving fementherapy for unknown reason. The vaccine is no longer implicated. Nothing further expected. Follow up 2 Aug 2016 - Reported that results for Toxoplasmosis were negative. Nothing further expected.	Jack Russell Terrier	6	Nobivac DHPPI - 1,N/A,N/A,10,1 ml 1 Animal (12/07/2016- 12/07/2016) ~BR>Nobivac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (12/07/2016) ~BR>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (12/07/2016-12/07/2016) ~BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCXXXSD-2016-UK-03466	United Kingdom	Animal	Canine/dog	2 Year(s)	26/07/2016	19/08/2016	1	1 1	26/07/2016	Yes, GB>-GB>-G	Abnomal test result-parceatitis, Hypoglycaemia, Weak pulse, Disseminated intravascular coagulation, Thrombocytopenia, Neutropenia, Tachycardia, Abdominal pain, Haemorrhagic diarrhoea, Haemorrhagic gastroenteritis, Vomiting-Pinsel also Gedena, Myolistis, Collapse (see also Grardio-vascular' and Systemic disorders), Death Statistical Cardio-vascular' and Systemic disorders'), Death Pinsel also disorders'), Death Pinsel also disorders'), Death Pinsel also disorders'), Death Pinsel also disorders's Death Pinsel als	No Data	Suspected adverse reaction Vaccinated around 11 am on 26 July 2016 with Nobback CC and L4 (unknown if given a room temperature) (Also had Advocate and Droncit dispensed but not given. Well for a walk around 5.30 and became depressed and vomited a treat. Then developed haemontagic durchea. Seen that right Temperature was 7.8 c and it had addominal pain, heart rate 180. Respiratory rate 30. Ears were slightly inflamed and mucus membranes pink. Collapsed, significant myosits and light reflect still present in hoth eyes. Given intravenous fluids and analgesics. PCV was 85% (ref range unknown) Blood glucose 3.4mmol (ref range unknown) Lactate 7.5mmol (ref range unknown) BLN 30 and respiratory rate 7.3. Temperature 5.6 kewa pluste, gave Methadore. Bloods winknown) Choride 15.7 mmol (ref range unknown) Given bolus of glucose with fluids. Later that night heart rate was 140 and respiratory rate 7.3. Temperature 5.6 kewa pluste, gave Methadore. Bloods repeated on 27 July 2016 Blood glucose 11.6 mmolt (ref range unknown) (IVR 9.8 1 mmolt (ref range unknown) (rest 13 mmolt (ref range unknown) ALVS 50 ully, noe frange)? 19 Signify noe frange) 19 Blood sinear shows thrombocytopenia and neutropenia, possible acute Pancreatits, dog went into DCIC (disseminated travascular coagalation) ejected for butmaneaed and was sent for a post mortem Awatt results, open case follow up 1 Aug 2016: nitral post mortem carried out, severe for a post mortem Awatt results, open case follow up 1.7 mills post mortem carried out, severe have been proportionally to the further assessed by checking a issue and in extensive hemorrhagic garbroenteritas nontec Pancreas is sworks, firm and covered in extensive hemorrhage garbroenteritas nontec Pancreas is sworks, firm and covered in extensive hemorrhage garbroenteritas nontec Pancreas is sworks, firm and covered in extensive hemorrhage garbroenteritas nontec Pancreas is sworks (wheching a tissue dei evel, waw it further formation follow up 3 Aug 2016: nissue lead results < 1.6 (unkn	Crossbred	6.4	Noblac KC - 1n/A/N/A 24,1 Dose (25/07/2016- (25/07/2016-18R-Noblac L4 Suspension for Injection for Dog - 1,N/A/N/A,10,1 ml (26/07/2016- 26/07/2016)-BR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03480	United Kingdom	Animal	Canine/dog	Not Known	01/01/2015	23/09/2016	1	1 1	01/01/2015	Not Known, BR > BR>BR> Not Known	Injection site reaction NOS,Death	Not Known	Suspected Adverse Reaction. Limited information. On an unknown date in 2015, dog vaccinated with first part of Nobhac DHP and Nobhac L4 (unknown if given at room temperature). Stated that two weeks later in 2015, the dog had second part of vaccine of Nobhac DHPP and Nobhac L4 (unknown if given at room temperature). It was reported that the dog was found dead the next morning with the scraff of the neck rubbed raw after the second vaccination (date unknown). It was sho mentioned his 10204 when the dog was given a primary course that it wasn't used according to data sheet in 2014 when the dog was given a primary course that it wasn't used according to data sheet instructions. No further information septected, follow up 23 pet 2016 - Fridge temperature were submitted, no exact details, however the storage temperature was around-1 Clesius. Nothing further swortered.	Other Canine/dog	Not Known	Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dgs - 1,N/A/N/A, 10,1 ml 1 Animal (01/01/2015- 01/01/2015)-BR->BR->Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 10,1 ml 1 Animal (01/01/2015-01/01/2015)-BR->BR->BR->	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03481	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	23/09/2016	1	1 1	01/01/2016	Yes	Death	No Data	Supercial Afverse Braction. Limited Information. On an unknown date (unknown what year - best guess 2019), a purp was succlasted with Nobbers Le (unknown if given at room temperature). Reported that the pup clied "soon after" vaccination but details are unknown and reporter could not be more specific. No or further information expected. Follow give 32 Sept 2018—Firstlege temperature were submitted, no exact details, however the storage temperature was around-1 Celsius. Nothing further sounders.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (01/01/2016- 01/01/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03509	United Kingdom	Animal	Canine/dog	8 Week(s)	27/07/2016	28/07/2016	1	1 0	27/07/2016	Yes, <b R> Yes</b 	Fit,Glazed eye,Stiffness NOS	No Data	Vaccinated on 27 July 2016 with Nobiwa: DHP and 14. The dog had been in the owners possession for 24 abous only prior to vaccination. A house ster the dog had at Juve antist if new gasted over. Their recovered. Was eating normally so was not seen in practice. No more information expected.	Jack Russell Terrier	2.18	Nobivac DHP - 1,N/A,N/A, 10,1 ml (27/07/2016- 27/07/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (27/07/2016- 27/07/2016)-BR>-BR>-BR>	O1 - Inconclusive	Clinical signs are not mentioned on the SPC, however, temporal association is strong. Product may be a factor and cannot be completely excluded.
	GBR-MERCXMSD-2016-UK-03553	United Kingdom	Animal	Canine/dog	11 Year(s)	25/07/2016	12/08/2016	1	1 0	27/07/2016	No	Lymphosarcoma, Lethargy (see also Central nervous system depression in 'Neurological', Lipoma, Erlarged lymph nodes (generalised)	Other	Suspected Adverse Reaction. On 25 Jul 2016, dog vaccinated with Nobbac L6 (not given at room temperature ext as label use) and no their medication given at the same time. Reported that in at 21 Jul 2016, had a grass end removed and was placed on antibiotics and Carprofen. On 27 Jul 2016, owner noticed an swelling on neck lymph node. On 1 Jul 2016, preserved with enlarged submandibular lymph node on one side, popileral also enlarged, given more antibiotics and Carprofen. Blood tests were performed and no abnormalities were detected. Not further information expected, follow up 12 Jul 2016. There was no change in his condition until the weekend when the neck lymph nodes relarged and the owner noted he has a little letharge. On 94 go 2016, a bloopy of lesions on the skin was carried out and also removed a popiliteal lymph node. The masses from the axilla and the stemur are consistent with plomast, the lymph node revealed a poorly differentiated sarcoma and presumed to be metastatic. Nothing further expected.	Golden Retriever	27.6	Noblact L4 Supension for Injection for Dogs - I.N/A.N/A, 1.01 ml 1 Aminal (125/07/2016 - 25/07/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-03557	United Kingdom	Animal	Canine/dog	1.3 Year(s)	16/02/2016	02/08/2016	1	1 0	21/02/2016	Not Known	Leucoryonis, Neutrophilia, Pain NOS, Reluctant to move, Pyrexia, Stiffness NOS, Blood in unite, Proteinuria, Haemoglobiruria, Elevated bile acids, Monocytosis	Not Known	Dog has a deverse reactions after post vaccinations. See Inihed case: 2016-UK-03555. On 16 Feb 2016, dog vaccinated with Nobbac L4 (unknown if given at room temperature). On 21 Feb 2016, presented to emergency vets as had stifflenss, reluctant to flee, was given Metacam and artibiotics. On 22 Feb 2016, fre-examined with pression. D. 21 Feb 2016, full blooks were performed as well as Neospora, TSH/T4, Lymes disease and Lungsorm tested but no abnormalities detected. On 4 Mar 2016, dog given TSH/T4 Lymes disease and Lungsorm tested but no abnormalities detected. On 17 Mar 2016, given Loxicom and Pariale. Or 18 Mar 2016, prever but solvered. WAC Ed. 52.5 161, neutrophis 20.76 fc.12) and monocytes 4.4 (3) = 2.1 Admitted for intravenous fluid therapy, antibiotics and previae resolved. Urine sample taken howing protein in vinit, frace of hareanglobin and red cells. On 27 Mar 2016, reported an elevated bile and stimulation test for post parialial isamgle. On 31 Mar 2016, orgented on espected.	Crossbred	16.1	Nobiwa: L4 Supension for Injection for Dogs - 1,NA/A/, 10,1 ml 1 Animal 16/02/2016- 16/02/2016-8R>-8R>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03574	United Kingdom	Animal	Canine/dog	7.5 Week(s)	02/08/2016	03/08/2016	7	3 0	02/08/2016	Yes, <b R>BR> No, BR> Known</b 	Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Lateral recumbency, Unresponsive to stimuli	Other	On 2 Aug 2016, 7 puppies succinated with Nobbac 10th and Nobbac 14 (lot glyen at room temperature, earl a beat icae). Also micrologied and fact for recognised applied for his same day when the owner gost home, reported that three puppies were very lethangle, lateral recumbancy, inappetant and very unexponsive. The puppies were not presented and recovered the next day (3 Aug 2016). No further information expected.	English Cocke Spaniel	1.59 - 2.64	Nobivac DHP - 1,N/A,N/A, 1,0,1 ml 1 Animal (02/08/2016-02/08/2016-02/08/2016-08-2-08-08-08-08-08-08-08-08-08-08-08-08-08-	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCOMSD-2016-UK-03596	United Kingdom	Animal	Canine/dog	3 Month(s) 8 Week(s)	03/06/2016	03/08/2016	1 1	1 04/06/20	6 Yes, -BR>-CR R>-CRP>Not Known	Increased heart rate, Abdominal sain, Diarmhoea, Death, Inappetence Lethargy (see also Central nervous system depression in 'Neurological', Pyrexia, Weight loss, Intestinal stasis, Abnormal test result, Bloated, Hyopolbuminaemia, Hypoglycaemia, Petechiae (PCV), Hypokalaemia, Intestinal disorder NOS Vomiting, Lethargy (see also Central	Not Known	On 3 Jun 2016, dog vaccinated with first Nobivac DHP and Nobivac L4 (unknown if given at room temperature). Reported that in this consult the dog was rescued as a very young puppy and still underweight due to poor start. On 4 Jun 2016, dog (stopped eating, letting, letting	Border Collie		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (93/06/2016- 03/06/2016-88-Nobivac L4 Suspension for injection for Dogs - 1,N/A/N,A 10,1 ml 1 Animal (03/06/2016-03/06/2016)-BR>-BR>-	B - Possible B - Possible	NCA agrees with the MAH assessment. NCA agrees with the MAH assessment.
		Kingdom								Known, OR <fr> <er< fr=""><fr> Not</fr></er<></fr>	nervous system depression in 'Neurological'],Off colour,Tense abdomen,Tachycardia	Known	an hour after the vaccine the dog started to vomit and was lethargic. The dog was returned back to the organization constitution of the constituti	e Dachshund n		Implant 1 Animal (03/08/2016- 03/08/2016)+BR>~BR>Nobivac DHP 1.N/A.N/A, 10,1 ml 1 Animal (03/08/2016- 03/08/2016-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1.N/A.N/A, 10,1 ml 1 Animal (03/08/2016-03/08/2016)+BR>		
NOBIVAC L4		United Kingdom	Animal	Canine/dog	10 Year(s)	03/08/2016		1 1		6 Yes, <c R> Not Known</c 	also Central nervous system depression in 'Neurological'),Localised pain NOS (see other 'SOCs' for specific pain).Hypoglycaemia	Not Known	Suspected Adverse Reaction. On 3 Aug 2016, dog waccinated with Nobbac 14 (unknown if given at room temperatury and Nobbac KC. Bane day in the evening the dog became lethragic and wouldn't; eat. Presented with right head tilt and resented movement of head and right foreleg. Given Metacam and Diazepam. Blood were also performed showed glucose 1.8 (3.3-6.1), Reported next day the dog is alot brighter and moving more willingly. No further information expected.			Nobivac KC4,N/A,N/A,10,0.4 ml 1 Animal (03/08/2016) 03/08/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (03/08/2016-03/08/2016)-BR>>BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03628	United Kingdom	Animal	Canine/dog	7.5 Year(s)	25/07/2016	05/08/2016	1 1	0 26/07/20	6 Yes, <c R> >BR>Not Known</c 	Nomiting,Vestibular disorder t NOS,Head tilt - ear disorder,Ataxia,Decreased appetite,Horizontal nystagmus,Elevated renal parameters,Elevated cholesterol (total)	Not Known	Vaccinated with Nobinac L4 and Nobinac NC on 25 Jul 2016. 29 Jul 2016 to owner reported that 24 hours after the vaccine the Gog developed vestibular signs with a left stude head lift, staks and an mild horizontal rightsgmus. In examination no abnormalities noted in the ear and no treatment given. 1 Aug 2016 vormiting and not eating. On examination the dog still his head still but was reported to have improved. The dog has been unable to cock his leg. Bloods taken, Cholesterol 6.27 (c6.2), SDMA 19 (c1.4). Cernial and Vivionion were given. A Aug 2016 re seen and attains still present, but improved and head tilt remains, but a general improvement. Nothing further is expected.	English Cocke Spaniel	r 14.5	Nobiwac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (25/07/2016- 25/07/2015)-8R×-8R>Nobiwac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10.1 ml 1 Animal (25/07/2016-25/07/2016)-8R><	O1 - Inconclusive	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCOMSO-2016-UK-03636	United Kingdom	Anienal	Canine/dog	Not Known	08/07/2016	10/10/2016	2 2	0 10/07/20	6 Yes, (BR-RBN-eTs, Park) R-VBR-RBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VB	Elevated roholesterol (total) Dull-Six (total) Dull-Six (total) Dull-Six (total) Dull-Six (total) Dull-Six (warnth, Thrombocytopenia, Eosino philla, Leucocytosis, Neutrophilla, speralivation, Dilarrhoea, Vomiting, interfusion, Joint effusion, Joint stiffness, Unable to stand, Masal discharge, Six leision NOS-Hyperarenic microus membrane, Lethargy (see aspression six Neutropigical) Official Colour Previa, Abnormal test result, Ceneralizad, Joint Colour, Previa, Abnormal test weakness, Swollen weakness, Swollen polity, Hypopalbuminaemia, Elevated SAP, Abnormal radiograph in finding, Decreased haemoglobin, Decreased packed cell volume (PCV), Drooping eyelid	Not Known	Saspected Adverse Reaction Vaccinated with Nobiusc DHP, Nobiusc L1 and Nobiusc K Co # B. Jl 2016. 12 Jul 2018 C July Nitroy of vomiting and dishrobea and increases differens on India limbs and pelvis. Radiographs showed left hip worse than right and hip dysplasis. Swollen joints starting more over hocks but affecting forelinats as well. Bij Jul 2016 no improvement, Tramadol and syrbuology skin. 22 Jul 2016 points provide provides and the provided provided provided and the provided provid	Canine/dog	Not	Nebbac DHP - 1.M/A/M/A 10.1 ml 1 Animal (186/707:1016): eBRMebivac KC AM/A/M/A 10.04 ml 1 Animal (108/07/2016- 08/07/2016-08/07/07/2016-08/07/07/2016-08/07/07/2016-08/07/07/07/07/07/07/07/07/07/07/07/07/07/	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCONSD-2016-UK-03661	United Kingdom	Animal	Canine/dog	12 Year(s)	26/07/2016	08/08/2016	1 1	0 29/07/20	6 Yes, -BR>-ER R>-BR>-BR>NoI Known	Injection site haemorithage. Injection site mucopurulent discharge, Leucocytosis, Hypercalca emis, Insapetence, Lethargy (see also Central nervous system depression in Neurological), Pyrexia, Albonomal test result, Hyperphosphataemia, Elevate di BUN, Elevated creatinine, Elevate SAP, Injection site mass, Hyperproteinaemia, Elevated cholesterol (total)	Not Known	Sappeted Adverse Reaction. On 26 Jul 2016, day succinated with Nobbacc 16 (intrinoun if given at room Impercating and Nobbace KC. On Clinical examination the day had reptus USHs, next mass and a prominent liver and spleen. The veterinary urgeon advised blood sampling before starting ren-steroidal anti-inflammatories but the owner declined. On 29 Jul 2016, the dogs became inappetant, lethangic, and also developed an injection site mass. On 4 Aug 2016, presented with the same clinical signs, injection site mass was stated to be form fluidy cutaneous and the dogs was pyroxic. A file needle aspirate was taken but only blood was drawn back. Blood sampling was advised again but owner declined, dog started on Metacam and artisticist. On 5 Aug 2016, presented but dogs till lething can not eating, owner reported hemorrhage from mass and pyrexia resolved. Blood samples were taken: Total Protein 186 (27), 21, Apr 293 (12-38), but ea 33.4 (12-74), Cer 293 (70-234), Projection 2.49 (3). 1.8), Calcium 3.16 (2.2-3), Cholesterol 103 (2.8-8.3), WBC 27 (6-17) and granulocytes 23.6 (3.5-12), On 9 Aug 2016, wet stated the mass is starting to turn purulent. No further information expected.	: [Not Known	Nebisus K.C A.N/A.N/A.10.0.4 m 1 Aminal 726/07/2016- Neminal 726/07/2016- 26/07/2016-RB-Nebisus L4 Suspension for Injection for Dops- 1.N/A.N/A.10.1 m 1 Animal (26/07/2016-26/07/2016)-BR-BR-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03668	United Kingdom	Animal	Canine/dog	5.7 Year(s)	21/07/2016	18/08/2016	1 1	0 06/08/20	.6 Not Known	Lack of efficacy	Not Known	Suppected Lack of Espected Efficacy, Vaccinated with first succine of primary course Nobivac DHP and Nobivac Ld on 21 Jun 2016, previously to this vaccine the last vaccine wiss. In 2014. Second vaccine of primary course with Nobivac Ld on 21 Jul 2016. On 6 Aug 2016 vomiting for 24 hours, not eating polydipsia, depressed and quelt, temperature 33.3 Cabius, Neutrophis 12 L6 (3-5-12), AUP 2017 (June 2017), AUP 2017 (J	f Retriever	27.6	Nobivac L4 Suspension for Injection for Dags - 1,N/A,N/A, 1,01 ml 1 Animal (21,07/2016 - 21,07/2016)-BR>-BR>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-03691	United	Animal	Canine/dog	8.5 Year(s)	03/06/2016	09/08/2016	- 1	1I 1I	11/06/2016	Yes, <b< th=""><th>Panting, Death by</th><th>Not</th><th>Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 3 Jun 2016. 11 Jun 2016</th><th>Cavalier Kine</th><th>7.5</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml 1</th><th>B - Possible</th><th>NCA agrees with the MAH assessment.</th></b<>	Panting, Death by	Not	Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 3 Jun 2016. 11 Jun 2016	Cavalier Kine	7.5	Nobivac DHP - 1,N/A,N/A ,10,1 ml 1	B - Possible	NCA agrees with the MAH assessment.
		Kingdom									R>BR>Not Known	euthanssis_Cyanosis_Refuctant to move_Pyresis_Not eating_immune mediated haemolytic anaemia_Blood in urine_Elevated total bilirubin_Decreased packed cell volume [PCV]_Congestive heart failure_Heart murmur_Syncope_Dyspnoea	Known	presented as not wanting to eat or move for a few hours. On examination the dog had a Grade V/VI heart murrum, wincous membranes were page lepik, temperature 39.1. C, Heart rate 1006mp, parting, Blood in urier, Total Billrubha 23 (2-10), White Blood cells 16.68 (no range supplied, pled Blood cells 3.68, Hearngdoin O, 7, Pateletes 129 no ranges supplied. Owner requested to late the dog brome, started on Zantac and Temgeisc. 12 Jun 2016 PCV 26% (35-57%), Syncope episodes in kennels and placed on oxygen, Pacced on ir Mulaf, Romanan, streedist and creens. Late the same day PCV 2715, 57%), Temperature 38. C Selsius, heart rate 140, parting and referred to a specialist. Immune Mediated Hearnoylch Anneam was daggoosed. 21 Jun 2016 at referral Practice, Blood transforsion as carried out Hearnoylch Processing of the Processing of the Processing of the Processing of the Processing Congestive heart failure. Over the next 86 hours the dog got worke and a repeat blood transforsion was carried out. PC V prior to blood transforsion 11% and rose to 26 MS (35-57%), 16 Jun 2016 cyanotic, dyspnoea and owners decided to euthanase. Nothing further expected.	Charles Spaniel		Animal (33/06/2016- 03/06/2016-8R-B8-holhwar L4 Suspension for Injection for Dogs- 1,N/A.N/A,10,1 ml 1 Animal (03/06/2016-03/06/2016)-BR>-BR>		
	GBR-MERCKMSD-2016-UK-03700	United Kingdom	Animal		9 Week(s)		21/09/2016	1		,,,,	Yes, <b R> >BR>Not Known</b 	also Central nervous system depression in 'Neurological')	Not Known	Suspected Adverse Reaction. On 27 May 2016, dog vaccinated with first Nobiac DFP and Nobiac L4 (unknown if jown at room temperature). Same day the dog was presented to emergency practice with voniting, diarrhoea and lethargy. Admitted and placed on intravenous fluid therapy and no other treatments were given. On 28 May 2016, the dogs clinical signs had completely resolved and was sent home. No further information expected. Follow up 21 Sept 2016 - bloods unremarkable, parvo snap test negative. Nothing further expected.	n Retriever		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (27/05/2016- 27/05/2016-BR->BR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (27/05/2016-27/05/2016)>BR> 		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03704	United Kingdom	Animal		1.5 Month(s)		09/08/2016	9			R> Not Known		Not Known	Litter of 8 puppies, all vaccinated on 18 is 14 2016 with first vaccination of primary course Nobbusc DHP and Nobbus C Life downs and Zusky 19 page. I had been or home of a Aug 2016 and on 3 Aug 2016 has haemorrhagic diarrhoes and womiting. The puppy died on the way to the Vets. Puppy 2 had womiting and diarrhoes that started on 5 Aug 2016. On examination temperature 30.6 Celluss and restart with Certeria and given Electrolytes. The breeder refused for the puppy to be hospitalised and the puppy died at home. Pavo strong positive on unknown test. Another 2 puppies have vomiting and diarrhoea that developed on 5 Aug 2016 and placed on anti emetics and article, both recovered. No further investigations are being carried out, nothing further expected.	Crossbred d	2.3 - 3.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (18/07/2016- 18/07/2016-)8R>-RB>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (18/07/2016-18/07/2016)-BR> 		NCA agrees with the MAH assessment.
	GBR-MERCIXMSD-2016-UK-03766	United Kingdom	Animal	Canine/dog	8 - 12 Year(s)	25/07/2016	28/09/2016	1	1 1	25/07/2016	Not Known	Death, happetence, lethargy (see also Central nerous system depression in 'Neurological'), Off colour /prexia, Blood in urine, Proteinuria, Diccoloured urine, Abnormal necropsy finding	Not Known	Suspected Adverse Reaction. On 25 Jul 2016, do yeu accinated with Nobbux 1.4 (unknown if gwen at room temperature). Reported since vaccination the dog was of closul, leathang; (inappetant and passing dark yellow urine. On 3 Aug 2016, presented and also was pyrexic (40.1 degree Celsis). Blood sampling was declined. Urine results stated protein and blood trace, given Metacam injection and started antibiotics. On 5 Aug 2016, reported a lot better in self and continued medications. On 11 Aug 2016, owner reported that the dog died overnight, a post nomen to be performed. Awalf further information. Follow up 28 Sept 2016 - Post mortem received, primary findings moderate collist, possible Perey partic Regelton of the small intestines, diffixes hemorrhagic lymphaedists and spienic activation of white pugh. Histological changes in the bone marrow, spleen and liver. A presence of E. coll in mutilize operas is suggestive that the immune system had been compromised and the animal died due to septicemia or acute myeloid leukaemia. Nothing further expected.	Chihuahua	8.3	Nobbac L 4 Suspension for Injection for Origical To American (25/07/2016-25/0	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03782	United Kingdom	Animal		11 Week(s)	26/07/2016	15/08/2016	1	1 0	12/08/2016	Yes, <b R> >BR>Not Known</b 	Leucocytosis, Neutrophilia, Conjunct witis, Inappetence, Listless, Pyrexia, E yelid oedema, Abnormal test result, Oral mucosal blistering, Swollen moutil, Hypoproteinaemia, Hyperph osphataemia, Enlarged lymph nodes (generalised)	Not Known	Suspected Adverse Reaction. On 26 Jul 2015, dog vaccinated with Nobbac DHP and on 9 Aug 2016, Nobbac Ld (unknown figwen at room temperature), on 12 Aug 2016, presented quiet, prizeix, of food, bilateral conjunctivitis, swollen upper eyelds, swollen mouth, blistering muco-cutaneous junctions, enlarged submandibular inpun hodes and slightly enlarged popilited hyphyn hodes. Given Melouscan and Amoskillin/clavulanic acid. On 13 aug 2016, slight improvement, lips xtill swollen as well as hyphn hodes. Bood tests: Well 56 (£17), Neutropiih 13 (212,1) (Bal 15 (212), Bl 17 34 (§ 15), 55), Urea 2.3 [2.5-8.9], Prios 2.7 90.94-2.13], Total protein 48 [54-82]. Continued the same treatment. No further information executed.	Golden Retriever	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (09/08/2016- 09/08/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml 1 Animal (26/07/2016-26/07/2016)-BR>>BR>		NCA agrees with the MAH assessment.
	GBR-MERCIOMSD-2016-UK-03806	United Kingdom	Animal		6 Month(s)		14/10/2016	1	1 0	02/07/2016	Yes, GRX-GRX-GR RX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-G	Eosinophilia, Leucorytosis, Retching, Sneezing, Cupik, Repiratory sound, Abnormal test result, Elevated AT, Elevated SAP, Abnormal ultrasound finding, Reverse sneezing, Basophilia, Elevated gamma-glutamy transferase (GGT), Monocytosis	Not Known	Suspected Adverse Reaction. On 28 and 2016, dog vaccinated with Nobback ICK, Nobback DIP and Nobback LGK (Moshback LGK) with migen at room temperature). Fit and well at the time and nothing less given. Approximately between 2 or 3 Jul 2016, started sneeing and progressing into a slight cough. Presented and negative for tracheal princh. On 18 Jul 2016, started sneeting, snorring and sneeting, presented and negative for tracheal princh. On 18 Jul 2016, started sneeting, snorring and sneeting, presented and negative for tracheal princh. On 18 Jul 2016, started sneeting, snorring and spet owner, throat startiling and noisy proximal trachea and tendency to make choking noises if excited. Started Predissionen. On 10 Jul 2016, propriet since weekends portuge forware, throat startiling and noisy partial started to wormt, blood tests performed: Urea 2.3 (2.5-9.6), Creatisine 42 (44-159). Prospisate 2.2 (0.8.1.2.), All 738 (0.11-25), Alley 242 (3.2.1.2), Graft (2.0.11), Amylase 35 (500-1500), MCV and MCHC slight below the reference range (no value or reference range given), WGL 18.15 (5.05-16.5), Monocytes 15 (3.6.1-11.2, Giosipolis), 14.1 (4.06-1.2.3)) associates (2.0.2.0.1), an ultrasound was performed that stated heart was large and globular, dog admitted overright and given Cerenic. On 13 Jul 2016, given Nello and frusemide. Await further information. Follow up 14 Oct 2016 - No further information received. Case closed.	Yorkshire Terrier d	Not Known	Nobbac 0HP - 1.N/A/N/A, 10,1 m1 Animal (28/66/2516). Animal (28/66/2516). ANIMAL (28/66/2516). ANIMAL (28/66/2016). ANIMAL (28/66/2016)	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03819	United Kingdom	Animal		9 Year(s)	30/06/2015	16/08/2016	1	1 0		Not Known	Impaired vision,Retinal degeneration,Malaise,Skin warmth	Not Known	Suspected Adverse Reaction. vaccinated with Noblava L4 on 30 Jun 2015. On 1 Jul 2015 dogs is quiet and feels hot, started to bump into things. On 3 Jul 2015 presented with no vision in left eye and minimal in right eye. Left eye looks like retinal detachment, no sign of bleeding. Various (unknown) diagnostic carried out with no cause found. Re seen in Aug 2016 and no mention of blindness. Nothin further expected.	Bearded Coll	e 23	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (30/06/2015- 30/06/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-03831	United Kingdom	Animal	Canine/dog	7.5 Year(s)	08/08/2016	16/08/2016	1	1 0	14/08/2016	Yes, Not Known	Thrombocytopenia, Leucopenia, Dia rincea, Yomiting, Pellow mucous membranes, Lethrargy (see also Central nervous system depression in 'Neurological'), Weight loss, Not eating, Abnormal remia, Elevated BUN, Elevated AL, Ejevated SAP, Abnormal ultrasound finding, hyperprofisiaemia, Decreas ed red blood cell count, Decreased haemoglotha, Decreased acked cell volume (PCV)	Not Known	Suspected Alverse Reaction. Vaccinated with Noblace DHP and Noblace L16 on 8 Aug 2016. 14 Aug 2016 presented with bethargy, not eating mucous membranes; jaundle, [os tweight, vatery diarnhose, Bloods taken. Antibiotics given. PCV 138' (37-55%), White Blood Cells 2. 8 (6-15), Red Blood cells 2. 46 (5-8.5), Heamoglobins 7, (12-18), Patients 7 (200-500), Albumin B (2-40), Total Protein 119 (197-2), Globulins 111 (19-46), Urea 1.1 4 (1-4-7-4), Al T 3-6 (13-78), Aux P 306 (12-83), Presented 15 Aug 2016 actern a small amount and passed small amount of Faces, given antibiotic overright. PCV 13'54 (77-5) Vet suspects immune Mediated Haemolytic Alaxemia. Plan to start on Predisiolone and gastro protectarins. Northing further expected. I Aug 2016 at ex overright but then vorinted, Deaamethissone given and an ultrasound of the liver showed a thickening but no growths. The dog stayed in the Practic until the owners returned to discuss. Northing further expected.	Staffordshire Bull Terrier	20.8	Nobbac 0HP - 1,M/A/M/A (1,01 ml 1 Amima (186/86/216-16) 68/68/1016-18R-Nobbac 14 Suppension for injection for Dogs - 1,M/A/M/A (1,01 ml 1 Animal (08/08/2016-08/08/2016)-8R-NBF-	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03844	United Kingdom	Animal	,,,,,	14.6 Year(s)		17/08/2016	1	1 0	,,,,	Yes, <b R> >Pes</b 	Vomiting,Ataxia,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Nystagmus,Peripheral vestibular disorder	No Data	Suspected Adverse Reaction. On 13 Aug 2016, dog vaccinated with Nobivac DHP and Nobivac L4 (given at room temperature). No other treatment given. Clinically healthy at the time, however does have a weakness on back lags and end stage artinst is indo thips. On 15 Aug 2016, owner onticed the dog has collapsed in the morning, womited once that morning also and was ataxic. Presented and examination showed nystagmus and ataxia, veterinary surgeon diagnosed peripheral vestibular neuropathy. No further information expected.	Canine/dog		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (13/08/2016- 13/08/2016)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (13/08/2016-13/08/2016)-BR> 		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03871	United Kingdom	Animal	Canine/dog	1.2 Year(s)	06/08/2016	21/10/2016	1	1 0	15/08/2016	Yes, <b R> Not Known</b 	Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Pyrexia	Not Known	Siapected adverse reaction. Vaccinated on 6 Aug 2016 with Mobinsc DIPP and L4 (jurknown if jewn at room temperature) seen on 15 Aug 2016 out of hours after having two episodes of collapse on a walk, not seizure type behaviour. On examination it had a previsa 105.6. Otherwise was all normal. Admitted for intravenous fluids, given metacam and artibiotics. Bloods taken were all within normal evels. Blie add stimulation set taken and was within normal level. Seth bloods away for fits and faints profile, await results. Went home that right. Seen again on 16 Aug 2016 for monitoring, no further episodes. Pyrexis has resolved, sent home. Seen each day and has had no further episodes. Await further results follow up 21 Oct 2016 No more information received, close case	Border Terris d	r 8.4	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/08/2016-06/08/2016-06/08/2016-06/08/2016-08-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (06/08/2016-06/08/2016-08-R>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-03874	United Kingdom	Animal	Canine/dog	2 Year(s)	17/08/2016	17/08/2016	1 1	0 17/08	R> <b Know</b 	 <b i<br="">BR> Not i wn	Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Sispected Adverse Reaction. Vaccinated with Noblack L4 and Noblack KC on 17 Aug 2015. Within 2-3 minutes the dog collapsed and was started on oxygen therapy. Chlorphenamine was given intravenously and intravenous boluses of fluids. Steroids were also given. On an unknown time the dog returned back to normal. Nothing further expected.	Crossbred	22	Nobiwac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (17/08/2016- 17/08/2015)-BR>-BR>Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/08/2016-17/08/2016)-BR>>BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03924	United Kingdom	Animal	Canine/dog	4 Year(s)	19/06/2015	19/08/2016	1 1	0 18/08	R> <b </b 	BR> Yes, > < Not	Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy. Vaccinated with Nobivac DHP, Nobivac L4 and Nobivac KC. Vaccinated on 17 Jun 2016 and Canagen L4 on 21 Jul 2016. 18 Jul 2016 presented with vomiting and haemorrhage diarrhoes. Admitted of intra venous fluids and given Cerenia, Augmentin, Netronidazole and Zartac. Bloods were positive for Pancratilist and a pairox speed snap test was positive. 19 Aug 2016 stopped vomiting, lethangic. Nothing further expected.	Other Canine/dog	5.9	Nobias DHP - 1.N/A,N/A, 1.0,1 ml 1 Animal (19/06/2015- 19/06/2015) -BR>Nobivac KC - 4,N/AN/A, 1.0,0.4 ml 1 Animal (19/06/2015) -BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A, 1.0,1 ml 1 Animal (19/06/2015-19/06/2015) -BR>	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03927	United Kingdom	Animal		5 Day(s)	17/06/2016	19/08/2016	1 8	0 18/08	1/2016 Not P	Known	Congenital disorder NOS	Not Known	Supected Adverse Reaction. BitCh-4 year old Miniature Poodle, vaccinated with Nobivac DPI et al. On Nobivac (4 on 20 May 2016. The day are spotentially marked to 51 and 2016-owner unable to confirm. Nobivac (4 given on 17 Jun 2016. At the time of the Nobivac L & Was not known that the dog was pregnant. The bitCh will be 100 and all have destined to the size of the original of the size of the original of the original of the original original that the original origi	Miniature Poodle	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (17/06/2016- 17/06/2016) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03938	United Kingdom	Animal	Canine/dog	2 Month(s)	17/08/2016	22/08/2016	1 1	0 17/08		 <b< td=""><td>Vomiting.Ataxia,Lethargy (see also Central nervous system depression in 'Neurological')</td><td>Other</td><td>Suspected Adverse Reaction. On 17 Aug 2016, dog vaccinated with Nobbac DHP and Nobbac L4 for given at room temperature: extra label use), fit and well at time of vaccination. Presented to emergency practice same day, seen 3 hours later, very letharger, writted once and wobbly. Given steroids and intravenous fluid therapy and signs resolved after a couple of hours. No further information expected.</td><td>German Shepherd Dog</td><td>7.48</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/08/2016- 17/08/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/08/2016-17/08/2016)-BR>>BR></td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></b<>	Vomiting.Ataxia,Lethargy (see also Central nervous system depression in 'Neurological')	Other	Suspected Adverse Reaction. On 17 Aug 2016, dog vaccinated with Nobbac DHP and Nobbac L4 for given at room temperature: extra label use), fit and well at time of vaccination. Presented to emergency practice same day, seen 3 hours later, very letharger, writted once and wobbly. Given steroids and intravenous fluid therapy and signs resolved after a couple of hours. No further information expected.	German Shepherd Dog	7.48	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/08/2016- 17/08/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/08/2016-17/08/2016)-BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-03985	United Kingdom	Animal		10 Year(s)	28/06/2016	24/08/2016	1	1 06/08			Death by euthanasia, Lack of efficacy	Other	Sepected Lack of Expected Efficacy Vaccinated with Quantum PI CVL on 11 Sept 2009. Primary vaccine with Nobbus Let on 19 Jul 2011 and again on 31 Jul 2012. No full course as given. Vaccinety work for Nobbus Let and last vaccine given 28 Jun 2016. Presented 6 Aug 2016 as been quiet and not normal self. Reduced appetite and not interest in food for past 24 hours. On examination the scleen is jaundice and jaundice mucous membranes. Bloods were taken and appeted 27 Jun 27 Jul 2	Labrador Retriever	Not Known	Nobiwa: L4 Supervision for injection for Opes - 10/AM/, 10.1 ml 1 Animal (28/06/2016) - 8R>-4RP>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03998	United Kingdom	Human	Human	24 Year(s)	24/08/2016	07/11/2016	1 1	0 24/08	Know ≻≺BR	wn, <br< td=""><td>Eye stinging</td><td>Not Known</td><td>A student vet nurse had 1 of 2 vaccines splashed in her right eye when she was holding a puppy for vaccination. She washed the eye immediately, but it was still stinging. Additional information received indicated that it was a tetravalent leptospirosis vaccine. No medical attention was sought and the</td><td>Human</td><td>Not Known</td><td>Nobivac DHP - 1,,,,24 Nobivac L4 Suspension for Injection for Dogs -</td><td></td><td></td></br<>	Eye stinging	Not Known	A student vet nurse had 1 of 2 vaccines splashed in her right eye when she was holding a puppy for vaccination. She washed the eye immediately, but it was still stinging. Additional information received indicated that it was a tetravalent leptospirosis vaccine. No medical attention was sought and the	Human	Not Known	Nobivac DHP - 1,,,,24 Nobivac L4 Suspension for Injection for Dogs -		
	GBR-MERCKMSD-2016-UK-04000	United Kingdom	Animal		1.3 Year(s)	11/08/2016	30/08/2016	3 1	0 20/08	Yes Yes		Vicinitia, hypercalcaemia, Desibido, monsistera MOSAssala, dirasary monsistera dirasary mon	No Data	stinging resolved within about an hour. Vaccinated on 11 Aug 2016 with Nobivac DHP and Nobivac 14. Vaccinated at a previous Practice and then taken to the reporting Practice. Presented to mergency Vets on 21 Aug 2016 as reported to be having selutions and had 45 setures the previous day. The dog appeared to pass out for 5 minutes with stiffness and recover fully. The owner took a video of the episode in which the dog appears to show opticitionus and as warne but unable to rise. The dog gas passes urined fungle the episodes. Clinical examination revealed no abnormalities. The dog was admitted for an ECG to be carried out and observation. ECG abowed an ormal sinus rightm and heart and when rested 40 act 150pp. Packed cell Volume 40% (35-57%), Total Billinchin 20 (1-5), Amylase 381 (500-1500), Calcium 1.45 (1.12-1.40), Lactate 5.04 (10.6-2.9). When in the hospital the dog was taken for a walk, became increasingly attack when walking, fell into lateral recumbency, showed opsthotorus and passed urine. Placed on ECG straight away, heart rate 900pm and recovered very quickly and never appeared to be fully unconscious. Back to normal self after 5 minutes. The dog was kept in overright and had 2 further episodes, often oursting when salese, his finerseas to 10.40-201. Twaves appeared increased on ECG with a regular rhythm. 22 Aug 2016 the dog yomited. ECG shows arrhythmia pattern. Bloods were sent away and returned on 25 Aug 2016. Ref blood cells 20.15, 15-14) and commented that Auto Immune Hemolytic Assemble. Nothing further expected. Follow up 30 Aug 2016 - the dog is reported to be responding well to steroid use. Nothing further expected.	Jack Russell Terrier	6.1	1_a246RP-RBP. Noblwa L4 Supersion for Injection for Dogs - 1.N/A,N/A,10,1 ml 1 Aminal 11/08/2016-BR-ABP.	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04038	United Kingdom	Animal	Canine/dog	8 Month(s)	17/02/2016	26/08/2016	1 1	1 16/08		 <b br="" =""> Yes	Death,Lack of efficacy	No Data	Suspected Lack of Expected Efficacy. Four puppies that are related were vaccinated with Nobbac DH and Nobbac L4 and had similar reactions. See linked cases: 1051.UF-0.0039, 2016.UF-0.0032 and 2015 UK-04046. On 17 Feb 2016, dog vaccinated with second part of Nobivac DHP and Nobivac L4 (unknow if given at room temperature). On 16 Aug 2016, presented as started to have diarrhoes and pyrexic but unknown if was given ambitodics. On 18 Aug 2016, dog developed watery darrhoes with blood, still pyrexic, very lethargic and reluctant to eat. On 19 Aug 2016, owner reports that dog died overnight. No turther information exceted.	P English Cocke - Spaniel	r Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016- 17/02/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016-17/02/2016) 	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04039	United Kingdom	Animal	Canine/dog	8 Month(s)	17/02/2016	26/08/2016	1 1	0 16/08		 <b< td=""><td>Lack of efficacy</td><td>No Data</td><td>Supported Lack of Expected Efficacy. Four puppies that are related were vaccinated with hobbars DHP and hobbars. Captured Lack of Expected Efficacy. Four puppies that are related were vaccinated with hobbars DHP and hobbars. 2016-UK-00426. On 17 reb 2016. Glog vaccinated with second part of Nobbac DHP and Nobbars. Only and the properties of the prop</td><td>English Cocke Spaniel t</td><td>r Not Known</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016- 17/02/2016-BR->BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016-17/02/2016)-BR> </td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	Lack of efficacy	No Data	Supported Lack of Expected Efficacy. Four puppies that are related were vaccinated with hobbars DHP and hobbars. Captured Lack of Expected Efficacy. Four puppies that are related were vaccinated with hobbars DHP and hobbars. 2016-UK-00426. On 17 reb 2016. Glog vaccinated with second part of Nobbac DHP and Nobbars. Only and the properties of the prop	English Cocke Spaniel t	r Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016- 17/02/2016-BR->BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2016-17/02/2016)-BR> 	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKNASD-2016-UK-04061	United Kingdom	Animal	Canine/dog	18 Month(s)	18/07/2016	14/09/2016	1 1	1 17/08		BR> Not wn	Death Mucosa petechiae Abnormal ter reall Unconscious, Jimune mediated hemolytic anaema Elevated liver enzymes, Elevated SPA Abnormal utrasound finding. Decreased parked cell Youlme (PCI) Monocyosios, Low platelet count_Leucoytosis, Imphocytosis, for wheretyphilia, College (see also "Cardio-vascular" and "Systemic disorders")	Not Known	Supected Adverse Reaction Vaccinated with Nobiws CHP and Nobiws L. 16 on 18 Jul 2016. 22 July 2015 presented with peter bila heamorrhage on gum, reported to July was started on 17.13 May 2016. Plateted 26 (14.14 all liver enymes reported to be raised but no result supplied. Diagnosed with Immune Mediated Heamolytic Anaemia and started on Prednidate and Clawszeptin. 26 Aug 2016 Platetets 9 (18.4 848), Monocytes 15, (0.15 - 1.12), umphocytes 17.1 (2.1-15), clinically brighter, happier in self. Nobing further expected. Follow 14.5 expects 2016 - 2 Sept 2016 haematocrit 24.9 (37-61), haemoglobin 34 (13-20) Red Blood Cells (5.6 - 88) White Blood Cells 15 (1-61), employible 16, (2.9-16), haemoglobin 34 (13-20) Red Blood Cells (5.6 - 88) White Blood Cells 15 (1-61), employible 16, (2.9-16), blood supplied (14.2-16), and control of the control of the control of the Cells (14.2-16), and a control of the control of the Cells (14.2-16), and the control of the Cells (14.2-16), and a control of the Cells (14.2-16), and the Cells (14.2-16),	German Shepherd Dog	35	Nebiwa CHP - 1,1/4/N/A 10,1 m1 1 Animal 18,807/201548-R-Nebiwa L4 Suspension for Injection for Dost 1,1/1/201548-R-Nebiwa L4 Suspension for Injection for Dost 1,N/A,N/A, 10,1 m1 1, Animal (18,707/2016-18,707/2016)-8R->BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-04067	United	Animal	Canine/dog	8 Year(s)	11/04/2016	30/08/2016	1	1 0	23/08/2016	Not	Lack of efficacy	Not	Suspected Lack of Expected Efficacy for Lepto On 11 Apr 2016, dog vaccinated with Nobivac DHP and	English Cocke	r 19	Nobivac DHP - N/A,N/A,N/A	O1 - Inconclusive	NCA agrees with the MAH assessment.
		Kingdom									Known,
 Not Known</br 		Known	Nobbva C. d. O. 23 Aug 2016, presented vomiting and off food. On 26 Aug 2016, presented as still vomiting and developed diarrhose and anorxis. Blood performed with an abnormal pancrasic lipsas- test and urea and creatinine off the scale as well as elevated WBC (no value or reference ranges glorn). Admitted for intravenous fluid therapy and Clavasepint. he kidneys were utrassounded and observed an abnormal kidney. On 27 Aug 2016, more blood tests performed and urea and creatinine were high (no value glorn). Reported that dog had been swimming in the local late recently and leptospirosis was suspected so treated with Dosycycline. On 30 Aug 2016, presented at practice bridger. No further information sexection.	Spaniel		N/A,N/A (11/04/2016- 11/04/2016): BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (11/04/2016-11/04/2016): BR> 		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04077	United Kingdom	Animal	Canine/dog	10 Year(s)	04/08/2016	31/08/2016	1	1 0	19/08/2016	Yes, <b R> No</b 	Pale mucous membrane, Abdominal pain, Diarrhoea, Inappetence, Lethar gy (see also Central nervous system depression in 'Neurological'), Immune mediated haemolytic anaemia, Elevated total bilirubin, Decreased packed cell volume (PCV)	Other	Suspected Adverse Reaction Vaccinated with Nobinsc DHP and Nobinsc L 16 on A Jug 2016. Used straight from the filling (Extra Label Lut) – 3 Mag 2016 presented with lehrangs, diarrhoea, inappetance. The dog was admitted and placed on intra venous fluids. Bloods showed Total billinubin 34 (p-1.6), Blood was also sent off for Coombo testing and returned as Immune Mediated Haemolytic Anaemia. The dog has had 2 blood transfusions at a referral practice and the dog was discharged on 25 Jug 2016. The dog had a blood transfusion repeated on 25 Aug 2016, PCV was 12%. Currently pale, PCV 20% and on Predicare and Omerpzacio, limuran, Plavis and Atopica. Uncomfortable in cranial abdomen. Nothing further expected.	Other Canine/dog	9.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (04/08/2016-04/08/2016-04/08/2016-08-08-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (04/08/2016-04/08/2016) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04083	United Kingdom	Animal		3 Month(s)		31/08/2016	1			Yes, <b R> >Not Known</b 	Nephritis, Death	Not Known	Siapected Adverse Reaction. In Nov 2015, dog vaccinated with Niobivac DIPP and Nobivac L4 (unknown if given at room temperature). Reported that approximately a week first reacond vaccination, on 30 Nov 2015, the dog developed nephritis. Tested for Leptospirosis but results were inconclusive. Admitted and given supportive treatment. On an unknown date, the dog died. No further information expected.	Labrador Retriever	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/11/2015- 01/11/2015-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/11/2015-01/11/2015)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04108	United Kingdom	Animal	Canine/dog	4.1 Year(s)	01/09/2016	01/09/2016	1	1 0	01/09/2016	Yes, <br< td=""><td>Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Panting,Lethargy (see also Central nervous system depression in 'Neurological'),Pale mucous membrane,Vomiting</td><td></td><td>Vaccinated on 1 Sept 2016 with Nobbwa DHPPI and L4 [not given at room temperature EUJ also had Adhocate and Droit alignesmeds but no given. Seen half a nious later with voiming, collapsed and weak and panting, pale mucous membranes. Was admitted and placed on intravenous fluids, and histainnes and Colossone Higetion , Cerenia and a broncho dilator. Had recovered that afternoon. No more information expected.</td><td>Crossbred</td><td>14.4</td><td>Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A, 10,1 ml (01/09/2016-01/09/2016)*-BR>\GBR>\GBR>\GBR>\GBR>\GBR>\GBR>\GBR>\G</td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></br<>	Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Panting,Lethargy (see also Central nervous system depression in 'Neurological'),Pale mucous membrane,Vomiting		Vaccinated on 1 Sept 2016 with Nobbwa DHPPI and L4 [not given at room temperature EUJ also had Adhocate and Droit alignesmeds but no given. Seen half a nious later with voiming, collapsed and weak and panting, pale mucous membranes. Was admitted and placed on intravenous fluids, and histainnes and Colossone Higetion , Cerenia and a broncho dilator. Had recovered that afternoon. No more information expected.	Crossbred	14.4	Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A, 10,1 ml (01/09/2016-01/09/2016)*-BR>\GBR>\GBR>\GBR>\GBR>\GBR>\GBR>\GBR>\G	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04129	United Kingdom	Animal	Canine/dog	7 Year(s)	29/08/2016	02/09/2016	1	1 1	29/08/2016	Yes, <r R>BR>BR>Not Known</r 	Lymphopenia, Circling - neurological disorder (see also 'Behavioural disorders'), Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Death by euthanasia, Lateral recumbency, Rigidity, Hypophosphat aemia. Hyookalaemia	Not Known	On 1 Aug 2016, dog vaccinated with Nobivac KC and Nobivac LC furthrown if given at room the preparable, if a new led and no other products given. On 2 9Aug 2015, at 9.3 Aum dog vaccinated with continuous products given. On 2 9Aug 2015, at 9.3 Aum dog vaccinated with the product of the pr	Staffordshire h Bull Terrier	17.9	Nobivac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (01/08/2016- 01/08/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10.1 ml 1 Animal (29/08/2016-29/08/2016)-BR>>BR>	B - Possible	Close time association with clinical signs (same day). Even if signs are not expected, product may be a factor and cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04152	United Kingdom	Animal	Canine/dog	2 Month(s)	22/08/2016	05/09/2016	1	1 0	22/08/2016	Yes, <b R> Not Known</b 	Injection site lump,Injection site pain,Collapse (see also 'Cardio- vascular' and 'Systemic disorders')	Not Known	Sispected Adverse Reaction. On 22 Aug 2016, dog vaccinated with Nobivac DHP and Nobivac L4 (unknown if given at room temperature), fit and well at the time of vaccination and no other medications given. Same day, presented to emergency practice as reportly crashed in the aftermoon (unknown exact details). On examination the had a small soft lump at injection site and it was quite painful. Given chlorphenamine and Metacam injections. No further information expected.	German Short haired Pointing Dog	6.85	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (22/08/2016- 22/08/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (22/08/2016-22/08/2016) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKWISD-2016-UK-04169	United Kingdom	Animal	Canine/dog	7 - 8 Year(s)	01/09/2016	30/09/2016	14	3	02/09/2016	Yes, R>BR>R>PsYes, >BR>CBR>Yes, NotKnown	Splenomegaly, Enlarged liver, Jaundice, Skin lesion NOS, Death, Inappetence, Loss of condition, Petechiae NOS, Abnormal necropsy finding	Not Known	Suspected Adverse Reaction. On an unknown date, two litters of seven puppies (14 in total) vaccinates at the same time with Noblova ChiPfl and Noblova Le Ultrainorm if given at room temperature). Reported that on an unknown date two puppies died and a third puppy became jaundiced and died on an unknown date. All puppies that died were from the same little. Awalf further information. Follow up 30 Sep 2016 - The PCR for leptosphrosis is positive. Campylobacter was also isolated. No further information expected.	d Other Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (01,09/2016- 01/09/2016-BR-SBR-Nobivac DHPP), lyophilisate and solvent for suspension for injection for dogs- 1,N/A,N/A, 10,1 ml 1 Animal (01/01/2016- 01/01/2016-BR-Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A, 10,1 ml 1 Animal (01/09/2016-NA)CBR-SBR-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04181 GBR-MERCKMSD-2016-UK-04194	United Kingdom	Animal	Canine/dog	Not Known	29/08/2016	05/10/2016	4	4 1	01/07/2016	Yes. ><	Birth defect, Death by euthanasia	No Data	Suspected Adverse Reaction/Limited information Female dog has received primary course vaccination with Noblova Lt a In 2018 as a pupy, five entired case 2016 Ltd. 1026.70. Unable to instituyish which puppy from original litter this dog is, and unable to gain information into whether the dog has had further vaccines of Noblova Ltd since this primary course in 2014. Owner reported that the dog has had a litter of pupples on an unknown date, 1 puppy had half its face missing and stomach wide open, and the other 3 pupples have holes, scrotcal inguant and unfailled hermiss. Pupples are 7 weeks of age and all will require surgery. Unknown of outcome to the puppy with half face missing-assumed euthanseed but not confirmed. A pupples in total. Nothing further available. Follow up 50 C105 - Reported that pupp with half face missing was euthanased at birth. No further information expected.	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,3/A,M/a ,10,1 ml 1 Animal (01/01/2014- 01/01/2014)-BR>-BR>	O - Unclassifiable/unassessa ble O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAL L4	GBR-MERCKMSD-2036-UK-04294	United Kingdom	Animal	Canine/dog	8 Week(s)	29/08/2016	29/09/2016	5	5 4	04/09/2016	Yes, skix-skix-sk R~SBR~BR>Not Known	Entents.Smudts.Death.nappetenc e. Toaming at the mouth, Dehydration, Abnormal necropsy finding	Known	Suspected Adverse Reaction. On 29 Aug 2016, five pupples (8 weeks) vaccinated with Nobbus CIPP an Nobbus Cal (burknown if given at room temperature), fit and well at time of vaccination and no other products given. On 4 Sep 2016, all pupples went off food and starting forbring at the mouth and started dying from 1 pan and lat dying at 2 am on 5 Sep 2018. Reported kept in a pen in a kitchen and unlikely have got hold of anything. Reported that one pupply is still alive but has not been presented yet and unknown of ficinical signs are still present. Awalt further information received. Pupply that is still alive was reported to be quiet with watery distribuse on 5 Sept 2018. Evaluating, cligibly bloaded abdomen, deployated, still siller, Parvo posither. Admitted for intra-venous fluids, Syndow. 7 Sept 2016 doing very well, and keeping food down, small amount of diadrinchea being assect. Post morter carried out no 2 pupples, degree of antibyte present in the section of small intestine, the histological features oblened in the musoa are suggestive of Necrosing enterties that maybe consistent craine parvowinist infection. Enterties has tilely caused the dehydration and electrolyte mahalince and may be the cause of the death in this pappy. Mild (Impholal anterly) present in the spleen may represent a mild immuno depression in this patent, in puppy 2, mild interestitial pneumonia is not evident in the planes of Issue examined but likely to be viral origin. Necrosing enterties, pre scapally imphola change are consistent with reactive sinuals histocytosis An Infection with carine panvo virus cannot be ruled out. Nothing further expected.	d English Cocker Spaniel d d	Known	Nebbac DHP - 1.N/A/N/A 10.1 ml 1 Animal (29/80/27516). 29/08/2016;eRF-8BF-Nobbac L4 Suspension for injection for Dogs - 1,N/A/N/A 10.1 ml 1 Animal (29/08/2016-29/08/2016):BR>-BR>	U1 - inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKWISD-2016-UK-04198	United Kingdom	Animal	Canine/dog	2 Month(s)	02/09/2016	29/09/2016	1	1 1	03/09/2016	Yes, <br<br< br=""> NOTABRA MRBRBRBRBRMR<</br<br<>	by euthanasia,Malaise,Hypoalbuminae	Not Known	Siagected Adverse Reaction Vaccinated with Nobivac: 4 on Nobivac DNP on 2 Sept 2016. Microchipped and given Advocate at the same time. Noted that the puppy was quieter than the other puppies and drinking more. 3 Sept 2016 Owner reported quiet on the way home, salivated and vomtec overright. Later that day the dog was presented back to the Vest with continued vomiting and claim-hose had started. The dog was admitted and placed on intra venous fluids, Cerenia and supportive care was given. 4 Sept 2016 full blooks were taken, no specific details but reported sidney values elevated, jaundice and quiet, continued diarrhose. It we and dead worms being passed in vomit and diarrhose. Place side 5.5 Sept 2016 freshines 5500 (Ininhorm range). Urse to high to read, Fotassium high, Albumin low. Treated with Lasks and fluid rate increased. The dog stopped producing unier that morning. Stop no unier still passed and dog no better, decided to euthanased, Owners declined a post morrem. Nothing further expected.	Crossbred	5	Advocate Spot- on Solution for Medium Dogs - 1,14/N/N, A /N/1, Val/Ampoule(t) 1 Animal (00/209/2016- 00/200/2016- 00/200/200/200/200/20	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-04199	United	Animal	Canine/dog	6 Year(s)	16/07/2016	06/09/2016	1 1	1	15/08/2016	No	Anaemia NOS.Vomiting.Abortion.Foetal	Other	Suspected Adverse Reaction Vaccinated with Nobivac L4 on 16 Jul 2016, given fridge temperature	Labrador Retriever	25.9	Nobivac L4 Suspension for Injection	O1 - Inconclusive	NCA agrees with MAH assessment
		Kingdom										NOs, vomiting, abortion, Foetal mummification, Foetal resorption, Death by euthanasia, Vaginal discharge, Decreased packed cell volume (PCV)		[Extra Label Use]. I month pregnant and ultrasound was carried out, multiple live foctuses. 1.5 Mg 1016 wonting since 15 Mg 2016, full term pregnancy, presented with whall discharge, ultrasound carried out and no pupples on scan, reabsorbed and aborted, 1 mummified foctus was passed, the dog was anaemic. Vet supports foreid leafth week after vaccine, the dog was support. Recovered well from general anaesthetic, PCV 10-11% and Vet supported immum Welduckel Hearnoylict Anaemia. The dog was eutlamased on 17 Mg 2016. No post morteries believing carried out. Nothing further expected.	Retriever		for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (16/07/2016- 16/07/2016) 		
NOBIVAC L4	GBR-MERCXMSD-2016-UK-04221	United Kingdom	Animal	Canine/dog	11.1 Year(s)	26/11/2014		1 1	i o	05/09/2016	Yes, Not Known	Lack of efficacy (parvovirus)	Not Known	Suppected Lack of Espected Efficacy for CPV On 26 Nov 2014, dog vaccinated with Nobivac DNP and Nobivac L (Inthrown If given a to room temperature). Reported that as an adult (date unknown) was only given a Nobiva DNP On 5 Sep 2016, reported that dog sa nadult (date unknown) was only given a Nobiva DNP On 5 Sep 2016, reported that dog satted working, lettings and off food. Presented with mild dehydration and was admitted for intravenous fluid therapy, Cerenia, Norocciav, Zantac and Vetergelic. Blood performed. AT 505 (Do 1118, pm) 47 321 (200 ± 200), Lymph 0.78 (14.3 & RB C 9.43 (5.3-8.5), H60 21.7 (12-18), MCHC 37.8 (31-34). Alv house snap for paravoirus was positive. Passed watery blood with a cit and an analodour from ann. Treated at emergency, given in Mctronidazole. On 6 Sep 2016, heemorrhagic diarrhore still continued. Reported that dog is on Onsior for Infold egip pior to reaction (least defablic unknown). Avail further information. Follow up 15 Sept 2016—the dog was discharged. Faecal analysis was negative for salmonella and Campylobacter, positive for lootstria. Faecal paravoirus SCR negative, Cyllow up 55 Sept 2016—inhous PCR was faint positive, but external PCR was negative for Panovirus. Nothing further expected	Weimaraner	25	Nobiac DIP - 1,N/A,N/A, 10,1 ml 1 Animal (26/11/2014- 20/11/2014-BR-Nobiac L4 Suspension for Injection for Deg- 1,N/N/A, 0,10 ml 1 Animal (26/11/2014-26/11/2014)-BR>-BR>	No assessment performed	
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04232	United Kingdom	Animal	Canine/dog	6 Year(s)	03/08/2016	13/09/2016	1 1	. 0	03/09/2016	Yes	Low blood pressure, Diarrhoea, Vomitting, Addis on's disease, Unable to stand, Collapse (see also 'Cardio- vascular' and 'Systemic disorders'), Hyopolbuminaemia, Hyo oglycaemia, Hypoproteinaemia, Sha king, Elevated BUN, Elevated creatinine	No Data	Suspected Adverse Reaction. On 3 Aug 2016, dogs vaccinated with Noblava: L6 (unknown if given at room temperature), on 3 Sep 2016, presented collapsed and shaling, low blood gessure and low blood glucose. Also stated to be vomiting and diarrhoea. Admitted for intravenous fluid therapy and supportive treatment. On 5 Sep 2016, dog improving but more conscious and unable to stand, has had a na soggastric tube placed. Stated that bloods showed delevated Urea, creatinine and low total protein and albumin. Await further information.	Labrador Retriever	25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (03/08/2016-03/08/2016) 	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-04237	United Kingdom	Animal		2 Year(s)	16/08/2016	13/09/2016	1 1	L O	18/08/2016	Yes, <b R> >Not Known</b 	Pale mucous membrane, Bloody diarrhoea, Vomiting, Impaired vision, Not drinking, Pyrexia, Not eating, Glazed eye	Not Known	Dog was critisated with Nebinac DIP and Nebinac LE (unknownf given at room temperature) on 16 Aug. 2016. On 18 Aug 2016 started vomitting and diarrhoea. The next eight days in hospital on a drip (unknown when the rest of clinical signs have started). The dog had blood darrhoea, vomiting, pyrexic and pale gums. Adipsia and anorexa. Stated from the owner that the dog couldn't recognise the owner and seemed glaster. Unknown if the dag made a recovery. Not unter information expected. Follow up 13 Sept 2016 Canine pancreatitis negative. Nothing further expected.	Collie Rough	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (16/08/2016- 16/08/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (16/08/2016-16/08/2016)-BR> 		Temporal association is strong (48 hours) and initial clinical signs are known to occur following administration. Later clinical signs such as impaired vision and glazed eyes are not expected, however, product may be a factor and cannot be excluded.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-04241	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	07/11/2016	3 7	7 4	01/01/2016	Not Known	Stillbirth,Pyometra,Death by euthansia,Death Reduced conception rate, Malformation NOS	Not Known 5	Suspected Adverse Reaction. Case has been reported from a social media site. Reported that on an unknown date, two beeders stated that have had conception failures in 4 or 5 lichics between them, the dogs have a history of Nobbac L4. It is reported that on an unknown date recently a bitt in had a stillbirth (no post motern performed). The dogs are not vaccineted during pregnancy but is unknown whether they were vaccinated prior to going to stud. Await further information. Follow up 23 Sept 2016-further information neceived. 3 loosed bitches; for 40 or 5) have been having fertility livsues since 2014. All had boosters with Nobbac L4, however unknown dates given. The first bitch has not conceived at all since 2013. The second toth had 2 normal harbity littless prior to 2014, and then when she gave birth (normal pregnancy) she needed to have caesarian which revealed 2 dead pupples which had been date for 2 weeks and 2 the pupples, 10 which hed 2 hours later. One horn of the utreus was infected and her milk was also infected so the puppy had to be hard reared. The third bitch had latter in Agg 2015 after not being able to conceive at 2 previous attempts, When the dog variety is the pupples of the services and the pupples of the pupples	Cavalier King Charles Spaniel	Not Known	Nobbac L & Supervisor for Injection for Object 10, 10, 10, 10, 11 and 11 Animal (DJ/01/2016) BR~BR>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04247	United Kingdom	Animal	Canine/dog	4.7 Year(s)	26/08/2016	23/01/2017	1 1	. 0	26/08/2016	Not Known	Limb weakness, Lethargy (see also Central nervous system depression in 'Neurological'), Unable to jump, Off colour, Reluctant to move, Inappetence, Adipsia	Not Known	Suspected Adverse Reaction On 126 Aug 2016, dog vaccinated with Noblace L4 (unknown if given at room temperature), On 5 sep 2016, neproted og is unable to walk and jump sinse vaccination, also lethargic and inappetant. Presented with no abnormalities stated and very lively, blood tests were performed and no abnormalities sear. No further information pecyclet. Follow 23 Jan 2017—history received. Owner reported the dog was weak on back legs 24 hours after the vaccine and had a limp and was able to walk slowly but unable to jump. After 1 week it had not improved. 6 Sept 2016 presented as off coloru, not driving as much and not eaten that day and weakness in back legs had continued. On earningston the Ver had difficulty lifting the dog put from the floor, but no abnormalities observed. 7 Sept 2016 Metacam was given and the problem fully resolved. Nothing further expected.	Staffordshire Bull Terrier	34.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,01, ml 1 Animal (26/08/2016-25/08/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04264	United Kingdom	Animal	Canine/dog	3 Month(s)	06/08/2016	07/09/2016	1 1	L O	15/08/2016	Not Known	Swollen eye	Not Known	Suspected Adverse Reaction Vaccinated with primary vaccine of Nobivac L4 on 6 Aug 2016. The dog was presented with puffy eyes on 15 Aug 2016. Pirton was given and Isathal eye drops. The dog reacted to second vaccine with a presumed hypersensitivity reaction, see linked case 2016-UK-04266 Nothing further expected.	Labrador Retriever	8.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (06/08/2016- 06/08/2016)-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04266	United Kingdom	Animal	Canine/dog	3 Month(s)	07/09/2016	07/09/2016	1 1	l o	07/09/2016	R> Not Known		Not Known	Suspected Alverse Reaction Vaccinated with primary vaccine aug 2016 and developed pdf yees 0 days later-see likeld case 2016-UI-0264. Second vaccine with Noblova CUPP on An Obboxa L6 no 7 Sept 2016. Reported that evening the dog developed facial swelling and urticaria within 20 minutes of the vaccine. The dog also vomited twice, Piriton was given. Nothing further expected.	Labrador Retriever		Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - 1,1M,7M,4,10,1 ml 1 Animal (07/09/2016-07/09/2016)+BR>-BR>Nobivac L4 Suspension for injection for Dogs-1,N/A,M/A,10,1 ml 1 Animal (07/09/2016-07/09/2016)+BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSO-2016-UK-04286	United Kingdom	Animal	Canine/dog	3 Year(s)	07/09/2016	08/09/2016	1 1	L O	07/09/2016	Yes, <b R>BR> Yes, </b 	Pale mucous membrane,Diarrhoea,Vomiting,Let hargy (see also Central nervous system depression in 'Neurological')	No Data	Suspected Adverse Reaction Vaccinated with Nobinax IC, Nobinac L4 and Nobinac DHP on 7 Sept 2016 Presented within 1 hour of the vaccine with leblargy, comiting and diarnose, age mucous membranes, Treated with Dexadreson and resolved within 15 minutes. Nothing further expected.	Yorkshire Terrier	3.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (07/09/2016-)8R>-Nobivac KC - 4,N/A,N/A, 1,0,0,4 ml 1 Animal (07/09/2016)6RR>-BR>-Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (07/09/2016-07/09/2016)-BR>-SB>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04291	United Kingdom	Animal	Canine/dog	9 Year(s)	07/09/2016	08/09/2016	1 1	0	07/09/2016	Yes, <b R> No</b 	Diarrhoea,Bloody diarrhoea,Vomiting,Recumbency,C ollapse (see also 'Cardio-vascular' and 'Systemic disorders'),Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Increased packed cell volume (PCV)	Other	Siapected Adverse Reaction Vaccinated on Noblvac DHPPI and Noblvac L4 on 7 Sept 2015. Given straight from the fridge (Extra Label Use) Developed diarrhoes and womting 30 minutes-90 minutes port vaccine, blood in darrhoes, very ligilar Presented on a Sept 2016 and admitted for instru venue fluids, artibilities and Amoxycare, Cereila was also given. PCV 62% (55-57%) and galet. Owner peopled that the doc gool lapse elsa inglivar and didn't want to walk and just lying down. Appears very lethangic but able to walk. On 9 Sept 2016 the dog was sent home. No further vomitting or diarrhoes. Bloods were reported to be normal. Nothing further expected.	Labrador Retriever	33	Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - 1,N/A/A,10,1 ml 1 Animal (07/09/2016-07/09/2016)+BR~BB*Nobivac L4 Suspension for injection for Dogs-1,N/A,N/A,10,1 ml 1 Animal (07/09/2016-07/09/2016)+BR~BB*>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04296	United Kingdom	Human	Human	24 Year(s)	08/09/2016	08/09/2016	1 1	. 0	08/09/2016	Not Known	Injection site bleeding,Injection site pain	Not Known	A vet pricked the tip of her left middle finger with a dirty needle whilst vaccinating a dog. She didn't think any product was injected. She immediately washed her hands and the injection site, which was bleeding. At the time of reporting she was only experiencing injection site pain.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,10 		

													T					
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04345	United Kingdom	Animal	Canine/dog	10 Year(s)	05/09/2016	10/11/2016	1 1	0 07/09/20:	6 Yes, <e R>BR>GBR>Yes GBR>GBR>CBR> BR>GBR>Yes</e 	Decreased appetite, Off colour, Limit weakness, Linkteady gait, Hypersensitivity reaction, Sieepiness - neurological disorder, Hyperaesthesia	b No Data	Saspected Adverse Reaction Vaccinated on 5 Sept 2016 with Nobbac DNP, Nobbac L4 and Nobbac KR Reported 2 days after the vaccine with deuced appetite, quiet. Then 4 days after the vaccine the dog was sleepy and unsteady on legs. On examination the dog had hyperesthetic around face and eyes and general ataxia with limb weakness. The dog is extremely hyperessitible when approached for being handled. Further investigations are being carried out. Follow up 15 Sept 2016 - Intravenous steroids have been started and repeated and the dog is making a significant improvement. Awalt Further information. Follow up 10 Nov 2016 - Nothing Further has been received, despite attempts, case closed.	Retriever	29	Nobivac DHP - 1.N/A.N/A.10,1 ml 1 Animal (05/09/2016- 05/09/2016)-08R-S-BR-Nobivac KC - -4,N/A.N/A.10,0.4 ml 1 Animal (05/09/2016- 05/09/2016- Suspension for Injection for Dogs - 1,N/A.N/A.10,1 ml 1 Animal (05/09/2016-05/09/2016)-08R-SBN- Nobivac DHP - 1.N/A.N/A.10.1 ml 1		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIONSD-2016-UK-04359	United Kingdom	Animal	Canine/dog	10.1 Year(s)	29/12/2015	10/11/2016	1 1	0 11/09/20	5 Yes, -BR>-E R>-BR>-BR>Not Known	Lack of efficacy	Not Known	Sespected Lack of Expected Efficacy for distemper Vaccinated on 29 Dec 2015 with Noblacc LPP and Noblacc LA1 13 Eggs 2016 presented as quiet and off flood. The Gog was sturg in the foot on the 10 Sept 2016. Vomited and hunched over, breathing wheevy, temperature 38 Cebius, dehydrated, White Bood Cells 42 (no reference range supplied), lymphocycle 202, Monocycles 0.13, Patelets 38, Albumin 23, Globulin 28, Total Protein, Panos snap test negative. Disrrheea passed on admission. Placed on interaceus Mids, Manoplania, Rantifidire and antibiotics and pain relief yelm. Radiograph show mild alveoli pattern and suspected Preumonia. Vets also suspects Distemper. Await further information. Other dog in the household reacted to vaccine on all different date; see linked case 2015 UL-04361. Follow up 12 Oct 2016 - 12 Sept 2016 wheety chect, treated with Cerenia, Ramitidine, Augmentini, Vetergeric, Busscopan and Meroniadzole and pale den insolition. 13 Reg2 2106 settle and comfortable, diarrhoras is seeping from anus and having to be bathed constantly and skin becoming service. 14 Sept 2016. Peen coloured didnerous, no interest in fool. 15 Sept 2016 fright and wagget 11s sent home and given Kesium and Rantidine. 28 Sept 2016 s- weight gain, no vomiting, some bortonym addiones confortable. 7 Oct 2016 is estacrized out for Gardina, await further information, open case. Follow up 10 Nov 2016 - nothing further has been received, case closed	Yorkshire Terrier	6.1	Nobiac DIP-1, NAN/A, 10,1 m1 Ammin (19/12/2015) 29/12/2015) 48-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-8-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCHMSD-2016-UN-04361	United Kingdom	Animal	Canine/dog	8.4 Year(s)	25/07/2015	12/10/2016	1 1	0 02/09/20	6 Yes, EBR> >F R> >Fes	Lack of efficacy	No Data	supected Lack of Expected Efficacy Vaccinated with Nobiwa: DHP and Nobiwa: L4 on 25 Jul 2015. Vaccinated with Nobiwa: L4 on 27 Jul 2015. Reported to be swell on since 2 Spe2 2016, presented on the 4 Spe2 2016, off food and vomiting. Marophan and Zitac given and sent home. 5 Spe2 2016 vomiting continued, adhominal pain, delirhorae. Bloods showed increased red blood cells, Low sodium/potassium ratio. Negative pancreatitis test, hypogivernia, dehydrated. Admitted for intra venous fluids, compared duodensum on uitra sound. The dog had a negolatorally pastroomy, bogo on duodensum was carried out, results suggest Pano or distemper. Was admitted and placed on a glucose diri, stabilised over 2-3 days and taken off glucose den, 5 Set 2016 Sen you visu snap set to negative 5 Spez 2016 developed neurological signs, weakness on right hand side poor proprioception, no meance response 21 Sept 2016 in olonger vomiting, await further results. Delir dog in the house also suspected Distemper, see linked case 2016-U-LO-6359. Follow up 12 Oct 2016 - History received. 9 Sept 2016 Augmentin was given and reported that a 19 pon on 5 Sept 2016 the oper group contact to the was given and by John redness and weeling had resolved. Kuckridiny when walking round kennel, food being syringed, 11 sept 2016 static but still knuckridine, quelt and not eating, continue to syringe food Blood glucose 2 Amentin, 4 sensor part of the static part of the static part of the static part of the static but still knuckridine, quelt and not eating, continue to syringe food Blood glucose 2 Amentin, 4 sensor part of the static but still knuckridine, quelt and not eating, continue to syringe food Blood glucose 2 Amentin, 4 sensor part of the static part of the stat	Yorkshire Terrier	4.2	Nobwa CHP - 1,1/L/N/A, 10,1, ml 1 Amimal (25/07/2015): eRR-NeBh-Nobwac L4 Supersion for injection for Dogs - N/A,N/A,N/A,N/A (25/07/2015- 25/07/2015): eRR-NeBh-Nobwac L5 Supersion for injection for Dogs - N/A,N/A,N/A,N/A,N/A (25/07/2015- 25/07/2015): eRR-NeBh-NeBh-NeBh-NeBh-NeBh-NeBh-NeBh-NeBh	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04363	United Kingdom	Animal	Canine/dog	9 Week(s)	01/09/2016	12/09/2016	1 1	0 01/09/20:	6 Yes, <c< td=""><td>Facial swelling (see also 'Skin')</td><td>Other</td><td>Suspected Adverse Reaction Vaccinated with Nobloac DHP and Nobloac L4 on 1 Sept 2016, straight from the fridge [Extra Label Use) Within 1 hour the puppies face started to swell. The puppy was presented at the Vest and given Decadros and Chlorphenamine and oxygen therapy, the puppies returned to normal an hour later. Nothing further information.</td><td>Boston Terrier</td><td>3.1</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/09/2016- 01/09/2016) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/09/2016-01/09/2016) >BR></td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></c<>	Facial swelling (see also 'Skin')	Other	Suspected Adverse Reaction Vaccinated with Nobloac DHP and Nobloac L4 on 1 Sept 2016, straight from the fridge [Extra Label Use) Within 1 hour the puppies face started to swell. The puppy was presented at the Vest and given Decadros and Chlorphenamine and oxygen therapy, the puppies returned to normal an hour later. Nothing further information.	Boston Terrier	3.1	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/09/2016- 01/09/2016) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/09/2016-01/09/2016) >BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04365	United Kingdom	Animal	Canine/dog	5 Year(s)	08/09/2016	12/09/2016	1 1	0 08/09/20:	6 Not Known	Restlessness,Panting,Respiratory signs,Shaking	Not Known	Suspected Adverse Reaction. On 8 Sep 2016, dog vaccinated with Nobiava L4 (unknown if given at room temperature). Same day, dog presented to emergency practice, shaking, restless and breathing changes (no specified). On examination was panting, restless and muscle shaking. Given oxygen therapy and injected with colvasone and sent home. An hour later fully resolved. No further information expected.	Chihuahua	3.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (08/09/2016- 08/09/2016) 	A - Probable	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04381	United Kingdom	Animal	Canine/dog	8 Year(s)	09/09/2016	18/10/2016	1 1	0 09/09/20:	6 Yes, <e R> Yes BR> Not Known</e 	Seizure NOS	Not Known	Saspected Adverse Reaction. Vaccinated with Nobivac DIPP, Nobivac L1 and Nobivac KC on 3-Sept 2016. Owner reported that he dog had seiture when walked round the park list erth same day. Previous vaccines in 2008 and 2009 with Nobivac DIPPI and Nobivac Lepto 2, but then has been vaccinated with Varguard vaccines since. Owner mentioned that the dog possibly had similar clinical signs a year ago, but no exact detail given. Nothing further expected, Follow up 18 Oct 2015 - the dog had the second Nobivac L4 on 7 Oct 2016, no reaction was observed. Nothing further expected.	Labrador Retriever	31	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016- 09/09/2016-)BR>-BR>Nobivac KC - 4,N/AN/A 1,0,0.4 ml 1 Animal (09/09/2016-)BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A,10,1 ml 1 Animal (09/09/2016-09/09/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSO-2016-UK-04414	United Kingdom	Animal	Canine/dog	8 Year(s)	05/10/2015	03/10/2016	1 1	1 10/09/20:	6 Not Known, KNOWN, 	Death by euthanasis, Lack of efficacy	Not Known	Saspected lick of Expected Efficacy. On S Oct 2015, 50g vaccinated with Nobinac DHP and Nobinac Li Luminovom if given at room temperature). On 10 Sep 2016, 60g was off colour. On 12 Sep 2016, 60g developed lethargy, diarrhose, off food. Presented and given Cerenia and siert home with Metronidazole and Fortfolino. On 13 Sep 2016, re-examined and has gat worse, as developed haemorrhagic diarrhose and continued tethargy and not eating. Blood tests performed: Phosphorus 725 (18.12-2), Cres 2016; 41-599, Iven 63 C 12, 7-59, 06, WE 18), 55-15-169, Netrophils 152 (2-17), PCV 90%, total protein 90 (52-82), globulin 62 (25-54), ALIO 269 (23-212). An ideas snap test was performed and confirmed episoprisons positive. A urive sample and further bloom Shave been sent or eaternal biboratory for analysis. Await further information. Follow up 23 C 2015– PCR tests were negative for leptospinosis and no antibodies were detected for all serovars. The dog was estimanased 64 days after treatment. The initial ultraxound appearance of the following may be another cause of the inflammation and pyelonephritis of the kidney. No further information expected.	Labrador Retriever	26.5	Nobiwa CHP - 1.1/k/N/A J.0.1 ml 1 Amimal (05/10/2015)-GR-Nobiwa C L4 Suspension for 100/2015 of R-RBT-Nobiwa C L4 Suspension for 100/2016 of 200/2015 of 200/2016	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04419	United Kingdom	Animal	Canine/dog	8 Month(s)	29/03/2016	14/09/2016	1 1	0 03/05/20:	6 Not Known	Joint inflammation, Limb weakness, Myelitis, Arthropathy NO	Not S Known	spected adverse reaction Vaccinated on 32 feb 2016 with Nobins. DNP and L8 then 2 weeks later contracted dosjunctivities. See care 2018-04.044.5 Vaccinated again on 39 Metr. D38 with Nobins. UNIV. Contractive of the Contra	German Shepherd Dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (29/03/2016-29/03/2016):BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04437	United Kingdom	Animal	Canine/dog	11 Week(s)	09/09/2016	13/12/2016	1 1	0 09/09/20:	6 Yes, <e R> >No</e 	Injection site pain, Tachycardia, Off colour, Lethargy (see also Central nervous system depression in 'Neurological'), Abnormal breathing	Other	Sappected Adverse Reaction. On 9 Sep 2016, do guecinated with hobbac DHP and Nobbac L6 (given at fridge temperature, extra label lost). Fin and well at time of vaccination no other products given Same day, dog developed lethangy and was flat. Presented to wets and stated lethangs and pain at rejection site, a chipcardia call nearly neshing. Admitted and no treatments given 0.01 Sep 2016, reported much improved but unknown if resolved. On 12 Sep 2016, puppy had a full heart examination and no abnormalisties were detected. Not of their information expected. Follow up 13 Dec 2016-Campylobactor and Salmonella negative, Giardia not detected. Nothing further expected.	Crossbred	1	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016- 09/09/2016)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016-09/09/2016)-BR> 	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-04460	United Kingdom	Animal	Canine/dog	11 Week(s)	13/09/2016	15/09/2016	1 1	0 13/09/201	Yes, Yes	Injection site pain, Vocalisation, Pale mucous membrane, Tachypnoea, Elevated temperature, Tense abdomen	No Data	Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 13 Sept 2016 at 10.30am. At 5pm the same evening the owner reported the dog's breathing was fast and the dog was whiring and painful. On examination, temperature 9.1. Celbus, spiriful at hijection ist and pale mucous membranes with a tense abdomen. Metacam given. The dog improved within 40 minutes and went home. The following day the dog had diarrhoea but had recovered. Nothing further expected.	Yorkshire Terrier	2.3	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (13/09/2016- 13/09/2016)-BR~BRNobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (13/09/2016-13/09/2016)-BR~BR>	B - Possible	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-04525	United Kingdom	Animal	Canine/dog	,	09/09/2016	19/09/2016	1 1		Yes, <b R> Yes</b 	Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Facial oedema	No Data	Suppected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 9 Sept 2016. L4 given at room temperature. Presented 3 hours post vaccine with facial oederna around muzzle and eyes, Temperature 38 C selsus, seltange, Deaderson and Printon were given and repeated the following day. No update from the owner since. Nothing further expected.	Crossbred		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016- 09/09/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016-09/09/2016) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	2 Month(s)	03/09/2016	11/10/2016	1 1	0 10/09/201	5 No, <b R> Yes, BR> No</b 	Ataxia.Hypoglycaemia,Dehydration Not eating.Pyrexia.Decreased body temperature.Vomiting.Bloody diarrhoea,Diarrhoea	. Other	Suspected Adverse Reaction. On 3 Sep 2016, dog wacrointed with Nobiusc DHP and Nobiusc L figlen at fridge temperature, exta label usel, if an advel all time of vaccination. On 5 Sep 2016, given Drostina tablet. On 10 Sep 2016, dog developed vomiting, diarnhoes, dehydration and tatals. Presented with a low temperature and given intraversors fluid therapy and was typoglycemic and was given glucose in fluids. Given Augmentin and Metronidazole. Responded well but not eating. On 11 Sep 2016, fluinned with blood in it and now previa and blood glucose 2.1 mmol/L (no reference range given). On 12 Sep 2016, blood glucose 4.2 mmol/L and still diarnhee but no blood. On 13 Sep 2016, Blood glucose 13 and 14 mmol/L throughout the day and stooks all normal and temperature resolved. On 18 Sep 2016, all clinical signs resolved and dog well in self. No further information expected.	Crossbred		Drontal Plus Flavour Bone Shaped Tablets - 1,N/A/N,2 4,1 Dose 1 Animal (06/09/2016- 06/09/2016)+BR>-SBR-Nobivac DHP 1,N/A/N/A, 10,1 ml 1 Animal (03/09/2016-BR>-SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 10,1 ml 1 Animal (03/09/2016-03/09/2016)+BR>-SBR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	3 Month(s)	14/09/2016	23/09/2016	1 1	0 18/09/201	5 Yes, <b R> No</b 	Lack of efficacy	Other	Suspected Lack of Expected Efficacy, On 14 Sep 2016, day vaccinated with second dose of Noblwac Dher and Noblova C. I for pigwen at room temperature, each as belus sql. fit and wells at time of vaccination and nothing else given. On 18 Sep 2016, developed vomiting and diarrhoea. On 19 Sep 2016, presented to vets with chinical signs as well as lethagic, dehydrated and nappetant. A pano snap test was performed and stated positive however the snap set was out of dataly. Therefore samples have been sent to external laboratory. Given intravenous fluid therapy, Rantidine and Cerenia. Await further information.	Siberian Husk	9.7	Nobivac DHF - 1,N/A,N/A,10,1 ml 1 Animal (14/09/2016- 14/09/2016)-BR>-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (14/09/2016-14/09/2016)-BR>-BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04587	United Kingdom	Animal	Canine/dog	Not Known	04/09/2014	21/09/2016	1 1	1 08/09/201	Yes, <b R> >BR>Not Known</b 	Decreased heart rate,Pericardial effusion,Death by euthanasia,Lethargy (see also Central nervous system depression in 'Neurological'),Reluctant to move,Off colour,Prolonged capillary refill time,Weak pulse	Not Known	Superted Alverse Reaction. On 4 Sep 2014, do gw.ccinated with booster of Nobiwac DHP and Nobiwa. Let (unknown if given at room temperature). On 8 Sep 2014, developed lethangs, operated and refusing to get up. Presented and in consult the dog had poor capillary refill time, heart rate and pulse (unknown parameters given.) Dog was diagnosed with Pencarisal IETWING and Deben medically treated (unspecified treatment). On 10 Sep 2014, dog went back to kennels. On 11 Sep 2015, dog was euthanised. No further information expected	: Boxer (German Boxer)	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (04/09/2014- 04/09/2014-8R->BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (04/09/2014-04/09/2014)-BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCXMSD-2016-UK-04625	United Kingdom	Animal	Canine/dog	15 Week(s)	20/09/2016	27/09/2016	1 1	0 20/09/201	Not Known	Increased heart rate, Bloody diarrhoea, Staggering, Constricted pupils, Lethargy (see also Central nervous system depression in 'Neurological'), Weakness, Mucous stool, Dry mucous membrane, Unresponsive to stimuli	Not Known	Supercited Alverse Reaction Vaccinated with Noblack L4 on 20 Sept 2015. Nurses dog to vaccine give at home. Within 2 bours the puppy became slugglish and very lethragic, weak and wobbly. The puppy was taken to the Vets at 11 pm and the puppy was stagering and not responding. Reart rate 180, temperature 38.7 cells, immous membranes were tacky, started on notice rate of intra venous fillion and Dezadreson was given and Chlorghenamine. Heart rate dropped to 148 and temperature 38. Cellsis. 1.13 Appin pinck pupils and no response from puppy. At 11.3 appin the public bearine larger and the puppy woke up, ate and drank and appeared to have recovered. 2 further doses of Chlorghenamine were given thought the religit and at 8 amo and 25 Sept 2016 the puppy had fully recovered. Follow up 27 Sept 2016 - on 22 Sept the puppy had diarrhoes with mucous and fresh blood, Sondow save sheen and full ver recovered.	Spaniel	5.47	Nobivac L4 Suspension for Injection for Dogs – 1,N/A,N/A, 1,0,1 ml 1 Animal (20/09/2016- 20/09/2016)-cBR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-04635	United Kingdom	Animal	Canine/dog	11 Year(s)	12/11/2015	22/09/2016	1 1	0 23/11/201	S Yes, <b R> Yes</b 	Low platelet count,Oral bleeding.Gum disorder NOS,Immune mediated thrombocytopenia,Elevated bile acids	No Data	Sorulous was leven and fully recovered. Sospected adverse reaction Vascinated on 15 Oct 2015 with Nobivac KC and L4. Then on 12 Nov 2015 had Nobivac L6 only, Seen on 30 Nov 2015 bleeding from the right side of it's mouth, this had started on 23 Nov 2015. The One was bright and aller, Platelets 41 (775–500 fl lst L(2015, like acids fratty 10.1(0.1-5.0) fliel acids fratty meal 10.2(0.1-10.0) Ret 133.9(0-110) 3 Dec 2015 seen with bleeding pure X rayed mouth fresults withown the yeap be examethason. The bleeding stopped on a unknown date. Bleeding stopped when seen and a platelet court was 8. They diagnosed with Immune mediated thromborotypenia (unknown how catabilished) and placed it on prednisone. 22 Sept 2016, still on Prednisone a very reduced dose. No more information expected	Border Collie	18	Nobivac KC - 4,N/A,N/A,10,0.4 ml (1.5/10/2015- 15/10/2015/BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/11/2015- 12/11/2015) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04648	United Kingdom	Animal	Canine/dog	9 Week(s)	16/09/2016	22/09/2016	1 1	0 18/09/201	Yes, <b R> Not Known</b 	Diarrhoea, Haemorrhagic diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Sapected adverse reaction. Vaccinated on 15 Sept. 2015 with Nobiac DTP and 14 (unknown if given at room temperature). Seen on 25 Sept. Owner reported that on 15 Sept the object and distriction and was lethatige, then standed to usmit brown vomit. Developed haemorrhage distriction and was very lethange. Was admitted for bloods and supportive treatment, was given intravenous fulsic. Pano snap test was regative and was also negative for panelsucopenia. Bonnie is improving on supportive treatment to more information exercise.	Yorkshire Terrier	0.7	Nobivac DHP - 1,N/A,N/A,10,1 ml (16/09/2016- 16/09/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (16/09/2016- 16/09/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04676	United Kingdom	Animal	Canine/dog		22/09/2016	23/09/2016	1 1		5 Not Known	Vestibular disorder NOS, Head tilt - ear disorder, Circling - neurological disorder (see also 'Behavioural disorders'), Staggering, Nystagmus, A bnormal test result, Decreased red blood cell count	Not Known	Suspected Adverse Reaction On 22 Sep 2016, 6 day secrimeted with first Noblace L4 (unknown if given at room temperature). On 23 Sep 2016, 6 day developed vestibular syndroms, such as circling, staggering, head tilt and horizontal inystagmus. Red blood cells. 4.29 (5.5-16.99) and a slightly low anyluse fior result or reference range given. Given Cerenta and alprazolam and the dog has been hospitalised. No further information expected	English Cocke Spaniel	14.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (22/09/2016- 22/09/2016) 	Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCXMSD-2016-UK-04679	United Kingdom	Animal		3 Month(s)	09/09/2016	22/11/2016	1 1	1 11/09/201	5 Yes, <6 R> No	Lack of efficacy, Death	Other	Suspected Lack of Expected Efficacy for lepto Two dogs vaccinated with Noblwac DHP and Noblwac L4 and had similar reactions. See lindec access 2016-UK-04860, 00-95 e2016, 60, quecinated with Noblwac DHP and Noblwac L4 (given at fridge temperature: extra label use). On 11 Sep 2016, dog became unwell. On 14 Sep 2016, presented with enaperoringic diarroles, arotaemia and elevated liver parameters: 17 e4 70-707, JAB 51 (2 Ked 40), AP 1156 (12-83), ALT 327 (12-78), GE 126 (8-14), Billimid 186 (0-16), Urea 493 (13-74), Crea 453 (20-124), phos 4.84 (0.8-1.8) and WIGC 23. (6-17). Dog admitted and given intravenous fluid therapy. On 155e p2016, the dog died and wait diagnostics for leptospirosis infection. Follow up 22 Nov 2016 - No further information received. Case closed.	Cavalier King Charles Spaniel	4	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016- 09/09/2016-BR>-RB>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016-09/09/2016)-BR>-BR>	,	NCA agrees with the MAH assessment.
	GBR-MERCXMSD-2016-UK-04680	United Kingdom	Animal			09/09/2016	29/09/2016	1 1		Yes, <b R> >No</b 	Lack of efficacy	Other	Supperted Lack of Expected Efficacy, Two dogs vaccinated with Nobines CLBP and Nobines CL and had similar reactions. See linked case 2016-10. McG497.0 on 9-92.001.66 go vaccinated with Nobines ClPP and Nobines L4 frost given at room temperature: extra label use). On 17 5ep 2016, dog becarene unwell and developed friesh blood in faces: and was admitted and given intravenous fluid therapy and was discharged on 25 Sep 2016. Awant further information from Inaboratory results. Follow up 25 Sep 2016. Reported that on 17 Sep 2016, dog presented vomiting, diarrhoes and lethange. Given Augmentin and Doxycycline. Laboratory results back and state low levels of stratishave and results interpret that the title 12:00 is more likely to be post vaccination rise rather than active clinical disease that's at a title of 1800-118001, However states when figil is varing and gid is not fully boosted until second vaccination. On 23 Sep 2016, presented and fully resolved now. No further information expected.	Spaniel	4	Nobino DHP - 1,N/A,N/A, 10,1 ml 1 Animal (09/09/2015- 09/09/2016)-GBR-SBR-NObinac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (09/09/2016-09/09/2016)-GBR>-GBR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04690	United Kingdom	Animal	Canine/dog	11 Week(s)	12/09/2016	23/09/2016	1 1	0 19/09/201	5 Yes, <b R> Yes</b 	Comeal oedema,Cloudy eye (for Miosis, Mydriasis, Anisocoria, Nystagmus - see 'Neurological'),Ocular discharge,Squinting	No Data	Suspected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L1 on 12 Sept 2016. Reported on 19 Sept 2016 when the owner had for 1 week, that the dog was squinting with sticky eyes. Cloudy colour, comeal cedema and some dye uptake but not typical of an utex. 20 Sept 2016 improving dischange, corneal cedema remains in both eyes and farm of dye uptake in left eye, none in the right. Antibiotics and bulcation eye drops were given. 23 Sept 2016 much better, still corneal oedema, nearly resolved and only slight dye uptake. Nothing further expected.	Crossbred	2.2	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (12/09/2016- 12/09/2016)-BBR-SBR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (12/09/2016-12/09/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-04728	United Kingdom	Animal	Canine/dog	Not Known	22/09/2016	27/09/2016	1 1	0 24/09/201	i Yes	Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Elevated creatinine	No Data	Suspected Adverse Reaction. On 22 Sep 2016, dog vaccinated with Nobivac L4 (unknown if given at room temperature). On 24 Sep 2016, dog developed lethargy and inappetant. On 26 Sep 2016, elevated creatinine (no value or reference range given). Given intravenous fluid therapy. On 27 Sep 2016 blood test sormal. On 28 Sep 2016, it was 000 that dog by da or whose ball lodged in intestense and was surgically removed. Unknown if clinical signs resolved. No further information expected.	Jack Russell Terrier	9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (22/09/2016- 22/09/2016) BR> 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIONSD-2016-UK-04732	United Kingdom	Animal	Canine/dog	6 Month(s)	23/06/2016	07/11/2016	1 1	0 17/09/201	Yes, Not	Lack of efficacy	Not Known	Sagested Lak of Spectad Efficacy Vaccinated with primary vaccine of Nobbac DRPF and Nobbac Level And SM 92 (14), second vaccine with some vaccines on 21 Jan 2016. 15 98-92 (15) second vaccine with some vaccines on 21 Jan 2016. 15 98-92 (15) second vaccine with some vaccine on 21 Jan 2016. 15 98-92 (15) second vaccine with some vaccine on 24 Jan 2016. 15 98-92 (15) second vaccine with some vaccine on 24 Jan 2016. 15 98-92 (16) second vaccine 32 (16) second vaccine 32 (16) second vaccine 340 (44-15), Plosphorous 3.59 (16.12-20), Calcium 3.20 (1.58-3.00), (Colorian 3.20 (1.58-3.00), Colorian 3.20 (1.58-3.00), Calcium 3.20 (1.58-3.00), Colorian 4.20 (1.58-3.00), Calcium 3.20 (1.58-3.00), Colorian 4.20 (1.58-3.00), Calcium 3.20 (1.58-3.00),	Labrador Retriever	16	Nabiwa: DIPPI, lyophilisata and solvent for suspension for injection for dogs - 1.N/A-N/A, 10.1 ml 1 Aminist 123/65/2015. 23/06/2015. 23/06/2016-RRRB-Nabiwa: L4 Suspension for injection for Dogs - 1.N/A-N/A, 10.1 ml 1.Animal (23/06/2016-23/06/2016)-BR>-BR>-BR->	B - Possible	Dog was vaccinated correctly but shows signs of Leptosprosis. The positive PCR on untile indicates the dog is shedding teptospires, therefore a SLET cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04743	United Kingdom	Animal	Canine/dog	Not Known	26/09/2016	28/09/2016	6 3	1 27/09/201	Yes, <6 R> Not Known	Diarrhoes_Intussusception_Vomiting_ Death by euthanasia_Lethargy (see also Central nervous system depression in 'Neurological'),Off colour_Not eating_Dehydration,Gastric irritation_Abdominal discomfort_Abnormal ultrasound finding	Not Known	Suspected Adverse Reaction 6 pupples vaccinated Noblace Libra and Noblace Libra and Tobbace Libra Case Seep 2016. All pupples somated in the car and a bit quiet the morning of the vaccine. 27 Sep 2010-53 pupples were reported to be quiet. 2 were lethrage, not eaten and 1 was reported to be quiet. 14 de aten that morning. Puppy 1 was dephydrates, suchera abdomen, dambora and vonsting and liquid feeling abdomen, puppy 2 had a gasy abdomen and lethragic, puppy 3 was wage; talled and no abnormalities were noted. Puppy 1 and 2 were admitted and placed on intriva venous flaids and gleven Syndrova and Crainde and Creenia, both not eaten. Puppy 1 had an ultrasound and revealed an intrassouration of the owner chose to have pupp esthamacel, puppy 2 allo had an ultrassound and not abnormalities were noted. 28 Sept 2016 Puppy 2 was brighter and had eaten, vomited overnight and sent home. Nothing further encerted.	Labrador Retriever	2 - 2.54	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (26/09/2016- 26/09/2016)-BRN-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A,10,1 ml 1 Animal (26/09/2016-26/09/2016) BR> 	B - Possible	Trining/clinical signs suggest product involvement. Lethargy womit and dairnhoea are expected after vaccination. Two vaccines involved.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04751	United Kingdom	Animal	Canine/dog	7 Year(s)	21/09/2016	21/11/2016	1	0 22/09/201	Not Known	Pyrexia, Stiffness NOS,Off colour,Bone and joint disorder NOS,Arthritis	Not Known	Sapected Adverse Reaction. On 21 Sep 2016, dog succinated with second part of vaccination of Noblwac L4 (unknown if given at room temperature). Reported since day after vaccination the dog has been stiff and quet. On 25 Sep 2016, presented with no swelling but stiffness and crepitus on hind joints as well as pyrexic. Given Metacam. No further information expected. Follow up 21 Nov 2016- radiographs carried out and showed arthritic changes, no joint ap carried out but has responded well to steroids started on 9 Nov 2016, Lyme disease titres negative. Nothing further expected.	English Springer Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (21/09/2016- 21/09/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04757	United Kingdom	Animal	Canine/dog	3 Year(s)	01/10/2014	28/09/2016	1 1	0 01/10/201	Yes, <b R> Yes</b 	Unable to stand,Limb weakness,Abnormal movement NOS,Hind limb paralysis	No Data	Suspected Adverse Reaction. Dog had similar reaction post vaccination of Nobivac DHP and Nobivac LA. See linked case; 2021-61.WGAPS, On LOT 2014, day syacrated with Nobivac DPP and Nobivac L4 (unknown if given at room temperature). Reported that same day the dog developed hind leg paralysis and weakness of forelimbs, crawling and unable to stand. Resolved that day, No further information expected.	Labrador Retriever	40	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/10/2014- 01/10/2014)-BRS-SRS-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (01/10/2014-01/10/2014)-BRS-BRS-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04759	United Kingdom	Animal	Canine/dog	3 Year(s)	01/10/2015	28/09/2016	1 1	0 01/10/201	Yes, <b R> Not Known</b 	Unable to stand,Abnormal movement NOS,Hind limb paralysis	Not Known	Suspected Adverse Reaction. Dog had similar reactions post vaccination of Nobiwac DHP and Nobiwac LA & See linked case 2016-IK.04737. In Ozt 2015, dog vaccinated with Nobiwac DHP and Nobiwac L4 (unknown if given at room temperature). Reported as unable to stand paralysis of hindlimbs and crawling forwards - no neurological deflicits The reaction listed 1-2 hours on the same day as vaccination and then fully resolved. No further information expected. [Labrador Retriever	40	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/10/2015- 01/10/2015):BRS~SRS~Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (01/10/2015-01/10/2015):BR>~BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04770	United Kingdom	Animal	Canine/dog	4.8 Year(s)	19/09/2016	29/09/2016	1 1	1 26/09/201	Yes, <6 R> Yes	Peritonitis, Haemorrhagic diarrhoea, Pancreas disorder, Vomiting, Gall bladder & bile duct disorder NOS, Death by euthanasia, Inapetence, Abnormal test result, Pancreatitis, Tense abdomen	No Data	Suspected adverse reaction Vaccinated on 19 Sept 2016 with Nobbac DPH and 14 (unknown) figure at room temperature) 2 Sept 2016 Sevel-pool vomiting and inapperance, crainal abdomen was tender or aplapation, Cerenia, Zantac and oral rehydration. a few hours later vomited despite the Cerenia, they placed on intravenous fluids. Bloods lateral and had a Pancreatic snap test which was normal. X reque on 27 Sept 2016 nothing was really noted, no foreign body found. Repeated bloods for Canine Parcreatilis which was abnormal, a see at sample away to an external laboratory. His hemorrhage diarhoes as well, still vomiting, Given Synulus and Banitátine and buprecare. 30 Sept exploratory laparotropy performed, revealed as like duct obstruction and massively enlarged gall hadder, grossly enlarged pancreas and Pertinolis. They Euthanssed. No post mortem performed. No more	Staffordshire Bull Terrier	14	Nobixa CHP - 1,N/A,N/A,10,1 ml (19/09/2016-18R>-BR>Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (19/09/2016- 19/09/2016) >BR>	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04829	United Kingdom	Animal	Canine/dog	10 Year(s)	27/01/2016	03/10/2016	1 1	1 01/08/201		Death by euthanasia,Immune mediated thrombocytopenia,NT - hepatic or biliary tumour (hepatocarcinoma/cholangiocarcin oma/ adenoma/cholangioma)	No Data	Sepected Adverse Reaction. On 27 Ian 2016, dogs vaccinated with hobbxcs L4 (unknown if given at room temperature). In Aug 2016 (date withown), dog developed Immune-mediated Thrombocytopenia and then diagnosed with a liver carcinoma and was esthmassed on 1 Sep 2016. It is suspected that the Vert tumour was prior to the IMTP. No further information expected. (Reason for suspected that the Vert tumour was prior to the IMTP. No further information expected. (Reason for susf or product. Generic LEPTO*4(CT_CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X105 541 Reason: Vaccination 1 State of health: Good of health Coold in the Vertice of	Alaskan Malamute	57	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (27/01/2016- 27/01/2016) 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-04831	United Kingdom	Animal	Canine/dog	2 Year(s)	15/10/2015	02/12/2016	1 1	0 28/09/201	Ves, -BR>-BR	Vomting,Blood in vomit,Collapse (see also Cardio-vascular' and Systemic disorders'),Cyanosis,Blood in faeces,Limb weakness,Fried limb ataxis,Proprioception deficit,Dehydration,Albornal test result,Hayperphosphatemia,[Levated d BUN,Elevated creatinine,Elevated to BUN,Elevated SAP,Thrombocytosis,Electohyte disorder,Hyperpotinaemia,Merha emoglobinaemia,Increased bowel movements (frequency,Elevated gamma-glutamyl transferase (GGT),Increased packed cell volume (FCV),Low platelet	Not Known	Suspected Adverse Reaction. On 24 Sep 2014, dog vaccinated with Noblace DMP and Noblace L4. On 31 OC 2014, vaccinated with Noblace L4. On 15 OC 2015, dog presented with Noblace L4. Union will Noblace L4 was given at room temperature. On 25 Sep 2016, dog presented ambulatory with hird limb weakness and histor cossing work or no examination it was observed to have reduced proprioception on left foreinha and left hind limb. On 25 Sep 2016, presented emergency practice as was passing a lot of 15 ottos. Admitted for intervenous fluid therapy for dehydration and blood tests. Reported vomiting and collisis. Blood results: Unea 22 S (2.5 -8.6), Crea 256 (44-159), Phos 4.7 5 (0.81-2.02), PR 361 (2-34), ARF 29 (23-21-2) (6-73 (6-11), Enloyde 20) (6-15), Chloride 20 (170-91-22) and CPU was abnormal. Later the day the dog developed pyrexia, haemorrhagic vomiting and diarnhoea. As the day progressed the dog collapsed and had slightly cynortic mucous membrane. Awalf further information. Follow up 2 Dec 2016 - No further information received. Case closed.	English Springer Spaniel	20	Noblac DFP - 1.1/(AN/A).0.1 ml 1 Animal (24/09/2014)-Beb-volvac L4 Suspension for Injection for Dogs - 1,N/A,N/A.10,1 ml 1.Animal (15/10/2015-15/10/2015)-BR>>BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04833	United Kingdom	Animal	Canine/dog	4 Month(s)	02/09/2016	03/10/2016	1 1	0 02/09/201	Yes, <er< td=""><td>Lack of efficacy</td><td>No Data</td><td>Sispected lack of efficacy Vaccinated on 4 Aug 2016 with Nobivac DHP and L4 (unknown if given at room temperature) Then given Nobivac DHP on 19 Aug 2016. Then on 2 Sept 2016 half Nobivac L4. See no 1.2 1 Sept with a temperature of 102.6 and halv owntring and diarnose not hemeorrhage). Then on 3.2 Sept was admitted due to the vomiting and diarnose. Unknown what treatment given if any. Sample was seen away to 102X widney have spositive PCF or parvovirus and also Clostridia. 102XG do not think it is vaccine related. The dog has fully recovered (date unknown). No more information seaccited.</td><td>Labrador Retriever</td><td>11.4</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (19/08/2016- 19/08/2016)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (02/09/2016- 02/09/2016)-BR> </td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></er<>	Lack of efficacy	No Data	Sispected lack of efficacy Vaccinated on 4 Aug 2016 with Nobivac DHP and L4 (unknown if given at room temperature) Then given Nobivac DHP on 19 Aug 2016. Then on 2 Sept 2016 half Nobivac L4. See no 1.2 1 Sept with a temperature of 102.6 and halv owntring and diarnose not hemeorrhage). Then on 3.2 Sept was admitted due to the vomiting and diarnose. Unknown what treatment given if any. Sample was seen away to 102X widney have spositive PCF or parvovirus and also Clostridia. 102XG do not think it is vaccine related. The dog has fully recovered (date unknown). No more information seaccited.	Labrador Retriever	11.4	Nobivac DHP - 1,N/A,N/A,10,1 ml (19/08/2016- 19/08/2016)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (02/09/2016- 02/09/2016)-BR> 	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-04838	United Kingdom	Animal	Canine/dog	12 Year(s)	23/08/2016	03/10/2016	1 1	0 27	/08/2016 Y		Diarrhoea,Vomiting,Anorexia,Abnor mal test result,Pancreatitis	Not Known	Sixpected Adverse Reaction. On 23 Aug 2016, dog vaccinated with Nobivac DHP and Nobivac L4 (unknown if given at room temperature). On 27 Aug 2016, dog presented to emergency practice with vonstiting, diarrhoea and anorexis. The dog was admitted for intravenous fluid therapy, Vetergest, Synulox and Cerenia. On 29 Aug 2016, Pancreatic Upsixe Immunoreactivity (CFU) was positive and was discharged that evening with Omegrazolo. Synulox and Tramadol. On 1 Sep 2016, the dog stopped womiting and a full resolution on 9 Sep 2016. No further information expected.	Jack Russell Terrier	11	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (23/08/2016- 23/08/2016)-BR-«BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,10,1 ml 1 Animal (23/08/2016-23/08/2016)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04866	United Kingdom	Animal	Canine/dog	3 Month(s)	30/09/2016	05/10/2016	1 1	0 01	/10/2016 Y	Yes, <b R>BR> Not Known</b 	Lethargy (see also Central nervous system depression in "Neurologica"), Weakness, Pyrexia, Hi nd limb ataxia, Stiffness limb, Stiffness NOS, Swollen lymph node, Stiff gait, Skin warmth, Taclal swelling (see also 'Skin')	Not Known	Supercial Adverse Reaction. Day sectionated with Nobleac vaccines and had similar reactions post vaccination. See linded cases 2016-14/08688 and 2016-14/08855. on 30 59 20 50, deg vaccination Adverse of the Common of the Com	Border Collie	Not Known	Nobivac KC - 4,N/A,N/A,1,0,0.4 ml 1 Animal (30/09/2016-30/09/2016-30/09/2016-8RS-4BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (30/09/2016-30/09/2016)-BRS-BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04969	United Kingdom	Animal	Canine/dog	10 Year(s)	09/09/2016	07/10/2016	1 1	0 10		Not Known,
 > Yes</br 	Appetite loss,Collapse of leg	Not Known	Suspected Aboves Reaction Vaccinated with Nobivac PI and Nobivac L4 on 9 Sept 2016. Owner reported that 24 hours after the vaccine, the dog went off his legs for 3 days and went off food. The dog recovered approx after 20 days. The dog did not have a second Nobivac L4. Nothing further expected.	Boxer (German Boxer)	43	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (09/09/2016- 09/09/2016)-BR>-BR>Nobivac Pi- 1,N/A,N/A,10,1 ml 1 Animal (09/09/2016-09/09/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04972	United Kingdom	Animal	Canine/dog	14 Week(s)	26/09/2016	07/10/2016	1 1	0 26	/09/2016 I	Yes, <b R> Not Known</b 	Colitis, Unable to stand, Lethargy (see also Central nervous system depression in 'Neurological'), Shaking, Abdominal discomfort, Eyes rolling back	Not Known	Suspected Adverse Reaction Vaccinated with Nobius CHP and Nobius CL 6 on 26 Sept 2016. Owner reported that the same evening the dog was very lethragis and rollingling revery said mulbale to stand. Seen by he emergency Vets and bright but had mild discomfort on abdomen palpation. Metacam was goven: 7 Oct 2016 Similar epizode today of rolling yets and lethragy but also shafing with muscous collis. No treatment given and sent home to monitor. Vet suspects the dog has other problems, but owner reductant to investigate. Nothing further espected; (Besson for use for product. Generic: UTV UP areas NOBINAC DHP IDIXIDS 123 Reason: Vaccination Generic: LEPTO*4(ICT.CAN,GRIPP,BRAT) KB rand NOBINAC Let 101015 541 Reasons Vaccination Glasse of heads to March 1016 MIN CARREST CONTRACT CONTRA	Whippet	3.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (26/09/2016- 26/09/2016-18R>-dRNobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 1,0,1 ml 1 Animal (26/09/2016-26/09/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-04991	United Kingdom	Animal		2 Year(s)	02/12/2015	17/10/2016	1 1			Yes, <b R> Yes</b 	Pyrexia	No Data	Supercted Adverse Reaction. On 2 Dec 2015, dog vaccionated with Nobwac DIPP and Nobbac L4 (unknown if given from temperature), find well and not ber groducts given 0.73 Dec 2015, presented pyreals and admitted for intravenous fluid therapy and no a hormalities in blood tests. On Dec 2015, dog lichtaged and pyreals resolved but no further clinical signs. No Horther information expected. Follow up 17 Oct 2016, the reported pyreals appeared to be a temperature of 104 degrees Fairmehelt (200 Celsius) listing for one day. With formal blood values and absence of any other signs the case is downgraded to non-serious due to this information. No further information expected.	i,		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (02/12/2015- 02/12/2015) Robivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (02/12/2015-02/12/2015) BR>		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04995	United Kingdom	Animal	Canine/dog	16 Year(s)	05/10/2016	10/10/2016	1 1	0 06	/10/2016 Y	Yes, NO	Diarrhoea,Bloody diarrhoea,Vomiting,Abnormal breathing,General pain (see other SOCs for specific pain),Lethargy (see also Central nervous system depression in 'Neurological'),Pleural effusion,Not eating	Other	Suspected Adverse Reaction Vaccinated on S Oct 2016 with Nobivac UPP and Nobivac Liven Nobivac Liven Nobivac Liven Nobivac Liven Nobivac Liven The Intelligent Table UII-by. The Object so concurrent carriant designes and on an unknown treatment, but currently well. S Oct 2016 Presented out of hours as vombility with distribeas since S Oct 2016, lethragic and not eating. Pleural efficiation. Started on intra venous fluids, Methadone, Cerenia and Dimazon. Discharged later that day on Tramadol and Probolin. 10 Oct 2016 no further vomitting and dog brighter and eating. Diarnhoes with blood. Metrondizacióe and Vertmedin geore. Reported that was placed on Vertmedin due to the dogs breathing, but it is unknown what the exact clinical signs were. Dumer was concerned the dog was in pain, so Tramadol given. Unknown	Siberian Husk	28.1	Nobixa CHP - 1,N/A,N/A,10,1 ml 1 Animal (05/10/2016- 05/10/2016)sBR~BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (05/10/2016-05/10/2016)sBR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-04998	United Kingdom	Animal	Canine/dog	11 Week(s)	27/09/2016	02/11/2016	1 1	0 27		Yes, <br R> >GRP>Yes, > BR> NO</br 	Seizure NOS	Other	Suspected adverse reaction Chihuahua pur vaccinated on 27 Sept 2016 with Nobwac DHP and L4 (straight form fridge EUI) Also had Alvocate applied at the same time. Seen on 110 Ct 2016 for a second Nobivac DHP and the owner reported that 3 hours after the first vaccination the dog had 2 second Nobivac DHP and the owner reported that 3 hours after the first vaccination the dog had 2 secures, they had hought the dog was 1 prophycemic at the time, the dog has had no other issues since. No more information expected	Chihuahua	1.3	Advocate Spot- on Solution for Small Dogs - 1.N/A.N/A.24,1 Dose (1 Day(s) 27/09/2016- Nobleva CHP - 1.N/A.N/A.20,1 Dose (1 Day(s) 27/09/2016- Nobleva CHP - 1.N/A.N/A.10,1 mi (27/09/2016- 27/09/2016)-RR-SBR-Nobleva L4 Suspension for Injection for Dogs - 1.N/A.N/A.1,0,1 mi (27/09/2016- 27/09/2016)-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	B - Passible	NCA agrees with MAH assessment
	GBR-MERCIXASD-2016-UK-05008	United Kingdom	Animal	Canine/dog	18 Month(s)			1 1		1	Yes, <fr> Yes</fr>	Tachycardia, Decreased packed cell volume [PCV], Decreased haemoglobin, Immune mediated haemoglobin, Immune mediated haemoglobin, Dehydration, Thrombocyto penia, Leucorycios, Pale mucous membrane, Lethargy (see also Central nervous system depression in "Neurological"], Pyrexia, Regenerativ e anaemia		Sixpected Adverse Reaction. On 4 Oct 2016, 6 log vaccinated with Nobbacc DHP and Nobbacc L4 (unknown if given a from temperature). — 0 Pot 2016, leftspay and pale mucous membranes, presented dehydrated, tachycardia and pyrexia. On 10 Oct 2016, manual PCV 17 (35-73) and PCV 29 (35-73). Reported that dog has a history of access to dirty water. Awalt further information. PCV 29 (35-73). Reported that dog has a history of access to dirty water. Awalt further information. Pollow up 21 Oct 2016-1- Boods carried out on 10 Oct 2016 Hermaglobin 9.1 (21:18), PCV 13/11/10. 30. 58/fl), White Blood Cells 32, 65-18, Platelets 131 (200-500), Possible intracellular parasite on the blood smeant, retacted with indoxcacch and Dosycycline and improving. Assemina, awalt further information. Proflow up 31 Oct 2016-7-2 40 CQ 105 PCV 397 (63-57%), and doing really well. Bloods carried out on 2 Oct 2016 show slightly decreased Red Blood Cells, slightly increased White Blood Cells and activated plateletis overlying the Red Blood Cells (infinition water carried), no parasites bowering mercent. Mediated Heenolytic Assemia was confirmed by autoagglutination. Nothing further expected. 27 Oct 2016 Associated started.		13.1	Noblac 0HP - 1.N/A/N/A 10.1 ml 1 Amimal 04/10/2016-8R-Noblac 16 04/10/2016-8R-NB-Noblac 14 Suspension for injection for Dogs 1,N/A/M, 10.1 ml 1 Animal (04/10/2016-04/10/2016)-8R->-8R->		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIMASD-2016-UK-05014	United Kingdom	Animal	Canine/dog	11 Year(s)	26/09/2016	11/10/2016	1 1	0 01	/10/2016		Injection site weellinginjection site pain/Amenia NGIV om platelet count_Eximpolital_eucovpriss_IV_om pmopcryots.Netropenia_eukaem is_Pale mucous membrane_Hpocalaemic condition_lamenes_Atasis_inapeti condition_lamenes_Atasis_inapeti condition_lamenes_Atasis_inapeti condition_lamenes_Atasis_inapeti renevous_pstem_depression in Neurological_Pyresis_Ahonmal text result_inposalbeminiesphisis_inatas_inat	No Data	Sispected Adverse Reaction. On 26 Sep 2016, dog vaccinated with Nobback L4. On 1 Oct 2016, dog developed a 1.5 Cm swelling at high citon site and pyreasi, given antibiotics and non-retoroidal anti-inflammatory. On 9 Oct 2016, dog presented to emergency practice and reports injection site mass nearly resolved but now lerbagis, inappetant and pyresic. Hoe dog was also unsteady on lega and large on 10 Control of 10 Contro		27.8	Noblact L4 Supervisor for Injection for Ones _1.10A,14,10.1 ml 1 Animal (26/09/2016-28/09/2016-8R>-8R>	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05015	United Kingdom	Animal	Canine/dog	8 Year(s)	10/12/2015	11/10/2016	1 1	0 01	/02/2016	Yes	Seizure NOS	No Data	Suspected Adverse Reaction History of seizures in Jun and Jul 2015. Bloods were carried out and showed high Toxoplasmosis levels. Nobivac L4 given on 10 Dec 2015. Another seizure in Feb 2016 and more recently in Oct 2016, unknown exact date. No diagnostics have been carried out. Nothing furthe avacated.	Other d Canine/dog er	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (10/12/2015- 10/12/2015 CRR> <rr></rr>	O - Unclassifiable/unassessa ble	NCA agrees with MAH asssessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-05020	United Kingdom	Animal	Canine/dog	7.2 Year(s)	08/09/2016	01/11/2016	1	1 0	08/09/2016	Yes	Injection site swelling, Abnormal test result, Injection site serous discharge, Lameness, Inappetence, Injection site necrosis, Injection site pain	No Data	Suspected Adverse Reaction Vaccinated with Nobivac L4 on 12 Jul 2016. Vaccine site swelling, see linked case 2016-UK-05015. Second vaccine Nobivac L4 on 8 Sept 2016. 6 Oct 2016 owner reported 1- 2 weeks post vaccine there was a large injection site swelling. Well in self, trying to lick at swelling, soft. Aspirated small amount of serous fluid and chose to monitor. 11 Oct 2016 whole leg swollen with a large necrotic exity 2-3 cmd eep, dickrateging pus, swelling 12 rub y Bcm. Lame, painful, inappetant and planning to be hospitalised. Awaiting further information. Follow up 1 Nov 2016 - The dog was admitted on 11 Oct 2016 for a general anaesthetic and fluid nowund, started on Marciocae, fusicion and Metronidazole. Large area of necrotic tissue fluided from the swelling. 12 Oct 2016 washed with histocina and dethird wound. Washe were taken. 13 Oct 2016 Syreptococcus caline infection isolated infection in the dethird wound. Washe were taken. 13 Oct 2016 Syreptococcus caline infection isolated infection isolated in the control of the swelling in the control of the swelling. In the control of the control of the swelling in the control of the control of the swelling. In the control of the control of the swelling in the control of the control of the swelling in the control of the control of the control of the swelling in the control of the swelling in the control of the control of the control of the swelling in the control of the swelling in the control of the cont	Staffordshire Bull Terrier	17	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (08/09/2016-08/09/2016)+ RR><-RR>	A - Probable	Injection site reactions do occur following vaccination, therefore vaccine involvement is considered PROBABLE
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05030	United Kingdom	Animal	Canine/dog	2.3 Year(s)	04/10/2016	11/10/2016	1	1 0	06/10/2016	Yes, <er> >Yes</er>	Aggression,Bloody diarrhoea,Vomiting,Inappetence,Le thargy (see also Central nervous system depression in "Neurological")	No Data	at the site of injection. Reported that the wound is healing ricely on 21 Oct 2016. The dog had been olarged and Nordine's further generated Sciepceted Adverse Reaction. On 4 Oct 2016, dog vaccinated with first Nobbac L4 (no temperature stated) and hoster of Nobbac KC. Reported that since vaccination the dog has been inappetant and subdued. On 7 Oct 2016, developed vomiting and haemorrhagic diarnhoes then was passing Blood clots. Presented and no abnormalities other than leitarry were noted. The veterinary surgean offered intravenous fluid therapy but owner declined but given Cereila, Synulou, Metronidazole and Nutribio and subctaneously fluids. Dog sen thome. On 11 Oct 2016, of greamleed therapy, off flood and diarnhoes has stopped. Not presented any further as become aggressive. No further information executed.	Great Dane	61.5	Nobivac KC4.N/A,N/A,10,0.4 ml 1 Animal (04/10/2016- 04/10/2016-)8R>-8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10.1 ml 1 Animal (04/10/2016-04/10/2016) -BR> 	O1 - Inconclusive	Cannot rule out product involvement.
	GBR-MERCKMSD-2016-UK-05052	United Kingdom	Animal	Canine/dog	6 Week(s)	10/10/2016	18/10/2016	7	1 1	10/10/2016	Yes, <er< td=""><td>Anaemia NOS,Vomiting,Seizure NOS,Death by euthanasia,Not eating,Ahormal test result,Muscle shaking,Immune mediated haemolytic anaemia,Incoordination,Shivering,Decreased packed cell volume (PCV)</td><td>No Data</td><td>Sispected Adverse Reaction Vaccinated a litter of 7 pupples with Nobina CHPP and Nobina LS on 10 CH 2016. Presented on 12 Oct 2016 a show ownted 1 hou mit for the vaccine and then became lethargic and stopped eating on 11 Oct 2016. The puppy was shaking all night, on presentation on the 12 Oct 2016, the puppy was shivering, uncoordinated. The puppy was admitted for Bloods and PCV 22xi (35.75%), Ure and Ircentainer reported to be low but no resists supplied. Also showed Ansemia and positive side agglutination. The puppy had a seiture and the owners decided to euthanased. Await if being sent for post nortem, open case, And letter Spupples are fine and well . Follow up 18 Oct 2016 – No post mortem was carried out. Nothing further expected.</td><td>Labrador Retriever</td><td>3.3</td><td>Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - 1,Nk,N/A, 1,0,1 ml 1 Animal (10/10/2016- 10/10/2016)+BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (10/10/2016-10/10/2016)+BR>-BR></td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></er<>	Anaemia NOS,Vomiting,Seizure NOS,Death by euthanasia,Not eating,Ahormal test result,Muscle shaking,Immune mediated haemolytic anaemia,Incoordination,Shivering,Decreased packed cell volume (PCV)	No Data	Sispected Adverse Reaction Vaccinated a litter of 7 pupples with Nobina CHPP and Nobina LS on 10 CH 2016. Presented on 12 Oct 2016 a show ownted 1 hou mit for the vaccine and then became lethargic and stopped eating on 11 Oct 2016. The puppy was shaking all night, on presentation on the 12 Oct 2016, the puppy was shivering, uncoordinated. The puppy was admitted for Bloods and PCV 22xi (35.75%), Ure and Ircentainer reported to be low but no resists supplied. Also showed Ansemia and positive side agglutination. The puppy had a seiture and the owners decided to euthanased. Await if being sent for post nortem, open case, And letter Spupples are fine and well . Follow up 18 Oct 2016 – No post mortem was carried out. Nothing further expected.	Labrador Retriever	3.3	Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - 1,Nk,N/A, 1,0,1 ml 1 Animal (10/10/2016- 10/10/2016)+BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (10/10/2016-10/10/2016)+BR>-BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05053	United Kingdom	Animal	Canine/dog	9.3 Year(s)	07/10/2016	17/10/2016	1	1 0	08/10/2016	Yes	Leucocytosis, Jymphocytosis, Drinki ng a lot, Polyuria, Off colour, Elevated temperature, Ahnormal test temperature, Ahnormal ressel abdomen, Elevated SAP, Decreased packed cell volume (PCV), Elevated cholesterol (Iotal), Head down, Monocytosis, Platelet disorder NDS	No Data	Saspected Adverse Reaction Vaccinated with Nobbac 14 on 7 Oct 2016. Previous vaccinated with Nobbac OHP. Nobbac v.C. and Nobbac 1.4 on 5 Aug 2015 and then with Nobbac 1.4 on 9 Set 2016. The dog has a previous history of collapse in May 2016 and was referred and diagnosed with secondary liver failure. Bloods were taken prior to the recent booster and was reported to be no abnormalities. 12 Oct 2016 off colour over the weekend, head fow and drinking 4 litres a day and uninating more, very quiet, temperature 38.4 Celsius, tress soldhomen, AIP 232 for angest, Inclusivest off 3.4 for angest, Globulins 50 (25-45), Glucore 3.47mmol/ (3.8-7.9), White Bloods cells 31.9-16.7), Monocytes 6.8 (10.5-11.2), tumphorytes 6.9 (155) flowed feets 7 (10 roangle) to criter, Hamentonic 35.5% (37-61%), The dog was treated with Amoxyclav and Rimadyl. Nothing further is expected.	Labrador Retriever	22	Nobiwa C 4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (07/10/2016-07/10/2016)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXMSD-2016-UK-05131	United Kingdom	Animal	Canine/dog	2 Year(s)	08/10/2016	13/12/2016	1	1 0	08/10/2016	Yes, <c R><cbr> Not Known</cbr></c 	Abnormal Freathing Breathing difficulty, Decreased appetite, Lething (size also Central nervous system depression in 'Neurological') Alkalise, Off colour, Yomiting, Loose stool, Panting	Not Known	Sispected Adverse Reaction. On 8 Oct 2015, dog vaccinated with Nobius CHP and Nobius CLF. Fit and well at time of vocacination and not on the products given, to the same day, the dog presented to emergency practice as developed lethargy and difficulty breathing. On clinical examination the dog was all normal, no treatment was given and was seen thome. On 10 Oct 2016, reported from the owner that dog was not herself and painting and abnormal breathing, at the time the owner stated that the dog had been kenneled to days prior to avocation and had been coughing but did not mention at time of vaccination. On 14 Oct 2016, progress and clinical examination was normal lother than quieter than normal however owner eports slightly hose faces, woment between the than give the day apport in exported the dog paints and then seems to have more effort breathing. Blood tests were performed and no abnormalities were detected. Await further involgrations continued to the contraction of the contraction of the other performed and no abnormalities were detected. Await further information received. Case closed.	Staffordshire Bull Terrier	21	Nobbiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (08/10/2016- 08/10/2016)-688-88P-Nobivac L4 Suspension for Injection for Dogs - 1,N/A/M, 20,1 ml 1 Animal (08/10/2016-08/10/2016)-8R>-6RP-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05135	United Kingdom	Animal	Canine/dog	9 Month(s)	18/04/2016	01/11/2016	1	1 0	12/10/2016	Yes, <b< td=""><td>Death by euthanasia,Lack of</td><td>No Data</td><td>Suspected Lack of Expected Efficacy for Lepto Vaccinated with primary vaccine of Nobivac DHP and</td><td>Bichon Frise</td><td>5.3</td><td>Nobivac DHP - 1,N/A,N/A ,10,1 ml 1 Animal (18/04/2016-</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></b<>	Death by euthanasia,Lack of	No Data	Suspected Lack of Expected Efficacy for Lepto Vaccinated with primary vaccine of Nobivac DHP and	Bichon Frise	5.3	Nobivac DHP - 1,N/A,N/A ,10,1 ml 1 Animal (18/04/2016-	B - Possible	NCA agrees with MAH assessment
											R×BR≻Yes	efficacy		Nobbase Ld on 21 May 2016, second vaccine given on 18 Apr 2016. 12 Oct 2016 12 hour history of vomitting digested food, and then started to bring up water and bile also, known seveneyer, owner changed the food 1 week ago, owner has starved the dog. On examination mucous membranes tacky, temperature 37. Gebius, Cerenia given and Glistelyte. 13 CPL 2016 deteriorated and hardyn moved overright, passed small amount of small faces with frank blood, not eating or drinking, clinically depressed, mucous membranes jaunder, sight tender on a bottome palpation, sight shi nert, admitted for intra venous fluids and bloods. Urea 63 (17-38), Alt 172 (9-110), Cholesterol 15 (9-8-32), Ceatime 44 (9-10-50), Phesphorea 40, 70-21, 10 tall fillimate 176 (9-15), Total Protine 32 (33-78), Sodium reported low 128 (no ref range supplied), Calcium reported to be low 0.98 (no ref ranges), 30-3), Patalests 61 (180-53), White Blood colls 16 (6-64-6), Hearngloth 81, 61-61, 11, partspectory, 72 (10-75), heart rate 1800pm so given Amindigue; and 10-01 20016 visibly, jundice on sclera, skin and mucous membranes, living down and not wanting to get up, bood pressure 50 to given Amindigue; Album 22 (23-35), AR + 90.10 (190), Alt 726 (0-110), Amylase 168 (500-1500), Cholesterol 1.6 (23- 82), Ceratimice 42 (9-150), Phosphorea 91, 70-91 (1911), Amylase 168 (500-1500), Cholesterol 1.6 (23- 87.8), Sodium 125 (139-150), Potssalum 64 (34-49), Calcium 0.96 (113-14), Chloride 104 (106-177), Heemstock (1906), 93-903, Heamagloon 93 (112-17), Chloroca 82 (13-64), Christine 94 (44-113), 107-51, Leptois suspected. Await further results.			James (14/04/2015- 15/04/2016)-Bern-Bern-Boltwick Ld Supperation for Injection for Dogs - JA/KN/A/ A.J. James Jenimal (13/04/2016-13/04/2016)-BR>-BR>-		
NOBIVAC L4	GBR-MERCIONSD-2016-UK-05185	United Kingdom	Animal	Canine/dog	8.7 Year(s)	15/09/2016	18/01/2017	1	1 0	14/10/2016	Yes, *R>	Restlessness, Drinking a lot,Panting, Nasial discharge, Skin slough, Skin swelling, General pain (see other SOE for specific pain), Pain MOSLethargy (see also not on the see other SOE for specific pain), Pain MOSLethargy (see also not on the see of the see also not be seen as the see of the see o	Other	vomiting digested food, and then started to bring up water and bile also, known scavenger, owner changed the food I week ago, owner has starved the dog, nor examination mucous membranes tacky, temperature 37.6 Celsius, Cerenia given and Glatelyke. 13 Oct 2016 deteriorated and hardy moved overright, passed and almanut of small faces with frank lood, not eating or drinking, clinically depressed, mucous membranes jaundice, slight tender on abdomen papation, slight sish tent, admitted for intra venous halds and bloods. User 68 (17-88), At 172 (0-110), Cholesterol 5.2 (5-8-8.1), Creatinine 419 (0-150), Phosphorus 4 (0.7-2.1), Total Binuthon 176 (0-15), Total Protein 5.2 (5-78), Sodium reported to 12 (no er far ages), applied, Lickium reported to be low 0.9 for or far ages), and clustors reported to be high 6.5 (no ref arage), find blood Cells 5.2 (6-5.9), Haematocint 0.3 (0-37-6), Sodium exported blood 2.00, November 0.00, Sci. 5.6 (6-10), Benerogiolin 6.1 (2-11), hymphocratic 1.00, 1.0	Crossbred	20.35	18/04/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal	O1 - Inconclusive	Letharry and high temperature can be expected signs after vaccination and temporal association is close (24 hours). Concomitant medical conditions may be research, however succination cannot be excluded. as the size of vaccination with the vaccination with t

NOBIVAC L4	GBR-MERCKMSD-2016-UK-0524	Kingdom	Animal	Canine/dog	2 Year(s)	01/01/2016	21/10/2016	1 1	0 01/01/201	5 Not Known,
SBR>SBR>BR> Not Known</br 	node (localised)	Not Known	Supercted adverse reaction imitted information. Dog was vaccinated in Jan 2016 with Nobius L.4, it then developed inflat clinical gips of lamenses within a few weeks of vaccination. Then developed immune mediated hierarchic clinical gips of lamenses within a few weeks of vaccination. Then developed immune mediated hierarchic services are unknown how this was diagnosed or if it was confirmed. The dog was placed on reference in Predistoner the day was placed nor like unknown how this has been diagnosed of if it has been unwell with It. Open case, awalt more information follow up 27 Oct. 2016 - Vaccinated with Nobivac EHP, Nobivac Lt and Nobivac CHP on 14 and 2016. Second Nobivac Ltd. on 14 Ped 2016. Varying lamenses reported and of an 2016 bin 2016 uniform execut dates. 12 May 2016 radiographs were taken. 6 Jun 2016 intermittent lameness and suspected immune Mediated Polypathritis. 7 Jul 2016 diagnosed IMPs, however unknown how diagnosed. 31 Jul 2016 CT scan was carried out, fractured Manufulmun and lymph node enlargement and suspected due to infection. 20 Ct 2016 Pararcentist is carried out 2,000, unknown range. History states that Bravacco was dispensed 8 Jun 2015 and 7 Dec 2015, but unknown when given. Nothing further expected.	English Springer Spaniel	Not Known	3 Months Jahmal (01/01/2016- 01/01/2016)-BR-VBB-Neblava L d Sospension for Injection for Dogs- N/AN/AN/A N/AN/A (01/01/2016- 01/01/2016)-BR-VBR	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-0528	Kingdom	Animal	Canine/dog	1 Year(s)	07/12/2015	21/10/2016	1 1		R> Yes		No Data	Suspected Lack of Expected Efficacy for pano Vaccinated with Noblwac L6 on 9 Nov 2015, reported to be vaccinated with hereder (unknown if any other vaccines gewel? Dec 2015 second vaccine with Noblwac DHPR9 and Noblwac L6 20 Cet 2016 presented collapsed, pale, hyperthermic with bloody disurrhose. I had been vomiting. Pano Snap test was carried out and positive. The dog went down hill rapidly and was exthansaced a few hours of being presented, no post morten was carried out, dog was sent for cremation. Nothing further expected. Vet reported that full course was given correctly.	Pug		Nobivac DHPPL, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (07/12/2015- 07/12/2015-08R-SB>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (07/12/2015-07/12/2015)-BR>BR>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-0532	8 United Kingdom	Animal	Canine/dog	20 Week(s)	23/10/2016	24/10/2016	1 1	0 23/10/201	6 Yes, BR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>KBR>KB	Swelling around eye,Hives (see also 'Skin')	Other	Supercted Adverse Reaction. On 23 Oct 2016, dog was vascinated with Noblwac DiPi and Noblwac L1 front given at room temperature, EUL; Jr. and well the time and no other products given. It was reported that it had a small cyte to roop of the head at the same time as vaccination and has lost a bit of hair on the side of it face. Given isablem tous set a home. Reported 15 minutes after vaccination, the owner brought the dog back in as developed swollen around eyes and twee on top of the head. Given Prinor and Cohvarous about 30 minutes after. On 24 Oct 2015, it still give swelling around the form Prinor and Cohvarous about 30 minutes after. On 24 Oct 2015, it still give swelling around the form Prinor and Cohvarous about 30 minutes after. On 24 Oct 2015, it still give swelling around the form Prinor and Cohvarous about 30 minutes after. On 24 Oct 2015, it still give swelling around the form Prinor and Cohvarous about 30 minutes after. On 24 Oct 2015, it still give swelling around the form the control of the swelling around the form of the form of the swelling around the form of the swelling around the form of the swelling around the form of the swelling around form of the swelling around for the swelling around form of the swelling around form of the swelling around for the swelling	Miniature Dachshund	3.9	Nobivec DHP - 1,N/A,N/A,10,1 ml 1 Animal (23/10/2016- 23/10/2016-BRS-RBS-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (23/10/2016-23/10/2016)-BR>>BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4		Kingdom	Animal		18 Month(s)	13/03/2015	24/10/2016	1 1		6 Yes, <br R> Yes</br 		No Data	uspected Lick of Expected Efficacy Owner has a breeding establishment and had Parno outbreak- unknown exact details. The bitch in this case was vaccinated with Nobivac DHP and Nobivac L4 on 13 Mar 2015. Afterwards it has had 5 upplies, a have died already sudderly and 2 are alive with no clinical signs. 1 puppy was sent for post mortem and returned positive for Parvo virus on histological examination but not growth. Myocardist confirmed on post mortem. Bitch was also Parvo positive unknown test used. Nothing further expected.	Other Canine/dog	Not Known	Animal (13/03/2015- 13/03/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (13/03/2015-13/03/2015) 	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC LA	GBR-MERCKMSD-2016-UK-Q531	7 United Kingdom	Animal	Canine/dog	3.25 Year(s)	21/10/2016	31/10/2016	1 1	1 23/10/201	o Not Known	Gall bladder inflammation,Death by euthansia,Pain MSC, tethangy (see also Central nervous system depression in "Neurologica"),Elevated temperature, Blood in facete, Sathir, dilation, Abnormal posture Nikolico eating,Abnormal posture Nikolico eating,Abnormal obsture Nikolico eating,Abnormal arense abdomen,Elevated ALT,Elevated total billinabin,Increased borbonygmus,Hyperproteinaemia,Eevated playse,Elevated anylisos,Elevated cholesterol (total),Viontiling, Face al impaction,Abdominal pain,Lymphocytosis,Leucocytosis	/ Not Known	Daily presented to the QMM Emergency Critical Care service on 26/01/56 with a history of abdominal pani, diarnhose and worning, Daily was referred with suspected actie pancreating and active happitic righty. She presented to her referring vets for a 2nd L4 vaccination Friday 21/10/16, and found to be origin at well all 8 hours post vaccination. On Snady 21/10/16, she had become letherage, depressed in mentation and isappetant. Mrs Crawford reports that they took her to their primary care vets; Daily was found to be project, joinful on abdominal palaption and depressed in mentation. Daily was given signated the project of the part of the primary care vets; Daily was found to be project, joinful on abdominal palaption and depressed in mentation. Daily was given injectable meloxican and Choprenamine. Following discharge, she vometed in the car after earling a on Monday and has been hospitalised over the part 3 days, but y hospitalisation. Towards the part of the part	Crossbred	9.5	Noblact L4 Supervision for Injection for Orgs. 17/JA/N, 10.3 mt 1 Animal (27/10/2016)-8BP-4BP>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-0534	0 United Kingdom	Animal	Canine/dog	Not Known	22/08/2016	23/12/2016	1 1	0 24/10/201	6 Yes, Yes, Yes, Yes, 	Skin petechiae, Ecchymosis, Low platelet count, Mucosa petechiae	No Data	Sapected Aheres Reaction. On 22 Aug 2016, day successed with booster Notivor CHP, Noblacs KC, and Noblacs LC, and On 2016. I defend procedure was advised. On 6 Oct 2016. The defend was performed (unknown exact details) and on 10 Oct 2016, post on check was fine and day was signed off On 24 Oct 2016, posted by growner as onticed perfective on abdomen. On examination, petectize noted on guns and abdomen also exchymoses noted on abdomen. Admitted for blood testage and reatment (prograptified), On in-house blood senses stated P1 fooks refunced, on machine blood results, P1.1 8 (no ref range) WBC and PCV normal. Started oral Pretinsionione and hospitalised overnight. On 25 Oct 2016, peterbile and lipresent on abdomen as are exchymoses and suspected of MIPT. The day was continued to be hospitalised. Await further information. On 23 Dec 2016 - No	Toy Poodle	4.85	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (22/08/2016- 22/08/2016-88P-8BP-Nobivac KC - 4,N/A,N/A, 1,0,0,4 ml 1 Animal (22/08/2016)-8BP-SBP-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,ml 1 Animal (22/08/2016-22/08/2016)-8BP-SBP-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-0534	3 United Kingdom	Animal	Canine/dog	6 Month(s)	06/07/2016	25/10/2016	1 1	0 18/10/201	6 Yes, cBR>cBR>cBR>eR R>cBR>eR>Yes, cBR>cBR>bR BR>bR>bR Known, cBR>bR >cBR>cBR>cBR> Yes	Lack of efficacy	Not Known	Superted Lask of Expected Efficacy for parvo 0n 5 Jun 2016, dog vaccinated with Parvo C and Nobbac LO 0n 22 Jun 2016, vaccinated at 10th Parvo C and Nobbac LO 0n 22 Jun 2016, vaccinated at 10th Parvo C 10th Parvo Afford Mobbac KC. On 5 Jul 2016, dog vaccinated with second Nobbac LO 11 2016, doubt Parvo Afford Mobbac Parvo C 11 2016, doubt Parvo P	Labrador Retriever	24.7	Nobiac DIP - J.N/AN/A , 10,1 ml 1 Animal (22)06/2016- 2016/2016-2016-2016-2016-2016-2016-2016-2016-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-0534	4 United Kingdom	Animal	Canine/dog	2 Year(s)	24/10/2016	25/10/2016	1 1	0 24/10/201	6 Yes, <6 R> Yes	Pale mucous membrane,Anaphylaxis,Ataxia,Snee zing,Swollen face (see also 'Skin'),Weak pulse	No Data	Saspected Adverse Reaction. On 24 Oct 2016, day succinated with Noblace DNPP and Noblace LL-Fit and well at time of Vaccination and no other products given. The dog was brought back 10 mins port vaccination as started sneezing, alaxic, pale murcous membranes and weak public. Given decamethssone and intravenous fluid therapy and was sent home. Reported as soon as the dog was home, his face swelded and presented algain with chlorphorunnie intravenously and kept in overnight in practice. On 25 Oct 2016, all clinical signs resolved and dog was sent home. No further information expected.	Pug	10	Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,1M,/M, 1,0,1 ml 1 Animal (24/10/2016-24/10/2016)-BR>-BR>-BR>-BNObivac L4 Suspension for injection for Dogs-1,1M/A,M/A, 1,0,1 ml 1 Animal (24/10/2016-24/10/2016)-BR>-BR>	B - Possible	NCA agrees with MAH assessment

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NOBIVAC L4	GBR-MERCKMSD-2016-UK-05365	United Kingdom	Animal	Canine/dog	2.1 Month(s)	25/10/2016	24/11/2016	1 1	0 25/10/2	R> Yes	pain,Tachycardia,Heart murmur	No Data	Suspected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L4 on 25 Oct 2016. The vaccine was given on the right side thoracts. Re examined late the same day with ownerse over throat, heart rate 156bpm, Grade II heart murmur, not present at vaccination. 26 Oct 2016 Heart rate is 156bpm, heart murmur is now a grade III, eaten and drunk overnight. The puppy is being sent to a cardiologist. Await further information. Follow up 24 Nov 2016 - Puppy has been taken to another Practice and no further information is available.	Toy Poodle		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (25/10/2016- 25/10/2016/BR->BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (25/10/2016-25/10/2016) >BR>		NCA agrees with MAH assessment
	GBR-MERCIMISD-2016-UK-05367	United Kingdom	Animal	Canine/dog	5 Year(s)	18/10/2016	04/01/2017	1 1	0 19/10/2	R×BR>dR>Yei	ahonomality, Elevated bile addis, Elevated ceratine, kinase (CK), Monocytosis, Rubbing, Aggressi on, Head tilt: —a disorder, Fixed pupil, Knuckline, Innoceased intracranial pressure, Seizure NOS, Falling, Anisocoria, Lethargy (see also Central nervous system depression in "Neurological"). Localised pain NOS (see other "SOCs" for specific pain), Weight IsoS, Chattering of teeth, Foaming at the mouth, Abornami pupil light reflex, Spepressed ocular reflex, Third eyeld protrusion/Proprioception delicit, Train disorder NOS, Dilated pupils, Merall Rost, Proprioception decreased, incoordination, Phypoglycaema	No Data	Suspected Adverse Reaction. Vaccinated with hobbys. DHP and Nobbac L to n 18 Oct 2016. The dog was seen not 19 Oct 2016 as had a setum. The dog is generally every stressed. Offered treatment but owner has financial constraints. Unknown dates but the owner has reported that the dog has had 2 fit owner has financial constraints. Unknown dates but the owner has reported that the dog has had 2 fit owner has financial constraints. Unknown No further investigations can be carried out. Follow up 31 Oct 2016. The carried that the dog has had 2 fit owner, exact details unknown. No further investigations can be carried out. Follow up 31 Oct 2016. The carried that the carried of the carried that the carried out of the carried of the carried out of the carried of the carried out of the carried out of the carried out of the carried of the carried out	Staffordshire Bull Terrier 6		Nobbac DHP - 1.M/AN/A.J.0.1 ml 1 Animal (18/10/2016). 18/10/2016;4RR-4BR-Mobbac L4 Suspension for Injection for Dogs 1.M/A.J.0.1 ml 1.Animal (18/10/2016-18/10/2016)-4BR-4BR-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05373	United Kingdom	Animal	Canine/dog	8.5 Week(s)	21/10/2016	26/10/2016	1 1	1 26/10/2	I16 Yes, <f< td=""><td>Vomiting,Death,Lethargy (see also Central nervous system depression in 'Neurological')</td><td>No Data</td><td>Suspected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L1 on 21 Oct 2016. Breeder reported that the dog started to vomit on 26 Oct 2016 and had become very limp and passed away. Reported that the puppy was well and fine 24 hours prior the vaccine. No post mortern has been carried out. Nothing further available.</td><td>Chihuahua</td><td>0.5</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (21/10/2016- 21/10/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (21/10/2016-21/10/2016)-BR> </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment</td></f<>	Vomiting,Death,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Suspected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L1 on 21 Oct 2016. Breeder reported that the dog started to vomit on 26 Oct 2016 and had become very limp and passed away. Reported that the puppy was well and fine 24 hours prior the vaccine. No post mortern has been carried out. Nothing further available.	Chihuahua	0.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (21/10/2016- 21/10/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (21/10/2016-21/10/2016)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05413	United Kingdom	Animal	Canine/dog	11 Year(s)	11/10/2016	23/12/2016	1 1	0 21/10/2	NIG Yes, R> R> R> R> R> R> R> RP> BR> BR> RP>Not Known	Abnormal test result_injection site abscess.injection site swelling.Skin slough.Not eating	Not Known	superted Adverse Reaction Vaccinated with Nobbuc L1 and Nobbuc DIP on 11 Oct 2015. The dog is a diabetic and no SIU twice daily. Owner perported at the time of the vaccine that the dogs six was thin and the dog was tried, Bloods were carried out and reported to be normal. 21 Oct 2015 ewelling over dogs shoulders and reported to be increasing. Diomic apprinted from hump, thick pussy fluid. Intravenous, Augmentin was given and Noroclav. Swabs were taken and returned with a profuse growth of Strep can's 24 Oct 2015 ewelling has bust open and dog nove not estimate, admitted for intravenous fluids, antibiotics and vetergeise. Billisteral sloughing over thorax, 1 side is worse than the other and having the wounds handaged daily. Sin sees were fragile and condicioning a referral to only take specialist. Diabetes is under control. Owner reported that the vial of Caninculun the dog is currently on, has been since the vaccination. The lump is also at the same site of where the Caninculin is administered. Await further information. Follow up 23 Dec 2015 - Nothing further expected, doze	Miniature Schnauzer	7.8	Carinsulin 40 III/Ind Suppension for Injection - 6.1,12 Hours, 19,6 IU 12 Hours 1 Animal (11/10/2016- N/A)-RB-CRB-Noblwac DHP - 1,1/A/A/A, 1.0,1 ml 1 Animal (11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016- 11/10/2016	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05429	United Kingdom	Animal	Canine/dog	12 Year(s)	25/10/2016	04/11/2016	1 1	0 30/10/2	116 Not Known	Injection site abscess,Injection site bleeding,Injection site swelling	Not Known	Suspected adverse reaction Naccinated on 35 Oct 2016 with Nobinac L4, nothing site was given at the same timely unknown if given at room temperature] Then seen on 30 Oct 2016 out of hours with a har swelling in the scapular region. 31 Oct 2016 the swelling has burst open it is about 15 cm in size, a lot to bloody flidt has discharged from the open lump, they have taken a swib and placed the dog on intravenous fluids and co amonyclaw and metacam, open case awalf further details follow up 4 Nov 2016 - Culture negative, and blotics were started 24 hours prior to swabbing. Nothing further expected	Border Collie d f	18.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml (25/10/2016-25/10/2016) 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-05432	United Kingdom	Animal			21/10/2016	31/10/2016	1 1		I16 No, <e R> <ps< td=""><td>system depression in 'Neurological'),Reluctant to move,Off colour,Stiffness limb</td><td>Other</td><td>Suspected Adverse Reaction. On 21 Oct 2016, day vaccinated with Noblace L4 front given at room temperature/jets.n. table) and Noblace /if, fill and well at time of vaccination. On 20 Act 2016, dog developed lethargy, quiet and reluctant to go for a walk and struggled to get up. On 25 Oct 2016, presented lethargic and quiet and was admitted for intravenous fluid therapy and then tradiferred to the emergency partice overnight. On 27 Oct 2016, field and improved but a lite stiff on hind legs and was discharged. On 28 Oct 2016, fully resolved and no other problems stated. No further information expecting.</td><td>Golden Retriever</td><td></td><td>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (21/10/2016- 21/10/2016)<8R><8R>Nobivac Pi - 1,N/A,N/A,1,0,1 ml 1 Animal (21/10/2016-21/10/2016)<8R><8R></td><td>B - Possible</td><td>Off colour, lethargy and reluctant to move are known to occur after uscination. Time assortation is compatible with product involvement.</td></ps<></e 	system depression in 'Neurological'),Reluctant to move,Off colour,Stiffness limb	Other	Suspected Adverse Reaction. On 21 Oct 2016, day vaccinated with Noblace L4 front given at room temperature/jets.n. table) and Noblace /if, fill and well at time of vaccination. On 20 Act 2016, dog developed lethargy, quiet and reluctant to go for a walk and struggled to get up. On 25 Oct 2016, presented lethargic and quiet and was admitted for intravenous fluid therapy and then tradiferred to the emergency partice overnight. On 27 Oct 2016, field and improved but a lite stiff on hind legs and was discharged. On 28 Oct 2016, fully resolved and no other problems stated. No further information expecting.	Golden Retriever		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (21/10/2016- 21/10/2016)<8R><8R>Nobivac Pi - 1,N/A,N/A,1,0,1 ml 1 Animal (21/10/2016-21/10/2016)<8R><8R>	B - Possible	Off colour, lethargy and reluctant to move are known to occur after uscination. Time assortation is compatible with product involvement.
	GBR-MERCIMISD-2016-UK-05442	United Kingdom	Animal		12 Year(s)	28/09/2016	31/10/2016	1 1		116 Yes,¢Ra>eR>eR R>BR>eR>No Known	Decreased haemoglobin, Decreased packed cell volume (PCV)Abnormal red Blood cell.Increased heart rate, Anaemia NoS,Elevated SAP,Elevated ALT,Elevated BLIN,Abdominal discomfort.Dry mucous membrane, Inappetence, Diarrhoea, Pale mucous membrane, Heart murmur	Not I Known	Suspected Alverse Reaction. On 28 Sep 2016, day accinated with Noblace DNP and Nobbac LL On 1 COL 2016, day Beare inappear that here resolved on 40 Ct 2016. On 10 20 Ct 2016, presented with a heart rate of 160bpm, a grade 2/5 heart murmur and mucous membranes pale and tacky. Adomen was tender but no rapinful and destall disease was evident. Given a bland del, Vitimin B, Climit La and Cerenia injection as well as appetite stimulant. On 11 Oct 2016, presented and admitted as not eating, asim curvous membranes, HR 150bpm and PC V188 (15-57). Abodo stnear was performed showing anisocytosis and given intravenous fluid therapy. PCV 18rc was 156 (15-57), RBC 1.72 (15-5.5.5). Hetenoglobin 2, 17 L2-18 and then discharged from hospital. On 12 Ct 2016, PCV 216 (15-57), and continued medicines. On 14 Oct 2016, PCV 206 (15-57), and continued medicines. On 14 Oct 2016, PCV 2076 (15-57), and continued medicines. On 14 Oct 2016, PCV 2076 (15-57), and continued medicines. On 14 Oct 2016, PCV 2076 (15-57), and continued medicines. On 14 Oct 2016, PCV 2076 (15-57), and continued medicines. On 14 Oct 2016, PCV 2076 (15-57), and continued on memprazole and discharged with not preferentions. One 11 Oct 2016, PCV 2076 (15-77), and post of the p	Toy Poodle	3.6	Nobbac 0HP - 1.N/AN/A.0.1 ml 1 Animal (28/09/216-16). Polivac L4 Suspension for injection for Dogs - 1,N/A.N/A.10.1 ml 1.Animal (28/09/2016-28/09/2016) SR>>BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-03457	United Kingdom	Animal	Canine/dog	12 Week(s)	06/10/2016	01/11/2016	1 1	0 17/10/2	116 Yes, <r< td=""><td>Lack of efficacy</td><td>Not Known</td><td>Sapected Lack of Expected Efficacy for Lepto On S. Oct 2016, dog vaccinated with Nebbasc DHPPiant Nobbasc L1 Unition mil any other products given. On 16 Oct 2016, watery distinctee. On 17 Oct 2016, bloody worm, lethange, not eating and drinking. Presented and on examination, underweight, joundee and poor condition. Amitted for intravenous fluid therapy. Transect, Metroindiscole, Canikur, Ceremis, Paracur and Zantac. Blood tests performed: Unea 27 x (8.1-10.1), Crea 1812. 2 (20-144), GGT 37 (2.5-10.6), Albomin 24 1. (E.G. 3-18.2), Total Fluid into 19.1, Total Billurion for 10.1-42, Cacitum 2.87 (2.3-2.84), RBC 4.68 (5.3-3.8.7), Hearmoglobia 10.7 (13.4-30.7), HCT 0.296 (6.3-33-0.56), Meurophis 15.27 (2.9-14.67), Evrophis 10.7 (13.4-10.7), HCT 0.296 (6.3-33-0.56), Meurophis 15.27 (2.9-14.67), Hornovier to 87 (10.6-4.9), Monocytes 1.21 (13.1-15), Eximplific Ox.00 (6.07-1.49) and platetest 9 (14.3-484), On 18 GOZ 2016, reported results from PCR is positive for Leptosprosis angeline to service in Heart Hornovier that That s rats in the garden and the dog has been playing within that environment. No further information expected.</td><td>Labrador Retriever d</td><td>3</td><td>Nobisuc DHPRI, lyophilisate and solvent for suspension for injection for object 10/14/10, 101 mil 1 Animal (b6/10/2016-06/10/2016-06/10/2016-08/10-08/</td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></r<>	Lack of efficacy	Not Known	Sapected Lack of Expected Efficacy for Lepto On S. Oct 2016, dog vaccinated with Nebbasc DHPPiant Nobbasc L1 Unition mil any other products given. On 16 Oct 2016, watery distinctee. On 17 Oct 2016, bloody worm, lethange, not eating and drinking. Presented and on examination, underweight, joundee and poor condition. Amitted for intravenous fluid therapy. Transect, Metroindiscole, Canikur, Ceremis, Paracur and Zantac. Blood tests performed: Unea 27 x (8.1-10.1), Crea 1812. 2 (20-144), GGT 37 (2.5-10.6), Albomin 24 1. (E.G. 3-18.2), Total Fluid into 19.1, Total Billurion for 10.1-42, Cacitum 2.87 (2.3-2.84), RBC 4.68 (5.3-3.8.7), Hearmoglobia 10.7 (13.4-30.7), HCT 0.296 (6.3-33-0.56), Meurophis 15.27 (2.9-14.67), Evrophis 10.7 (13.4-10.7), HCT 0.296 (6.3-33-0.56), Meurophis 15.27 (2.9-14.67), Hornovier to 87 (10.6-4.9), Monocytes 1.21 (13.1-15), Eximplific Ox.00 (6.07-1.49) and platetest 9 (14.3-484), On 18 GOZ 2016, reported results from PCR is positive for Leptosprosis angeline to service in Heart Hornovier that That s rats in the garden and the dog has been playing within that environment. No further information expected.	Labrador Retriever d	3	Nobisuc DHPRI, lyophilisate and solvent for suspension for injection for object 10/14/10, 101 mil 1 Animal (b6/10/2016-06/10/2016-06/10/2016-08/10-08/	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4		United Kingdom	Animal	Canine/dog	16 Week(s)	25/10/2016	07/11/2016	1 :		016 Yes, R> Yes, Yes Yes BR> Yes Yes	s, percalcaemia, Nephritis, Not cating, Flexibed to the billing through the cating, Flexibed Bulk, Elevated to the billinubin, Elevated SAP, Elevated creatine-kinase (CK)	ı	Suspected Adverse Reaction. On 25 Oct 2016, fog vaccinated with Noblace DNP and Nobbac L4. Fit and well at time of oxicination and faction was applied at the same time. On 27 Cot 2016, fog developed vomiting and continued to vomit. On 30 Oct 2016, presented still vomiting and now jaundeced. Admitted for intravenous fluid therapy and autrosuroum which found diffuse heaptopstay and nephrits. Blood tests performed: ALP 556 (0-106), Total Billiubih 205 (0-15), Urea 2.5 (1.7-9.8). CK 555 (10-20) and calcium 2.87 (1.9-2.78), On 1 Nov 2015, Sill on intravenous fluid therapy and varies of the control of the	Crossbred	8.1	Solution for Medium Dogs - 1,N/AN/A 24,1 Dose 1 Animal (25/10/2016)-RR>-RB>Nobivac DHP- 1,N/AN/A 1,0,1 ml 1 Animal (25/10/2016)-RB>-RB>Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A 1,01 ml 1 Animal (25/10/2016)-RB>-RB>Nobivac L4 Suspension for Sogs - 1,N/AN/A 1,01 ml 1 Animal (25/10/2016)-RB>-RB>-RB>	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-05470	United Kingdom	Animal	Canine/dog	5 Year(s)	23/03/2015	01/11/2016	1 1		015 Yes	Seizure NOS	No Data	Suspected Adverse Reaction Vaccinated with NobiNuc L 4 on 23 Mar 2015. The dog had a seture in Sep 2015 and given Pexion. The dog continued to seiture and was started on Phenobarh and KBR but also had no effect. The dog was having 3 seitures a week and when the medication was stopped, the setures stopped. (The dog was revaccinated with NobiNuc L 4 on 5 Sept 2016 and the same signs occurred-see infect aeaz 1016-IU-6973) Nothing further expected.		29	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (23/03/2015- 23/03/2015) 	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCXMSD-2016-UK-05471	United Kingdom	Animal	Canine/dog	8 Year(s)	24/10/2016	08/11/2016	1 1		016 No	Comeal ulcer,Not eating,Proprioception abnormality,Off colour,Reluctant to move,Death by euthanasia,Gait abnormality,Lameness,Atasia,Hem paresis (weakness L or R side)	Other	Suspected Adverse Reaction. On 24 Oct 2016, fog vaccinated with Noblace L4 (not glyen at room temperature[lext ables]. Pt and well at time of vaccination. Pre-esisting grade - Pheart mrumar but not on medication for this. On 27 Oct 2016, presented with lameness, odd galt, ataxia and reductant to move. It is reported the right side is affected. Blood tests performed and no abnormalities detected. Given Predixisolone. On 1 Nov 2016, presented now being off food and off colour. On examination showed deletyed proprioception and started Galapaentin and dog is going for further investigations as being referred. Await further information. Follow up 8 Nov 2016 - the dog developed a conneal uter that became desimentacie. Owner was offered to enruleate or refer but the owner opted to have the dog euthanased. No post mortem was carried out.	Shih Tzu	8.9	Nobiva L4 Suspension for Injection for Togs-1.N/A/N, 1.0,1 ml 1 Animal (24/10/2016-24/10/2016)-BR×BR>	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05472	United Kingdom	Animal	Canine/dog	5 Year(s)	05/09/2016	01/11/2016	1 1	0 31/10/	016 Yes	Seizure NOS,Dry eye	No Data	Suspected Adverse Reaction Vaccinated with Nobivac L4 on 5 Sept 2016. The dog was vaccinated with Nobivac L4 previously, 23 Mar 2015, and started to have seizure in Sept 2015, started on medication with no effect and when the medication stopped the clinical signs stopped. Re seen 31 Oct 2016 as had 2 seizures post vaccine and then none further. Also suspected dry eye. Nothing further expected.	Bulldog	29	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (05/09/2016- 05/09/2016) 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4		United Kingdom	Animal		10 Year(s)	31/10/2016		1		R×BR×BR>Yı	be uthanasia, Lethargy (see also did Central nervous system depression is in Neurological/Jachomania posturi NOS, Jaboured breathing Not eating, Elevated liver enzymes, Elevated ALT, Elevated bliackds, Elevated AAT, Abdominal mass, Sleepiness - systemic disorder	ž	Sapected Afverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L4 on 31 Cxt 2016 at 20m. Cartrophen was given at the same time-authonour reason. 40m the dog presented a floopy, not lifting head, breathing laboured and the dog was placed on intravenous fluids and oxygen therapy and admitted. Deaderies on a Pritron were given. The dog vormitted and had some dismined. 1 No voice Shrighter and eaten a small amount. No further vorniting and darnhoea. No thinking further expected. Follow up 7 No voice30—when the dog was sent home it stopped eating. Bloods were carried out elevated liver enzymes and ultrasound revealed a splenic mass and the dog was euthanised on 4 Nov 2016. Nothing further expected. Follow up 8 De v. 2016. Nothing further expected much, not eating very much and very lethargic, only managing to go in the garden and sleeps, Slightly hunched on examination, her feels enlarged and firm, query a mass. 4 Nov 2016 parting again, soft mass on mid caudal ventral portion of the abdomen, bloods show AT 325 (19-124), ALVS 297 (130), ATS 19 (19-5), Bit AGG/51 (13-1), Sutrosound showed enlarge spleen with an asso towards tall, ununiform structure and extending towards caudal ventral middine. Offered splenectomy, owner opted for eurhanssits.	Bedlington Terrier		for Injection for Dogs. *NAN/AN/A 2-Al/inforous Unitroven (13.1/02.015; 31/10/2015; BR->BR->Nobivac DHP- 13/NA/A 1.0,1 ml 1 Animal 13/1/a/2015 31/1/a/2015; BR->BR->Nobivac L4 Suppersion for Injection for Dogs- 1,N/AN/A 1.0,1 ml 1 Animal (31/10/2016-31/10/2016)*BR->BR->	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-05476	United Kingdom	Animal	Canine/dog		26/10/2016		1 1		R> Yı	'Neurological'),Off colour,Abnorma posture,Restlessness,Vomiting	l No Data	Suspected adverse reaction Vaccinated on 36 Oct 2016 with Nobivac DIPPT and L4 (given at room temperature) also had floravect and Millomax disperaced but not given. (Linknown whenfif given) had quiet and off colour after the vaccine. Seemed unwell and crouching and to be in pain on 29 and 30 Oct 2016. Was not wanting to sit down and then started vormitie, Seen on 31 Cut with a temperature of 35C. Was admitted and given intravenous fluids and antibiotics. Bloods were taken and blochemistry and hematology were all normal. Canine Pancreatitis test was also normal. Dog is brighter. No more information expected	Spaniel		Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A,10,1 ml (26/10/2016-8R>-8R>Nobivac L4 Suspension for injection for Dogs-1,N/A,N/A,10,1 ml (26/10/2016-26/10/2016-8R>-8R>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05499	United Kingdom	Animal	Canine/dog	9 Year(s)	19/10/2016	02/11/2016	1 :	0 19/10/	016 No,c8R×c8R× R×BR×cBr» «BR×GR×GR BR×BR×R	o, also 'Cardio-vascular' and 'Systemi	Other	Suspected Adverse Reaction The dog was diagnosed with a high grade Lymphoma on 8 Sept 2016 and in on chemotherapy treatment. Doxycycline was given I week prior to vaccine. Xencinated with Nobbac DIP, Nobbac KC and Nobbac I.4 on 19 Cot 2016 Estar Label use, animal not healthy at the time of vaccination/Concurrent treatment with doxy (relevant for Nobbac KC) Bloods at the time of vaccination/Concurrent treatment with doxy (relevant for Nobbac KC) Bloods at the time of vaccination (Schorich Park) and the Sentime Vaccination (Schorich Park) and the Sentime Vaccination (Schorich Park) and the dog west staken back to the surgery and was fine on examination. Dispersed Diszepam rectal for use if occurred again. 22 cot 2016 Bibazpam used as the dog had a seiture. 25 Cot 2016 presented at the Vets, had further sentures on 21 Oct 2016 and 24 Oct 2016. Reported to be brief, partial seitures. White Blood Calls 6, 19 April 2016 and 24 Oct 2016. Reported to be brief, partial seitures. White Blood Calls 6, 6 in 7), the Call 2016 active science the previous day. Peotion and Disappm tablets given. Increase in frequency of short collapse psicode and whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior and whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whorking, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whorking (11 oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whitching 11 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Calls 6, 6 in 7), the day had 3 more collapse prior dend whitching, 31 Oct 2016 Alt 110 (cs.) White Blood Call	s Pug	6.75	Nobiac DIP - 1,N/A/N/, 10,1 nl 1 Animal (19/10/2015). Ren-Seb-Nobiac KC - 4,N/AN/A, 10,0 nl 1 Animal (19/10/2016). Ren-Seb-Nobiac KC - 4,N/AN/A, 10,0 nl 1 Animal (19/10/2016). Ren-Seb-Nobiac L4 Supersion for Injection for Dega- 1,N/A/N/A, 11 1 Animal (19/10/2016). Ren-Seb-Nobiac L4 Supersion for Injection for Dega- 1,N/A/N/A, 10,1 nl 2 Animal (19/10/2016). Ren-Seb-Nobiac L4	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCHMSD-2016-UK-05510	United Kingdom	Animal	Canine/dog	5 Year(s)	09/04/2015	02/11/2016	1	1 09/04/	015 Yes, eR> N 	Diarrhoes Jomiting Hepatic to crimosis, Death or to crimosis, Death ye euthmasia Weight loss, Anonmal stool colouration, Elevated Alt Elevated gamma-glutamyl transferase (GGT)	Not Known	Sapert Adverse Reaction. Dog had an adverse event after Noblace DTP and Noblace. Lt and then late that year the day as yelene Raisvect and continued to have further adverse reactions that resulted in euchaniasis. See linked case: DSE-UF-OSSIS. On 12 Nat 7015, dog vaccinated with Noblace UP and Noblace Lt. On 9.4 or 2015, dog vaccinated with Second Second of Noblace Lt. and at this examination the dog had distribute but attend to have been eating her puspies, pool unknown details of when dog was pregnant and when the liter was lown. On 12.4 Nat 7015, Cerelia was given for constituting life or days registed and when the liter was lown. On 12.4 Nat 7015, weight to sea and has continued to regurgitate to load and producing wellow fraces. On Blood tests showed elevated Al.1 and GCT (unknown values or decrease ranges) and reported ALPP was nomal. On 3 Jun 2015, live and bladder was valued and the second of the control of the Con	r Collie Rough	Not Known	Nobina C IPP - 1,1/A,N/A,10,1 m1 A niminal 12/(39/2015). 12/01/2015-(8R-×8B-Velobina). 12/01/2015-(8R-×8B-Velobina). 13/A,04/A,10,1 m1 Animal (09/A4/2015-09/04/2015)-68R-×8R->	OI - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05533	United Kingdom	Animal	Canine/dog	13 Week(s)	26/10/2016	10/11/2016	1 1	1 26/10/	016 Yes, BR> R> BR>Yı		No Data	Supperted adverse reaction Vaccinated on Nobleac DHP and L4, nothing else given at the same time. Then vaccinated on 12 Ctd 2016 with Nobleac DHP. Then on 26 Ctd 2016 with Nobleac L4. Owner called the practice on 3 Not to Inform them the puppy has not been right since the 26 Ctd, has been sleeping more and playing less. Though has been earling and finking and had no vomitting of darthoea. They planned to lake it to the vets on 3 Nov bit it deld that morning. Puppy has been sent for a post mortem, open case want lessists. Follow up 10 Nov 2016: Post mortem received chroms active supportate myocardist Relation. Follow up 10 Nov 2016: Post mortem received chroms active supportate myocardist Relation.	Border Terrier	4.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (12/10/2016- 12/10/2016-BRS~BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (26/10/2016- 26/10/2016)~BR>~BR>	N - Unlikely	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-05544	United Kingdom	Animal	Canine/dog	6 Month(s)	11/07/2016	03/01/2017	1 1	0 22/10/2	016 Yes, < R> >BR>NO	B Lack of efficacy	Not	Suspected Lack of Expected Efficacy for Lepto On 16 Jun 2016, dog vaccinated with first Nobivac DHP and Nobivac L4 and was done at a different practice from the reporting practice. On 11 Jul 2016, dog	Labrador	20	Nobivac DHP - 1,N/A,N/A ,10,1 ml 1 Animal (11/07/2016-	N - Unlikely	NCA agrees with the MAH assessment.
							a subsection of the subsection			Known			presented for second dose of Noblava CIPP and Noblava L1, fit and well and no other treatments given at the same time. One 20 CQ 2016, presented with leftangs, one around pelic region, temperature 38 of and given Medica. 38 of and given Leftang L1 and L1			11/07/2015;eBR-Noblowa L4 Supension for Injection for Dogs - 1.N/A.N/A J0.1 ml 1 Animal (11/07/2016-11/07/2016)-BR>-BR>-		
	GBR-MERCIMISD-2016-UK-05555	United Kingdom	Animal			02/11/2016	13/12/2016	1 1	0 02/11/2	R> Ye	cholesterol (total), Dehydration, Weight loss, Pyrexia, Injection site swelling, Injection site swelling, Injection site spain, Vornittig, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Supereted adverse reaction Dog was rescued from Spain, Unknown when it came into the country. Vaccinated on 2 Nov 2016 with Noblow ChiP and ut (filts was a first vaccine) at Levit that day the pupp became lethange. Was seen in practice had a temperature of 39.5. Also had a painful swelling at the injection site, the pupp year had nowled not see to they gave it Randition. 3 Nov 2016 owner called that night the puppy was brighter initially but had become lethangic again and vomited that afternoon. 4 Nos seen, puppy had so oth 52 kg in weight was previously 5.2 kg, was dehytrated and still vomiting. Was admitted and placed on intravenous fluids. Bloods taken show Phos raised (value and ref range unknown) Cholesterol is just over the normal range (value and ref range unknown) ALKP raised value and ref range unknown) Creat 22 (low, ref range unknown) Liver 3.3 (low, ref range unknown) White blood cells are within normal level. The puppy was sent home on Randition on 5 Nov 2016. It has not been seen since. No more information expected. Follow up 13 Dec 2016 – puppy reported to have fully recovered on an unknown date. Nothing further expected Suppected Lack of Expected Efficacy for Lepto Vaccinated with Noblwac DHP and Noblova L4 with	Crossbred s	4.7	Nobbusc DHP - 1,N/A,N/A, 1,0,1 ml (02/11/2016	B - Possible	NCA agrees with MAH assessment NCA agrees with the MAH assessment.
		United	Animai	Canine/dog	9 Year(s)	14/12/2015		1	0 22/09/2	R>-GR->GR->GR->GR->GR->GR->GR->GR->GR->G		Known	primary vaccines on 7 Nov 2013, second vaccines with the Noblova Li was given on 6 Dec 2013. Noblova Li boxetive was given on 28 Nov 2014 and a boxetive with Noblova CHe and Noblova. Li on 14 Dec 2015. Noblova CK was given on 27 Sept 2016. At the time of this vaccine the owner reported a stacky weight loss. 25 Sept 2016 owner reported urine being gassed unaware in the house, urinates more frequently, Further weight loss and started a course of Nisamox. Bloods were carried out. ALT 560 (19.8-124), ALP 205 (1-130). Chebsert of a 4.21 a.5-4, plate lest 106 (14.3-44) 3 of the 2014 (19.8-14) and Li on 14.3 bit lest of 16.4 a.5 bit lest of 16.4 bit les	Engus Springer Spaniel	1/.8	Animal (14/12/2015- 14/12/2015-18-Re-BN-oblivac KC - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.		
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05598	United Kingdom	Animal	Canine/dog	6 Year(s)	12/09/2016	08/02/2017	1 1	0 03/10/2	916 Yes, R> No	B Thrombocytopenia, Lethargy (see also Central nervous system depression in 'Neurological'), Immune mediated haemolytic anaemia, Discoloured urine, Decreased packed cell volume (PCV)	Other	Supercted Adverse Reaction. On 12 Sep 2016, dog vaccinated with hobbasc DHP and Nobinac L6 Inct given at mon temperature) lectra label lose, if had well at 11 me of vaccination and no other products given. On 3 Oct 2016, presented tethargic, discoloured urine, PCV 13% (55-57), A Coombis test performed that showed posithe for harmoplic samenia. Given ADQGS, Petrolonion, Plavk and Omegrazole. On 7 Nov 2016, reported doing well and PCV 32% (55-57). No further information expected. Follow up 8 Feb 2017 - 5 Dec 2016 FeV 48%, doing very well and continues on Prediction and ADQGs. 4 Jan 2017 RBC 5.38 (no range, but reported to be low) 6 Feb 2017 PCV 37%. Nothing further expected.	Shih Tzu	8.95	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (12/09/2016- 12/09/2016-(SHR- Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (12/09/2016-12/09/2016)	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIMISD-2016-UK-05630	United Kingdom	Animal	Canine/dog	12 Week(s)	08/11/2016	24/11/2016	1 1	1 08/11/2	Known, <bi > <br< br=""><r< br=""><r> <r< br=""><r> <gr><gr< gr=""><r><gr< gr=""><arbonia< p=""></arbonia<></gr<></r></gr<></gr></r></r<></r></r<></br<></bi 	enlargement.hypertension,Pulmon B ty oedems.Panting	Not Known	Supereted adverse reaction Vaccinated on 11 Oct 2016 with Nobiac DIPP and L4, then had Nobiac DIPP on 25 Oct 2016 with on poolmen. Vaccinated on 8 Nov 2016 with a second Nobiac L4 and a Nobiac Ct. The puppy was wrigining through the vaccination and had to be restrained. The puppy actimed down bit was parting a lot. Without 20 23 minutes of having the vaccine the puppy had a respiratory rate of 88/min. This did not settle. They admitted for observation and placed it on owagen, they did a conscious x my 14 had pulmonary oedema. They sent the X ray to a referral vet, they advice to keep no novgen and monitor. The puppy dead on 9 Nov 2016 and has been sent for post mortern. Initial post mortern results are urremarkable awalt histology results. Open case Toollow up 24 Nov 2016—Final post mortern indicates diffuse alveolar damage causes hypoxemia that is refractory to owgens supplementation and causes for a ten elgon. Infections causes like respristly visues or non-infectious causes like resistancy visues or non-infectious causes like respiratory visues or non-infectious and acuse hypersensitivity visues or non-infectious and acuse hypersensitivity visues from the maintenance and the acute respiratory distress points toward an acute hypersensitivity visues from the mid right-sided cardiac dilation is likely an acute response to the terminal pulmonary hypertension. There was no evidence of an infectious or mail formative process.	Shih Tzu	2.29	Nobisc DHP - 1,N/A,N/A, 10,1 ml [25/10/2016]	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIONSD-2016-UK-05643	United Kingdom	Animal	Canine/dog	12 Year(s)	03/11/2016	08/11/2016	1 1	1 05/11/2	116 Yes, < R> No	B nappetence. Elevated creatine. Elevated BUN, Hypergly.caemia. Hypergly.caemia. Phypergly.caemia. P	Other	Superted Adverse Reaction. On 3 Nov 2016, dogs vaccinated with Noblace DHPPI and Noblace L6 [not given at 1 mon temperature, extra lake lues. F.1 and well and not other products; beyon at the same time Reported that dog had usetts in Mag 2016 but had resolved (details unknown). On 5 Nov 2016, presented to vets as off food, vorniting and collapped in the garten. On examination, the dog had usetts and was given Decaderson Injection, prednisolnoe and Cerena. Dickharged later after dog ate at the practice. On 6 Nov 2016, presented vomiting again, lethaging and not eating, in On 7 Nov 2016, reported with vomiting lethaging, not eating and the greating, on 7 Nov 2016, reported tried to eat but then vomited. On 8 Nov 2016, presented and stated that uset is was better but dog deteriorated with vomiting, lethagy, not eating and the engenature 8.9 degrees Celsius. Blood tests performed. Urea 46.4 (2.7-9), Crea 636 (44-195), Potassium 7.4 (3.5-5.8), glucose 1007 (3.8-7.93). The dog was admitted and placed on intravenous fluid therapy and continued predisolone and given a Cerenia Injection. Award further information. Follow up 14 Nov 2016 - the dog was estimatived and seven and usefuls, no post mortem was carried out. Nothing further expected [Reason for use for product: Generic: DMPPI U.V Brand: NOBIVAC DMPPI IDXIDS 100 Reason: Vaccination] [State of health: Good]	Cairn Terrier	9	Nobisc DHPPI, lyophilisate and solvent for supersion for injection for dogs - 1.N/A,N/A, 1.01, m1 (m10) (m10	O1 - Inconclusive	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-05651	United Kingdom	Animal	Canine/dog	8 Week(s)	08/09/2016	09/11/2016	1 1	. 0	14/09/2016	Yes, <b R> NO</b 	Diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia	Other	Sispected Adverse Reaction. On 8 Sep 2016, pupply vaccinated with Nobixo DHP and Nobixo L (I not given at mon temperature, extra lake lue.) F. Had well and indirectolipped at the same time. On 14 Sep 2016, presented lethangic and temperature 40 degrees Celsius. Given Synulox, Rabitidine and Buprenorphine. Then when dog went home vomited and had diarrhoea, presented back and admitted for intravenous fluid therapy and a parvo test negative. On 15 Sep 2016, puppy had an ultrasound and radiograph but no abnormalities detected. Discharged as brighter and was dispensed Synulox, Pardale and a Buprenorphine letton. No further information except.	Basset Griffon Vendeen (Small)	2.9	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (08/09/2016- 08/09/2016-(SHR- <br-nobivac l4<br="">Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (08/09/2016-08/09/2016) </br-nobivac>		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-05656	United Kingdom	Animal	Canine/dog	3 Year(s)	31/10/2016	30/11/2016	1 1	L O	02/11/2016	Not Known, 	Anaemia NOSI, Leucopenia, Increased heart rate, Pale mucous membrane, Diarrhoea, Vomiting Abn omali test result, Immune mediated haemolytic anaemia, Decreased haemoglobin, Decreased packed cell volume (PCV)	Not Known	Supected Adverse Reaction. Two dogs from the same household vaccinated with Noblouc L4 and gene Milpin. Both Gogs had similar reactions with wonting and dairnhoes. See finded case: 2015-L10, 555-54. On 31. Oct 2015, dog vaccinated with Noblouc L4 (not given at room temperature)[extra label use). On X Nov 2016, dog given a Milpin owmer and then vontied and had distrince. On 8 Nov 2016, dog continued to vomit and distrinces and was presented, and on examination heart rate was high and pale mucous membranes. Blood resists. BR C2 61, 55-87, [Memospoth of T7, [12-18], WMC 4 (5-5-16.9), Momocytes 0.18 (0.3-2) and eosinophils 0.06 (0.1-1.49). Admitted for intravenous fluid therapy, Blochmeistry all normal, abdominal ultrasound is all normal. No further information expected. Follow up 29 Nov 2016 - reseers on 29 Nov 2016, PCV 23% (37-55%), Vet suspects Immume Mediated Heamshifty. Anaemis, not confirmed. Nothing further expected. Follow up 30 Nov 2016 - Updated batch number. Nothing further expected.	Miniature Schnauzer	7.3	Milpro 1.2.5 mg/125 mg Film-coated Tablets for Ops 1,N/A,N/A, 24.1 Dose 1 Animal (02/11/2016-02/11/2016)-BRBR-Noblava L4 Suspension for Injection for Ops 1,N/A,N/A, 10.1 ml 1 Animal (31/10/2016-31/10/2016)-BRBR-	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-05658	United Kingdom	Animal			20/10/2016	17/01/2017	1 1		08/11/2016		Leucocyosis, Neutrophila Jheath mumur Jale mucous membrane, Diarrhoea, Distension of abdomen, Polydipsi, Jappccal caemic condition, Polyuria, Cutaneous oedema. Abnormal test result-typoalbuminaemia, Fluid in abdomen NOS, Invention of albuming/bobulin ratio, Decreased cholesterol (total), Monocytosis, Platelet disorder NOS	Not Known	Suspected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac 1.6 on 20 Sept 2016. 8 Nov 2016 diarnhors started previous week, unknown exact date, polydipsia and polyburs, not eating, very swollen a bothomen and oedema on ventrum. Grade II heart murmur, White Blood Cells 2.4 36 (5.5-16.9). Neutrophis 15.9 (2.12). Monocytes 2.6 (5.0-2). Platelets 88 (6.7-500, Cholesterol. 16.2 (2.8-8.2.7). Creatinine 39 (44-159), Calcium 1.3 (1.9-8.3), Total Protein 21 (2.7-8.2), Albumin 10 (22-39), Globulins 11 (25-45), Given Dearderon, Synulox, Netrondizaole, Paneura and Vitamin 81.2 Reported to be doing much better when seen on 14 Nov 2016. Diarrhoes is resolving and ventral oedema has improved significantly. Suigneed Protein losing enteropathy although to biopsy has been carried out to confirm this. Nothing further expected. Follow up 14 Nov 2016: history received, the dog was seen on 10 Nov 2016 and given sharidine. Metrobactin Comparator, PC 38 Sept 55-759), Riven Goeman in ventrum and distended abdomen, suspected Protein Losing Enteropathy, but not diagnosed. 14 Nov 2016 continued diarrhoes, improved appetition, for more part of the confirmed diarrhoes, improved appetition, for confirmed diarrhoes, improved appetition, for outer diarrhoes, asciser serviced, examined on 29 Dec 2017 Jan 2017. Reported to be doing well, not further diarrhoes, asciser serviced, examined on 29 Dec 2016 and had been off steroids for 2 weeks and still doing well. Weight gain. Nothing further expected.	Jack Russell Terrier		Nobivac L 5 Supervisor for Injection for Pope - 11/A/M, 0.01 m 1 Arimal (20/10/2016) - 20/10/2016 - 20/10/2016) - BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05661	United Kingdom	Animal	Canine/dog	2 Year(s)	07/11/2016	09/11/2016	1 1	L O	08/11/2016	No	Recumbency,Lethargy (see also Central nervous system depression in 'Neurological'),Limb weakness,Not eating	Other	Supercted Adverse Reaction Vaccinated with Nobiosc 14 on 7 Nov 2016, given straight from the fridge (Extra label Use). Boyo 2016 leitangs and off food, owner perports weakness of indimillons, the dog was lying on the table, legt in for observation overnight with intravenous fluids. 9 Nov 2016 reported to be eating and back to normal. Nothing further expected, [Reason for use for podat. Generic: LEPTO*4[ICT_CAN_GRIPP_BRAT] XB. Brand: NOBIVAC L4 IDXLDS 541. Reason: Vaccination] [State of healths. Good]	Bulldog	24.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (07/11/2016- 07/11/2016) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05672	United Kingdom	Animal	Canine/dog	1.5 Year(s)	07/11/2016	09/11/2016	1 1	L O	07/11/2016	Yes, <b R>BR>Not Known</b 	Seizure NOS	Not Known	Seapected selvers reaction Vaccinated on 7 Nov 2016 with Nobivec DPP and L4. Then 5 hours later the dog that a seture that lasted a minure. Prior to this the dog thad seture has gelwith saloons in it. On examination he was normal, those profile taken and all the results were within normal levels. No treatment was given. No more information expected	Crossbred	23.6	Nobivac DHP - 1,N/A,N/A,10,1 ml (07/11/2016- 07/11/2016) BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCEM/SD-2016-UK-05705	United Kingdom	Animal	Canine/dog	3.4 Year(s)	29/10/2015	24/03/2017	1 1	o	24/09/2016	Not Known	Lack of efficacy	Not Known	Supercised Lisk of Expected Efficacy for Lepto On 30 Cct 2015, Sog succinated with second Noblanc Li and on examination stated that dogs has allo case tools for the last 24 hours but Cinicially well. On 24 Sep 2016, dog presented as recently picked dog up from kennels (unknown date) and has noticed seems lethragic and not his usual self. Reported that dog has been lethragic for approximately & weeks and quale hungy, had initial solid stool than soft. Occasional stools overnight that are voluminous and mucus. On examination, no abnormalities detected but weary of lifting back feet and restricted extension on hips. Blood tests performed RBC 3.35 (5.39 8.70), Haemoglobin 12.2 (13.4-02.7), HCT 20.390 (0.3840-0.55), MRC 3.22 (12.6-32.2), Lymphocyces 5.35 (10.6-455), Albuma (26.6-3-82.2), Unres 10.8 (13.1-10.1), phosphorus 1.61 (0.80-1.60), no 30-sp 2016, abdominal ultrasound as could red extension on the country of the country		31	Nobrac L 5 Supervisor for Injection for Open 1-10/AM, 20,1 ml 1 Animal (29/10/2015-) BR~BR>	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05730	United Kingdom	Animal	Canine/dog	9.6 Year(s)	31/10/2016	18/11/2016	1 1	i o	03/11/2016	Yes, <cbr><cbr>Yes</cbr></cbr>	Dehydration, Stiffness NOS, Proteinuria, Elevated bile acids, Diarrhoea, Vomiting, Jaundice, Panting, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia	No Data	Suppected Adverse Reaction. On 31 Oct 2015, dog vaccinated Nobivac DHPPI and Nobivac L4, fit and well at time of vaccination and no other products given. On 3 Nov 2015, dog presented with vomiting, diadrince, lethragy, panting, delivplated and temperature 39 objectes Cebius I Boolds were performed but no abnormalities were detected. The dog was admitted for intravenous fluid therapy, Rantidisen and given pancetarion las vas stiff no details given. Reported withit posspitated the dog developed jaundice and had raised bile acids 57 (no reference range given) and proteinuric. Given Symulos and Mardorf for treatment. Further bloods and universe art for EXTe testing, Awalf further information. Follow up 18 Nov 2016 - Negative for Leptosporosis on urine and bloods. Nothing further exoceted.	Labrador Retriever	40	Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A, 10,1 ml 1 Animal (31/10/2016-31/10/2016)+BR>-BR>-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (31/10/2016)+BR>-BR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKWISD-2016-UK-05736	United Kingdom	Animal	Canine/dog	8 Year(s)	08/08/2016	13/11/2016	1 1	L o	09/08/2016	Not Known, >BR > BR> Not Known	Haemorrhagic diarrhoes/Vomiting_Lethargy (see also Central nervous system depression in "Neurological"],Dehydration	Not Known	Saspected sheers reaction limited information. Bravecto given (size winknown) on a unknown date. Soon after administration the dig eleveloped voriniting and darfnee, it required hospitalisation for the supportive treatment that was given but recovered on a unknown date. More information is expected following 12 Nov 2015: On 80 August 2105 secritated with Nobiote 14, Nobiote 45. Cand Bravecto 1000mg given. Bravecto was given when got home. 10 Aug 2016 acute vomiting and haemonthagic diarrhose, reported to started on 94 aug 2016. Lethargic, delayforder and administr for intra versus fluids. Treated with Metronidazolo, Cerenia and Promax. 11 Aug 2016 no further vomiting or diarrhose dog was sent home Metronidazolo and Promax. 12 Aug 2016 back to normal and fully recovered. Nothing further espected.	Dalmatian e	27.5	Bravecto 1000 mg Chewable Tablets for Dogs - 1000,1,3 Months, 3,1000 mg 3 Months 1,4 minal (8),6(8),2016 68(8),6(2),6(8),6(8),6(8),6(8),6(8),6(8),6(8),6(8	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05747	United Kingdom	Animal	Canine/dog	10 Year(s)		11/11/2016	1 1	i o	27/02/2016	Known,
 Yes, <b< td=""><td>Ataxia, Lack of efficacy, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Oisorientation, Elevated cholesterol (total)</td><td>Not Known</td><td>Suspected Adverse Reaction/Suspected Lack of Expected Efficacy Diagnosed Diabetic 17 Nov 2015, blood glucose 21.51mmol/1 (3.89-7.95), ALKO 254 (2.2-212) and losing weight. Owner reports the dog appears to be spaced on at it times and polyptigic and polyris. Caninstain was started on 21 Nov 2015 and 701 Unkic daily. The dog is a concurrent Epileptic and on Phenobarithone. 3 Dec 2015 reports and round the control of the control of the control on the control of the cont</td><td>Border Collie</td><td>29</td><td>Caninsulin 40 IU/ml Suspension for Injection - 7,1,12 House,1,9,7 IU 12 Hours 1 Animal (21/12/015- M/A/SBR-SBR-Nobbusc DHP - 13/A/M/A), 2.D III 3 Animal (N/A- 08/09/2016)-SBR-SBR-Nobbusc L4 Suspension for Injection for Dogs - 1,14/A/M/A, 2.D, ml 1 Animal (N/A- 08/09/2016)-SBR-SBR</td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></b<></br 	Ataxia, Lack of efficacy, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Oisorientation, Elevated cholesterol (total)	Not Known	Suspected Adverse Reaction/Suspected Lack of Expected Efficacy Diagnosed Diabetic 17 Nov 2015, blood glucose 21.51mmol/1 (3.89-7.95), ALKO 254 (2.2-212) and losing weight. Owner reports the dog appears to be spaced on at it times and polyptigic and polyris. Caninstain was started on 21 Nov 2015 and 701 Unkic daily. The dog is a concurrent Epileptic and on Phenobarithone. 3 Dec 2015 reports and round the control of the control of the control on the control of the cont	Border Collie	29	Caninsulin 40 IU/ml Suspension for Injection - 7,1,12 House,1,9,7 IU 12 Hours 1 Animal (21/12/015- M/A/SBR-SBR-Nobbusc DHP - 13/A/M/A), 2.D III 3 Animal (N/A- 08/09/2016)-SBR-SBR-Nobbusc L4 Suspension for Injection for Dogs - 1,14/A/M/A, 2.D, ml 1 Animal (N/A- 08/09/2016)-SBR-SBR	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-05776	United	Animal	Canine/dog	3 Month(s)	03/11/2016	13/03/2017	1 1	0 09/11/201	6 Yes, <		No Data	Suspected Adverse Reaction Vaccinated with Nobivac L4 and Nobivac KC on 3 Nov 2016. Prazitel and	Crossbred	Not	Nobivac KC4,N/A,N/A ,10,0.4 ml 1	O1 - Inconclusive	NCA agrees with MAH assessment
		Kingdom								R> Yes	aed appetite, Lethargy (see also Central nervous system edpression in Neurological'), Mucous stool, Muscle at Chorphy (see also "Muscle wasting'), Abnormal posture NOS, Walking difficutly riind imb paralysis, Polyradiculoneuritis, Lumb ar pain, Limb weakness	2	Bravetto were dispensed at the same time but it is unknown if it was given. 9 Nov 2016 Falying with puppy and leaped of the soft and now doesn't seen to want to walk, walks few paces and then sist down. Occasionally sinks to one side and seems to drag itself around. On examination, very stoic puppy, no reaction when taking rectal temperature, possibly some discomfort on mid lumbar spane. Heart rate 100bpm, Vet suspects just sore post playing. Metacam given. 10 Nov 2016 quiet in self, less been to eat breaking stopsibly passed some collist faces with some microus, intraining but unable to squat to unitate. On examination, appears paretic and getting weaker in forelimbs. Splay legged on floor (vederia: abnormal josturie, no josing deficts or pain on any limbs. The dollaw set referred for neurological assessment. Referral Specialist reported gossibly polyradiculoreurits and foreimbs and steed rows. Avail with their information. Follow up 62 Dec 2016: the dolg was seen on 21 Nov 2016 and some twickles of movement but nothing coordinated, no voluntary placing. Did manage to "lock" back kegs and support self standing for a New seconds. Its as teen the dog exceeding but cower of follow 13 Nov 2017 - reported to be running around and back to normal. Nothing further expected. Follow 13 Nov 2017 - resported to be running around and back to normal. Nothing further expected.		Known	Animal (03/11/2016- 03/11/2016)=Re-BN-bobbvac L4 Suspension for Injection for Dogs - 1,N/A/N,A (10.11 Animal (03/11/2016-03/11/2016)-BRBR-		
	GBR-MERCKMSD-2016-UK-05779	United Kingdom	Animal	Canine/dog	9 Week(s)	28/10/2016	14/11/2016	1 1		6 Yes, <c R> Not Known</c 	Lack of efficacy (parvovirus)	Not Known	Saspected Lack of Supected Efficacy for Pano. Two pupples from the same litter from an unwaccinated dain but posithe for Panowius post vaccination of Noblack DHP and Noblack L4. See linked case: 2016-UR-05780. On 28 Oct 2016, whilst in breeder's possession the puppy was sectionated with Noblack DHP and Noblack L4. On unknown date, the puppy was reborned to the new owner and moved to different area (exact details unknown). On 7 Nov 2016, puppy became unwell (unspecified details), On 11 Oct 2016, and feets xnap lest was positive for Parovicins. It is unknown whether the puppy has died, euthanized or under treatment. No further information expected.	Jack Russell Terrier	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (28/10/2016- 28/10/2015)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (28/10/2016-28/10/2016) -BR>>		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-05780	United Kingdom	Animal	Canine/dog	9 Week(s)	01/11/2016	14/11/2016	1 1	1 07/11/201	6 Yes, <e r=""> Yes</e>	Death by euthanasia, Lack of efficacy	No Data	Saspected Lick of Expected Efficacy for pano Two puppies from the same litter from an unaccinated dam both positive for Parnovirus pot varicentation of Noblave. Del Pan Infolder. L. See liniked case: 2016-UK 05779. On 1 Nov 2015, puppy vaccinated with Noblava CHP and Noblava L. I, fit and well and Strongfold. The puppy has been in new owner's possession for of days. On 8 Nov 2015, presented to vets as off colour for 48 hours, vomitting, haemorinagic diarrhose. An ideas range test was performed and was positive for Parovivirus. Bool of its speriormed and was positive for Parovivirus. Bool ests performed and given heteronidazole, Augmentin, Fantichien, Metoclopamie and Vetergesic. On 10 Nov 2015, distriber hal got vorse, presci and still vomitting. On 14 Nov 2016, the puppy was euthanased. No further information sespected.	Jack Russell Terrier	2	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (01/11/2016- 01/11/2016-)8R>-8R> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,7 ml 1 Animal (01/11/2016-01/11/2016)-6R> 	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05801	United Kingdom	Animal	Canine/dog	5 Year(s)	14/11/2016	16/11/2016	1 1	0 15/11/201	6 Yes, 6 Yes, 6 R> 6 R> 7 R 8 R> 6 R> 7 R 8 R> 8 R> 8 R> 8 R> 9 R 9 R 	Anaemia NOS,Elevated creatine- kinase (CKJ,Diarrhoea,Monocytosis,Reluct ant to move,Walking difficulty	Not Known	Sappercal Adverse Reaction Vaccinated with Nobissa CHP, Nobissa C La and Nobissa KC on 14 Nov 2016. The following morning the dog developed distrinces. In Nov 2016 Presented as unable to get up and unable to waik. The dog was admitted and was able to waik later the same evening, appears to be painful but mable to exitic a response. Boods were carried on the Blood Cells. 50, 51.98-270, Heamenglobin 12.5 (13.4-20.7), Heamenglobin 12	Labrador Retriever	25.2	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal [14/11/2016-14 14/11/2016-18Ps-RBR-Nobivac KC - N/A,N/A,N/A,N/A,N/A [14/11/2016- 14/11/2016-18Ps-RBR-Nobivac LA 11/2016-14/11/2016-14 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (14/11/2016-14/11/2016)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2016-UK-05805	United Kingdom	Animal	Canine/dog	8 Year(s)	17/10/2016	16/11/2016	1 1	0 17/10/201	6 Yes, →CBR→CBR→Yes	Panting_Lethargy (see also Central nervous system depression in 'Neurological'), Weight loss, Weight gain, Abnormal test result, Increased appetite, Immune mediated haemolytic anemis, Elevated tieve enzymes, Decreased packed cell volume (FCV), Leucocytosis, Frequent urination	No Data	Suspected adverse reaction Vaccinated with Nobback L6 on 26 Nov 2013 and 23 Doc 2013. Mad a bootser vaccination on 17 Oct 2015 with Nobback DPF and 16. Dog Gannets blood pacinguisty to a pet blood bank, went to give Brood on 6 Nov 2015. The dogs FCV was slightly on the low side (no value or ref range) no blood donation was performed. The dog effective pole of the Microsoft Control on the Control of the Contr	Labrador Retriever	Not Known	Nebbac DHP - 1.N/A/N/A (J.0.1 ml (17/10/2016) 17/10/2016) RBN-Nebbac L4 Supereison for Tugetion for Dogs - 1.N/A/N/A, 10,1 ml (17/10/2016) 17/10/2016) - BRN-CBR	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05884	United Kingdom	Animal	Canine/dog	3 Year(s)	20/04/2016	18/01/2017	1 1	0 17/11/201	6 Yes	Thrombocytopenia, Heart murmur, Drinking a lot, Lethargy (see also Central nervous system depression in Neurological'), Abnormal test result, Hyperbosphataemia, Elevate d BUN, Elevated creatinie, Decreased packed cell volume (PCV), Elevated arm\u00e4se	No Data	Saspected Adverse Reaction Vaccinated with Nobback 14 on 20 Apr 2015. Previously vaccinated with Nobback 14 on 20 Apr 2015. Previously vaccinated with Nobback 14 on 20 Apr 2015. When presented for the second 44 vaccion, the owner reported that the dog had been dirinking more and had increased lymph nodes-see linked case 2016-UK 05882. If Nov 2016 still dirinking allot, Grade in heart murmur, bit letharge. Bloods showed Urea 38.8 (25-56), Creating 43 (5-559), Read Book 1614-38 (3-55-5), Hearaboret 1318 (75-50), Phosphorus 24.9 (0.81-2.2), Avail 16 (23-222), Amylase 1783 (500-1500) and sent to emergency clinic for intra venous (Had. Awalf further information. Follow up 18 Jan 2017 - Nothing further has been received, case closed.	Bull Terrier	28.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (20/04/2016-20/04/2016) - 20/04/2016) - 8R> - 8R>	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-05909	United Kingdom	Animal	Canine/dog		19/11/2016		1 1		6 Yes, <br R> No</br 	Hind limb ataxia,Anaphylactic-type reaction,Vomiting,Bradycardia	Other	Suspected Adverse Reaction. On 19 Nov 2016, day excinated with Nobvac DHP and Nobbac L4 (not yeare at room temperature, extra lake level and reported a runituse before Pitton tablet. After vaccination the day was put on the floor and 5 minutes after vaccination the day started to sway on back legs. Examined and was brady-zarde and then started to vonntl, then given Cerelina and Chlorepheramine (coded as anaphylactic-type reaction). The day was then observed at the practice for 20 minutes whish to more? so ther day were examined. Improved and resolved after this time. Reported that day has reacted to a vaccine (unknown brand) in 2013 with hives. No further information executes.			Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (19/11/2016- 19/11/2016)-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (19/11/2016-19/11/2016)-BR> 		NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-05911	United Kingdom	Animal		16 Week(s)	, , , , ,	21/11/2016	1 1		6 Yes, <e R> Yes</e 	Neurological signs NOS,Falling,Ataxia,Death by euthanasia,Off colour	No Data	Suspected Adverse Reaction Vaccinated with Nobbac DHP and L4 on 14 Oct 2016 and then again with the same vaccines on 11 Nov 2016. I Alwa 2016 owner reported wobbly, but no abnormalities found when examined. 15 Nov 2016 quiet, offered blood but owner declined. Anti biotics given. 19 Nov 2016 failing over and walking along the wall, suspected sight impairment (owner suspected) and neurological signs were being displayed. Suspicious of a porto systemis kinh. 20 Nov 2016 the dog was euthanased. No post mortem was carried out. Nothing further expected.	Shih Tzu	Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (11/11/2016- 11/11/2016-BR->BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (11/11/2016-11/11/2016) >BR>		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05923	United Kingdom	Animal	Canine/dog	7 Year(s)	03/11/2016	22/11/2016	1 1	0 09/11/201	6 Yes, <c R> No</c 	Pyrexia, Lethargy (see also Central nervous system depression in "Neurological"). Decreased appetite, Drinking a lot, Injection site abscess	Other	Suspected Adverse Reaction Vaccinated with Noblace IPH and Noblace 1.4 on 3 Nov 2015. Noblace 1.4 highest straight from thrighe [Earts Lable Leg 11 Nov 2015 expected as lethraging for a few days and targe painful swelling at vaccine site, melon sized. Temperature 4.1.2 Celsius, dinking more than commal, reduced appetite. The dog was admitted and the lamp was lanced and fluided and a drain was placed. The dog was kept in overnight. Placed on antibiotics. The dog was sent home the following day and reported to be recovering and healing well on 15 Nov 2016. The drain was also removed on the 15 Nov 2016. Nothing further expected.		45	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (03/11/2016- 03/11/2016-BR->BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (03/11/2016-03/11/2016)-BR>>BR>	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-05926	United	Animal	Canine/dog	1.3 Year(s)	15/11/2016	22/11/2016		0 21/1	/2016 Yes, <bi< th=""><th>><b monocytosis,seizure<="" th=""><th>No Data</th><th>Suspected adverse reaction Vaccinated 28 Oct 2015 and 25 Nov 2015 with Nobivac DHP and L4.</th><th>French Bulldog</th><th>Not</th><th>Nobivac DHPPi, lyophilisate and</th><th>O1 - Inconclusive</th><th>NCA agrees with MAH assessment</th></th></bi<>	> <b monocytosis,seizure<="" th=""><th>No Data</th><th>Suspected adverse reaction Vaccinated 28 Oct 2015 and 25 Nov 2015 with Nobivac DHP and L4.</th><th>French Bulldog</th><th>Not</th><th>Nobivac DHPPi, lyophilisate and</th><th>O1 - Inconclusive</th><th>NCA agrees with MAH assessment</th>	No Data	Suspected adverse reaction Vaccinated 28 Oct 2015 and 25 Nov 2015 with Nobivac DHP and L4.	French Bulldog	Not	Nobivac DHPPi, lyophilisate and	O1 - Inconclusive	NCA agrees with MAH assessment
		Kingdom	Aumila							R> <br< td=""><td>Yes NO5,Hyperglycaemia,Hypoalbumin aemia,Abnormal test result,Leucocytosis</td><td></td><td>Vaccinated on 15 Nov 2016 with Nobixoc DHPPP and 14. Owner called the practice on 21 Nov 2016 as had two small first that day. They advised into to go to the out of hours clinic but the declined. Overnight the dog had 6 more seitures lasting about 1 minute each time. Was seen on 22 Nov and offered blood which the owner declined. The dog was given Diazepam and Epighen to start and rectal Diazepam to take home. 23 Nov seen as had 11 setures overlight. Neurological examination was normal. Bloods show HCT 57.2 (44-57) WRC 12.6 (6-12) Monocytes 0.6 (0-0.5) Granulocytes 10.4 (3-10) Als 41(2-6-0) Guotose 9.7 (42-7-1) GPT 99 (17-78) They have placed to in Repart for the seitures a the owner will not let the dog stay in the hospital. No more information expected</td><td>s s</td><td>Known</td><td>solvent for suspension for injection for dogs - 1,N/A,N/A,10,1 ml (15/11/2016-15/11/2016)<8R>><8R>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (15/11/2016-15/11/2016)<8R><8R></td><td>O1 - IILUILIUSIVE</td><td></td></br<>	Yes NO5,Hyperglycaemia,Hypoalbumin aemia,Abnormal test result,Leucocytosis		Vaccinated on 15 Nov 2016 with Nobixoc DHPPP and 14. Owner called the practice on 21 Nov 2016 as had two small first that day. They advised into to go to the out of hours clinic but the declined. Overnight the dog had 6 more seitures lasting about 1 minute each time. Was seen on 22 Nov and offered blood which the owner declined. The dog was given Diazepam and Epighen to start and rectal Diazepam to take home. 23 Nov seen as had 11 setures overlight. Neurological examination was normal. Bloods show HCT 57.2 (44-57) WRC 12.6 (6-12) Monocytes 0.6 (0-0.5) Granulocytes 10.4 (3-10) Als 41(2-6-0) Guotose 9.7 (42-7-1) GPT 99 (17-78) They have placed to in Repart for the seitures a the owner will not let the dog stay in the hospital. No more information expected	s s	Known	solvent for suspension for injection for dogs - 1,N/A,N/A,10,1 ml (15/11/2016-15/11/2016)<8R>><8R>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml (15/11/2016-15/11/2016)<8R><8R>	O1 - IILUILIUSIVE	
	GBR-MERCKMSD-2016-UK-05937	United Kingdom	Animal		12 Year(s)	17/08/2015	18/01/2017	1 1		R×BR×BR Known, <br ×BR×BR× Yes</br 	<br BR></br 	No Data	Suspected adverse reaction Vaccinated on 17 Aug 2015 with Nobbac DNP and KC and L4. Then in November 2015 the dog developed active pionode of Pancrestits followed by Immune mediated thrombocytopenia, unknown how this was dilagnosed. Was on Steroids dose rate unknown, It has been off Steroids for 6 weeks now. Await further information. Follow up 18 Jan 2017 No more information received.	Polish Lowland Sheepdog	15	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (17/08/2015- 17/08/2015)-BR>-cRP>-Nobivac KC - 1,N/A,N/A,24,1 Dose (17/08/2015- 17/08/2015)-BR>-cRP>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/08/2015- 17/08/2015)-BR>-cRP>	O - Unclassifiable/unassessa ble	product role cannot be ruled out, vaccines known to cause autoimmune reactions.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05940	United Kingdom	Animal	Canine/dog	3 Year(s)	19/11/2015	23/11/2016	1 1	1 20/1:	/2015 Yes, SR> BR> BR:		Other	Suspected Adverse Reaction. On 19 Nov 2015, day excinated with Nobbac L4 (not given at room temperature, eart able use) and Nobbac DHP, if and well at time of vaccination and no other products given. On 9 Dec 2015, presented as owner reports that dog is not herself and vomited 24 hours after vaccination and intermittent darrheae. Temperature 39. 4 degrees Celsius and caudal abdominal pain. Given Stomorgyl and Promax. On 17 Dec 2015, good improvement and became unsettled when stopped Stomorgyl. On 2 Dec 2015, reported that dog has bitten owner and also soot have returned to normal and temperature normal. On 31 Dec 2015, For levits normal. Reported that the dog has been euthansated as bitten the owner but it as los mentioned that dog has down aggression prior to vaccination (dates unknown). No further information expected.	Bernese Mountain Dog	50	Nobiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (19/11/2015- 19/11/2015)=RR>-RR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 20,1 ml 1 Animal (19/11/2015-19/11/2015) 	B - Possible	NCA agrees with MAH assessment
	GBR-MERCKMSD-2016-UK-05942	United Kingdom	Animal	Canine/dog		14/11/2016	22/11/2016	1 1		/2016 Yes, SR> 	Yes, creatine-kinase Ro- (CK),Hyperphosphataemia,Shaking, Head tremor,Not eating,Elevated temperature,Listless,Lethargy (see also Central nervous system depression in 'Neurological'),Cough,Nasal discharge,Seizure NOS,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	No Data	Suspected Adverse Reaction Vaccinated with Nobinus CHP, Nobinus CL and Nobinus CC on 14 Nov 2016. Advocate and Dromal were dispensed but not confirmed if given. Been in the owners possions for 2 weeks, previously at a rescue centre, no known past history. The dog did not eat that same weening and on the 16 Nov 2016 was letting and lattes, younded ble then no Intert womsting. The Nov 2016 continued lethary and lattessures, eating well. Owner reports he had head tremors for a munter. Jipm the same evening the dog collapsed with next and leg shalking and seture was suspected. Blood profile for "Vist and flants" were cerried out, Creathins flants 391 (225) and Earnied on 19 Nov 2016 temperature 33 2 closis, head nummer, pursient said closings or could be added to the profile of t	Boxer (German Boxer)	31	Nobiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (14/1/2016)- 14/11/2016/-BR>-cBR-Nobiac KC - 4,N/A,N/A - 10,0.4 ml 1 Animal (14/11/2016)-BR>-BR>Nobiac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (14/11/2016)-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BRBRBR-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4		United Kingdom	Animal	Canine/dog	4 Year(s)	14/11/2014	23/11/2016	1 1	0 18/0	/2015 Yes	Seizure NOS	No Data	Suspected Adverse Reaction Vaccinated with Nobivac L4 on 14 Nov 2014. Reported to have had seizures on 18 Jul 2015 and Epiphen was started in Aug 2015. Nobivac DHP and Nobivac L4 was given on 13 Oct 2015 and in Jan 2016 the dog was tapered off the Epiphen and has had no further seizures. Nothing further expected.	Crossbred	49	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (14/11/2014- 14/11/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-05988	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	26/01/2017	1 1	0 01/0:	/2016 Yes	Immune mediated thrombocytopenia	No Data	Suspected Adverse Reaction. Limited information. On an unknown date in 2016, dog vaccinated with Nobiwac L4 (details unknown). On an unknown date, dog has been diagnosed with immune mediated thrombocytopenia (exact details unknown). Await further information. Follow up 26 Jan 2017 - No further information received. Case closed.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/01/2016- 01/01/2016	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIXMSD-2016-UK-06001	United Kingdom	Animal	Canine/dog	6 Year(s)	21/11/2016	24/11/2016	1 1	0 24/1:	/2016 Yes, R> >BR> -BR> >BR> >BR> R> Yes R> >BR >BR>Yes	Yes, R>< <b< td=""><td>No Data</td><td>Suspected Adverse Reaction. On 21 Nov 2016, dog vaccinated with Nobivac L4, Nobivac Kt an Obivac CH and Nobivac CH and Nobivac</td><td>Basset Griffon v Vendeen (Large)</td><td>22</td><td>Brawecto 1000 mg Chewable Tablets for Dogs -1,121 Weeks,24,1 Dose 12 Weeks 1 Animal (22/11/2016- 22/11/2016)-ER-BR-Noblwac DHPPI, Npohlisate and solvent for suspension for injection for dogs -1,N/A,N/A, 10,1 m1 1 Animal (21/11/2016- AN)A,N/A, 10,0 et al. 1 Animal (21/11/2016- 21/11/2016-RR-Noblwac KC-AN)A,N/A, 10,0 et al. 1 Animal (21/11/2016- 21/11/2016-RR-BR-Noblwac L4 Suspension for injection for Dogs -1,N/A/N/A, 10,1 m1 3 Animal (21/11/2016- 21/11/2016-RR-BR-SR-Noblwac L4 Suspension for injection for Dogs -1,N/A/N/A, 10,1 m1 3 Animal (21/11/2016-21/11</td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment</td></b<>	No Data	Suspected Adverse Reaction. On 21 Nov 2016, dog vaccinated with Nobivac L4, Nobivac Kt an Obivac CH and Nobivac	Basset Griffon v Vendeen (Large)	22	Brawecto 1000 mg Chewable Tablets for Dogs -1,121 Weeks,24,1 Dose 12 Weeks 1 Animal (22/11/2016- 22/11/2016)-ER-BR-Noblwac DHPPI, Npohlisate and solvent for suspension for injection for dogs -1,N/A,N/A, 10,1 m1 1 Animal (21/11/2016- AN)A,N/A, 10,0 et al. 1 Animal (21/11/2016- 21/11/2016-RR-Noblwac KC-AN)A,N/A, 10,0 et al. 1 Animal (21/11/2016- 21/11/2016-RR-BR-Noblwac L4 Suspension for injection for Dogs -1,N/A/N/A, 10,1 m1 3 Animal (21/11/2016- 21/11/2016-RR-BR-SR-Noblwac L4 Suspension for injection for Dogs -1,N/A/N/A, 10,1 m1 3 Animal (21/11/2016-21/11	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06033	United Kingdom	Animal	Canine/dog	11 Week(s)	28/11/2016	28/11/2016	1 1	0 28/1:	/2016 Yes, <bi R> <br< td=""><td></td><td>No Data</td><td>Sappected allevers exection Vectoriset on 28 Oct 2016 with Nobies CNPB and L4 Then again on 28 Nov 2016. After the vaccine was given they walked around the ext store. Then half as hour later the dog developed oedema round the eyes and muzzle, breathing well, is bright. Given Colvasore injection and sent home, has not been back to the practice. No more information expected</td><td>Chihuahua</td><td>1.01</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (28/11/2016- 28/11/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/11/2016- 28/11/2016\-BR> </td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<></bi 		No Data	Sappected allevers exection Vectoriset on 28 Oct 2016 with Nobies CNPB and L4 Then again on 28 Nov 2016. After the vaccine was given they walked around the ext store. Then half as hour later the dog developed oedema round the eyes and muzzle, breathing well, is bright. Given Colvasore injection and sent home, has not been back to the practice. No more information expected	Chihuahua	1.01	Nobivac DHP - 1,N/A,N/A,10,1 ml (28/11/2016- 28/11/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (28/11/2016- 28/11/2016\-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIONSD-2016-UK-06046	United Kingdom	Animal	Canine/dog	7 Year(s)	04/09/2015	25/11/2016	1 1	0 09/09	/2015 Yes, <bi R> <br< td=""><td>3-43 audica. Lethargy (see a los Central Veri enrous system depression in Neurological). Pyrexia, Weight loss, Regenerate anaemia, Not eating, Ahnormal test result, Swoller lymph node. Hypoghycaemia, Elevated BUN, Elevated AT. Elevated SAP, Decreased haemoglobin, Decreased packed cell volume (PCV), Patietel disorder NOS, Neutrophia, Jarle mucous membrane, Leucopene, Thrombocy opena</td><td>i No Data</td><td>Saspected Adverse Reaction. On 4 Sep 2015, 60g vaccinated with booster vaccination of Nobivac Diff and Nobivac Life reviewulay recived valengand vaccine). On 9 Sep 2015, developed bethargy, not earlier pale mucous membranes, temperature 40.4 degrees Celsius. Blood tests performed state regenerative and one blood transfusion was done. On 11 Sep 2015, dog was sent for a referral with suspected immune mediated hemorphic anaemia. On 18 Sep 2015, feorphered back from referral, currently on testiment with steroids, Omerpraciole, antepsin, Aspiris and reports brighter. Dog is justifieded and an annual PCV 20% (SS-57) and continued medication. On 28 Sep 2015, weight loss, submandibular lymp node prominent, pale and justified with a manual PCV 20% (SS-57) and continued on the same medication. Blood analyses were sent on an external laboratory. PCV 37% (SS-57), On 18 Dec 2015, paleties SS (21 (348-484), haemoglobin 1.29 (13.1-20.5), RBC 5.35), RBC 5.35 (SS-8.37), RAT 5.000 (SS-21.2), ESS-5.35 (SS-8.37), RAT 5.000 (SS-21.2), RBC 5.35 (SS-8.37), RAT 5.300 (SS-8.37), RBC 5.35 (SS-8.</td><td>, Springer</td><td>29.6</td><td>Noblavc DIP - 1.1/L/N/A (J.0.1 ml 1 Animal (04,092.015-1 blavac L4 Suspension for Injection for Dogs 1,N/A,N/A, 1.0.1 ml 1 Animal (04/09/2015-04/09/2015)<8R>8R></td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<></bi 	3-43 audica. Lethargy (see a los Central Veri enrous system depression in Neurological). Pyrexia, Weight loss, Regenerate anaemia, Not eating, Ahnormal test result, Swoller lymph node. Hypoghycaemia, Elevated BUN, Elevated AT. Elevated SAP, Decreased haemoglobin, Decreased packed cell volume (PCV), Patietel disorder NOS, Neutrophia, Jarle mucous membrane, Leucopene, Thrombocy opena	i No Data	Saspected Adverse Reaction. On 4 Sep 2015, 60g vaccinated with booster vaccination of Nobivac Diff and Nobivac Life reviewulay recived valengand vaccine). On 9 Sep 2015, developed bethargy, not earlier pale mucous membranes, temperature 40.4 degrees Celsius. Blood tests performed state regenerative and one blood transfusion was done. On 11 Sep 2015, dog was sent for a referral with suspected immune mediated hemorphic anaemia. On 18 Sep 2015, feorphered back from referral, currently on testiment with steroids, Omerpraciole, antepsin, Aspiris and reports brighter. Dog is justifieded and an annual PCV 20% (SS-57) and continued medication. On 28 Sep 2015, weight loss, submandibular lymp node prominent, pale and justified with a manual PCV 20% (SS-57) and continued on the same medication. Blood analyses were sent on an external laboratory. PCV 37% (SS-57), On 18 Dec 2015, paleties SS (21 (348-484), haemoglobin 1.29 (13.1-20.5), RBC 5.35), RBC 5.35 (SS-8.37), RAT 5.000 (SS-21.2), ESS-5.35 (SS-8.37), RAT 5.000 (SS-21.2), RBC 5.35 (SS-8.37), RAT 5.300 (SS-8.37), RBC 5.35 (SS-8.	, Springer	29.6	Noblavc DIP - 1.1/L/N/A (J.0.1 ml 1 Animal (04,092.015-1 blavac L4 Suspension for Injection for Dogs 1,N/A,N/A, 1.0.1 ml 1 Animal (04/09/2015-04/09/2015)<8R>8R>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXMSD-2016-UK-06053	United Kingdom	Animal	Canine/dog	2.4 Year(s)		25/11/2016	1 1	0 01/01	/2015 Yes	Lack of efficacy	No Data	Sappected Lack of Expected Efficacy for Lepto Reported to have had a Duramuse DAPPNIZ course when a pupp.) an 2015 Nobbacc Lives given reported to have had a course, but no details on if vaccine given in an 2015 was primary or second vaccine. Aug 2015 pyresia, PCR blood positive for Lepto. MRI serology negative - 2 week course of Dossyctine was given. In contact with litter mate, other dog tested negative for PCR Lepto on urine. 7 Sept 2016 Nobbacc Lives signed not be positive Lepto result in Aug 2015. Reported to have been given a course, but unknown exact dates of vaccines. Nov 2016 Weight Ross, prepated Lepto scenering, positive on unine PCR and MRI serology was 1:100 L. Canicola. The dog was placed on Dosycycline again. Nothing further expected.	English Springer Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (N/A-01/09/2016)-BR>-BR>-	O1 - Inconclusive	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2016-UK-06060	United Kingdom	Animal	Canine/dog	8 Week(s)	14/11/2016	28/11/2016	1 1	0 :	17/11/2016		Weight loss, Appetite loss, Vomiting, Abnormal test result, Diarrhoea, Leucopenia	No Data	Suspected Adverse Reaction Vaccinated with Nobiac DHP and Nobiac L4 on 14 Nov 2016. 17 Nov 2016 presented as off food, womiting, small amounts of diarrhose, weight loss. The dog was admitted for intravenous fluids, Virbagen, Amouyclay, Metrovidazole, Cerenia, Rantidine, Vetergesic, Metrochoparmide, Potassium Chloride and Dighdyle, Bloods were taken that diowed severe leucopenia and protein losing entiropathy. Stag text for Farva positive. The dog was reported to be doing well and going home, on an indivonment date. Noting further expected.	English Springer Spaniel	3.37	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (14/11/2016- 14/11/2016)-BR> >Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (14/11/2016-14/11/2016)-BR> 	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCKWSS-2016-UK-08062	United Kingdom	Animal		8 Year(s)	22/11/2016	03/01/2017	1 1				Injection site swelling. Injection site swelling. Injection site swelling. Injection site swelling. Injection site serosangainous discharge, Injection site udser, Dermatikir, Ampetence, Injection on site panniculitis, Abnormal test result, Injection site fibrosis.	Other	Superetal Adverse Reaction. On 22 Nov 2015, day accinated with Nobiac CHP and Nobiacs L4 florg light and 1 mon Imperaturyleischt all selbe up.fl. 1 and well at Imme of vaccination. On 25 Nov 2015, swelling developed back of the neck. On 28 Nov 2015, on clinical examination as painful and ulcenate on right side of neck. Temperature 38 a Adepters. Celsius and is inappeatant. Gliven Metacam. Coleine and Clavaseptin. No further information expected. Follow up. 1 Dec 2015 - seen nor 28 Nov 2016 at emergency clinic. So owner concerned with the swelling and was very painful, 29 Nov 2016 in temperature 38.5 Celsius, painful and swollen and oozing sero sanguineous fluid. The dog was admitted and given ageneral ansestletic clerified and bloopy was taken, drain was placed. 1 Dec 2016 still oozing through he drain but brighter in self. Awalt swab results, open case. Upgraded to servious case. Follow up 3 In 2016 - Bloopy was also taken, results returned as programulomatous performance of the control of the contro	d		Nebsuc 01P - 1,14/N/N, 1,01 mt 1 Aminal (22/11/2016) 22/11/2016; RB-N-81B-N-90bwc L4 Suppension for injection for Dogs -1,14/N,14/1,01 mt 1 Animal (22/11/2016-22/11/2016)-BR>-BR>-		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06067	United Kingdom	Animal	Canine/dog	11 Week(s)	01/11/2016	28/11/2016	1 1	0 (01/11/2016	Yes, Yes	Tarry or black stool (see also haemorrhagic diarrhoea), Vomiting, Hypothermia, L ethargy (see also Central nervous system depression in "Neurological"), Unable to rise	No Data	Suspected Adverse Reaction. Dog vaccinated with Nobbac DNP and Nobbac L4 and had similar reactions post first and second course such a lethargy, gashrointestial issues and collage. See linke case: 2016-IU-60070. On 1 Nov 2016, puppy vaccinated with Nobbac DNP and Nobbac L4, fit and wa and no other products given. On same day, dog was lethargic post vaccination. On 2 Nov 2016, presented as letharge, unable to get up, had black darrhore and vomitting and was flut with a temperature of 38-4 degrees Celsius. Blood tests performed showing no abnormalities and parvovirus negative on snap. Andritted and given intravenous fluid therapy and Cereina. On 3 Nov 2016, resolved and was discharged on Metronidazole and Panacur. No further information expected.			Nobixe DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/11/2016- 01/11/2016)48R~8BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (01/11/2016-01/11/2016)+BR> 		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06079	United Kingdom	Animal	Canine/dog	5 Year(s)	25/11/2016	29/11/2016	1 1	0	7/11/2016	Yes, <b R> >Pes</b 	Seizure NOS,Recumbency,Pyrexia,Paddling	No Data	Suspected Adverse Reaction. Vaccinated with Noblava DHP and Nobbac L on 25 Nov 2016. Surplan dispensed, unknown reason and not confirmed was given. Ogava seve excited at the Vets. Reported to have had a seizure on 27 Nov 2016, paddling, recumbent and lasted 2 minutes, fully recovered afte Presented on 28 Nov 2016 with temperature 40.4 Cebius, no medication given. Nothing further expected.	Retriever	21.9	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (25/11/2016- 25/11/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (25/11/2016-25/11/2016)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKWASD-2016-UK-06087	United Kingdom	Animal	Canine/dog	4 Month(s)	17/10/2016	07/12/2016	1	1	.8/11/2016	Yes_GBP-BP-BP-BP-BP-BP-BP-BP-BP-BP-BP-BP-BP-B	Death by euthanasia, i.ack of efficacy		Supercited Lick of Expected Efficacy for Lepto. On 12 Aug 2016, day succinated with Nobius K: C. On 19 Sep 2016, pury vaccinated with Nobius CP. On 19 Sep 2016, pury vaccinated with Strike Nobius CP. On 19 Nobius L. On 12 Nov 2016, presented to reporting practice as for the last 24 hours developed worniting, diamnose and depressed. In crossult, jurisdeed mucous membranes, abdominal pain and dehydrated. Blood tests show. RBC 5.22 (5.65-8.87), PCV 0.329 (0.379-6.017), hemoglobia 12 (1.31-205), Monopres 2.27 (1.61-1.12), Platestee 62 (1.48-48), Urea 3.2.6 (2.5-1.04), Lick period (1.21-205), Monopres 2.27 (1.61-1.12), Platestee 62 (1.48-48), Urea 3.2.6 (2.5-1.04), Lick period (1.21-205), Monopres 2.27 (1.61-1.12), Platestee 62 (1.48-48), Urea 3.2.6 (2.5-1.04), Lick period (1.21-205), Monopres 2.27 (1.61-1.12), Platestee 62 (1.48-48), Urea 3.2.6 (2.5-1.04), Lick period (1.21-205), Monopres (1.21-205), Mo	g g g g g g g g g g g g g g g g g g g	15.3	Nebbus CHP - 1.N(AN)A, 10.1 ml 1 Amimal (17)1/12016;eRP-Nebbusa KC - AN/AN/A, 10.0 ml 1 Amimal (12)08/2016 12/08/2016 12/08/2016 12/08/2016 12/08/2016 12/08/2016 13/	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06088	United Kingdom	Animal	Canine/dog	9 Week(s)	19/11/2016	29/11/2016	1 1	0 :	22/11/2016	Not Known	Leucocytosis, Head tilt - ear disorder, Corneal oedema, Miosis, Depression, Abnorm al test result, Elevated liver enzymes, Elevated ALT, Elevated SAP	Not Known	Sispected Adverse Reaction Vaccinated with Nobius L 4 on 19 Nov 2016. Vaccine was given at another Practice, not the reporting Practice. 2 2 Nov 2016 depressed, flead lift to the right, left eye spasm miosis, corneal oedema in left eye. Raised liver enzymes-no exact results given. ALKP 757 (12- 83), M.T. 22 (13-73), White Blood Cells 17 (5-15), urise result of and positive for Lepto PCR. The pupply was admitted for intra venous fluids and antibilotics. 29 Nov 2016 puppy reported to be better but not fully recovered. Nothing further exocetic.		Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (19/11/2016- 19/11/2016) BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06109	United Kingdom	Animal	Canine/dog	10 Week(s)	03/11/2016	23/12/2016	1 1	1:	4/11/2016	Yes, Yes	Enlarged lymph nodes (generalsed),Dull,Bone marrow disorder NOS, Priss, Death by euthanasia,Joint pain,Mouth pain	No Data	Support adverse resettion. A lives enough out female coile received her first sectivation on the 3rd of November 2016 Lings (bobbsec DiPPF) and L.O. on the 34th O'November 2016 the pupp attended the vet with pryrxia, it was dull and lethangic. The owners reported that the pup had fallen of fa wall a fe- days perviously and hit?'s head. There was no muscle pain and no neck pain or assemination. The put was treated with non-steroidal anti-inflammatories and antibiotics. On the 18th of November the put was still dull and had one ploris. Submerdibular lymph nodes were soulder. The put was reluctant to open it?'s mouth. Treatment with antibiotics and non-steroidal anti-inflammatory drugs continued. Th dog improved a few days lister. A similar episode was use and fert the second vacation was given on the 28th of November 2016. Case linked to 2016 - UK - 6100; Follow up 23rd December 2016. Diagnostic work up evealed a diagnosis of trappen causering importance. Do was estudianced on the 22th of December 2016. No more information expected. Linked to Wifo ref 0751/16 MMH ref GB- HULTWINY-2016 or 05521.	Canine/dog w p p	Not Known	Nobivac DHPPI, lyophilisate and solvent for suspension for injection for objection for injection for injection for objection for objective for	O1 - Inconclusive	Although the presence of an underlying condition was the likely attorned for enthansitia, there was a close temporal association between the onset of some of the yepptoms and both the first and seven development of the properties and only the properties are the properties and the properties are

Property																		
Part	NOBIVAC L4		Animal	Canine/dog	2.2 Year(s)	11/04/2016		1 1		RBR-ND Known,-BB-ND Known,-BB-SB-NB-SB-NB-NB-SB-NB-SB-NB-SB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-ND Known	swelling (not application such Hyperkalemia-Hypoglycaemi). Fluid in abdomen NoS.Crystalluria, Elevated AT.Elevated SAP, Urine leakage, Elevated cholesterol (total). Hypokaleemia, Diarrineae Die tension of abdomen, Vomiting, Hepatomegaly, Polydipsia, Seizure NOS, Recumbency, Depressed reflexes, Urinary badder disorder NOS, Urolithaisis, Death by euthansiasi, Lethary (see also Central nervous system depression in Neurological). Abnormal test in Neurological/Jahonmania test	а	Romania. Vaccinated with Noblovac DNP and Noblovac L 4 on 11 Apr 2016. I. 50 un 2016 reported to have had a seizure lasting 4-50 seconds at Sam, a second seizure papened at 10.38 mc. Clinical exam showed that the dog was less reactive than normal especially on right hand side, Vet suspected disopathic epilepse; Bloods were carried out vLR PZ 2012 2-122, Alt T 55 (10-125), Globium's 1.1 (25-45), Chloride 107 (109-122). Diazepam rectal tubes were given. Owner reported that the dog had a cluster of seizures at 340pm. A specialist was consulted. Levelirecteral was started. Further Bloods carried out on 17 Jun 2016 Alt 762 (10-125) Altr 283 (12-121), Bille Acid tests were carried out but normal. 30 Jul 2016 Seizures is stingly but no reports of seizures for 3 weeks. The dog was referred to a specialist and started on Phenobarbita. Bloods showed ALX? 229 (25-212) 11 Jul 2016 the dog was seen at the referral partice, Cerebrospinal fluid was collected and was unremarkable, occasional struvter crystals in urne. 1 Aug 2016 ALX2 260 (22-212), Alt 75 (10-125). S Aug 2016 Phenobarbitone levels s 316-9-149 2-44 aug 2016 Riverved Julion (48-504) and Dromally wen as had adminose. 2 ACC 2016 presented as owner reports had a seiture in the day, owner concerned about a lump on right per scapular, suspected hymph node, had hymphadenoputhy in the part and assumed to be connected to day as a service of the control of the service of the control of the service of the control	Dobermann	48	for Dogs - 1400,N/A.N/A. 3,1400 mg 1 Animal (N/A. N/A)-RBRGRN-Drontal Plus Flavour Bone Shaped Tablets - 1.N/A.N/A ,24,1 Dose 1 Animal (23/08/2016- 23/08/2016)-RBRBBR-Noblwac DHP 1.N/A.N/A.J. (J. m1 1 Animal (11/04/2016-)-IN/A.N/A.J. (J. m1 1 Animal ,11/04/2016-)-IN/A.N/A.J. (J. m1 1 Animal ,11/04/2016-)-IN/A.N/A.J. (J. m1 1 Animal	O1 - Inconclusive	
Page	NOBIVAC L4		Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	1 01/01/	2016 Yes	Off colour,Death,Renal failure	No Data	Suspected Adverse Reaction. The case was found on a social media petition. "Stop-killing-our-pets". Limited information. On an unknown date, dog vaccinated with Nobbac L4. On an unknown date the dog became extremely ill and died of didney failure (unknown time association). No further information expected. Another dog owned by the same owner had an injection site swelling post vaccination. See linde dase: 2015-UN-02122. [Reason for use for product: Generic: LEPTO*4[CT_CAM_GRIPP_BRAT] KB. Brand: NOBIVAC L4 10XLDS 541. Reason: Vaccination.] (State of health: Unknown).	English Cocker Spaniel	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	
Part			Animal					1 1			haemolytic anaemia	Not Known	Two dogs belonging to the same owner had reactions post Nobbac L4 vaccination. One dog ded from ANIA and the another long was reported by the owner as developed an autoimmune slin disease. See likeled case: 2016-UF-06517. On an unknown date, dog vaccinated with Nobbac L4 and reported on an unknown date post vaccination that the dog developed auto immune hearnoylist, anaemia and ided (unknown if was euthanassed). Very limited details. No further information expected.	Other Canine/dog	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	
Page	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06127	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	Autoimmune disorder NOS	Not Known	Two dogs belonging to the same owner both had reaction post vaccination with Nobivac L4. One dog developed AlHA and the owner dog developed an unspecified auto immune skin disease. See linked case: 2016-UK-06126. Limited information. On an unknown date, dog vaccinated with Nobivac L4 (no other details available). On an unknown date, dog developed an auto immune skin disease (no details	Other Canine/dog	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
Column C	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06128	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Yes	Seizure NOS	No Data	Limited information. On an unknown date, dog vaccinated with Nobivac L4 (details unknown). On an unknown date, dog developed seizures and is now receiving medication for this. Reported that dog was	Other Canine/dog	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
Column C	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06129	Animal	Canine/dog	17 Month(s)	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	and 'Systemic disorders'), Urinary	Not Known	Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). On an unknown date, the dog collapsed but recovered from this however has ongoing incontinence and struggles to walk on	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
GBM/CLI GBM/ECMD-2026-UK-GSLI United Marked Current/ligo Mark Current/ligo	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06131	Animal	Canine/dog	8 Year(s)	10/11/2016	24/11/2016	1 1	1 10/11/	2016 Not Known	Death,Multi-organ failure NOS	Not Known	Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". On 10 Nov 2016, dog was vaccinated with second part of booster Nobivac L4 (details unknown). Reported on an unknown date, dog stated have all her internal organs fail and died (unknown details).	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (10/11/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
Column C	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06132	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	system depression in	Not Known	Suspected Adverse Reaction. The case was found on a social media petition. "'Stop-killing-our-pets". On an unknown date, dog was vaccinated with Nobivac L4 (details unknown), reported 20 days later stated that the dog nearly died but unknown clinical signs. Dog has no energy and been stated to have	Boxer (German Boxer)	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
DBIMAC L4 GBR AREXCRASD-2016-UK-06115 United Animal Camine/dog Not Known Camine/dog	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06133	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	1 01/01/	2016 Not Known	Renal failure,Death by euthanasia	Not Known	Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). Reported on an unknown	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
OBINAC L4 GBR-MERCOMSD-2016-UK-06136 United Animal Canine/dog Most Known 01/01/2016 24/11/2016 1 1 1 0 01/01/2016 Not Known 01/01/2016 1 1 1 0 01/01/2016 Not Known 01/01/2016 No	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06135	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	1 01/01/	2016 Not Known	Death	Not Known	On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). Reported on an unknown	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
CBINAL L4 GBR-MERCIANSD-2016-UR-06137 United Mingdom Not Mingdom	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06136	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	1 01/01/	2016 Not Known	Death	Not Known	On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). The owner reported that on an unknown date the dog died post vaccination (unknown details). No further information	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
OBIVAC L4 GBR-MERCIMSO-2016-UF-06138 United Mingdom Animal Canine/dog RM-Krown United Mingdom Not Net Network United Mingdom Animal Canine/dog RM-Krown United Mingdom Not Network United Mingdom Not Not Network United Mingdom Not Not Network United Mingdom Not	NOBIVAC L4		Animal	Canine/dog	18 Month(s)	01/01/2016	, , ,	1 1			anaemia	Not Known	Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). Reported that within days the dog developed immune mediated haemolytic anaemia (unknown exact details). No further information expected.	Springer	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	B - Possible	NCA agrees with the MAH assessment.
OBIVAC L4 GBR-MERCXMSD-2016-UK-06141 United Mingdom Mr. Canine/dog Not Known U1/01/2016 24/11/2016 3 3 3 0 0 1/01/2016 Not Known Unclassifiable adverse event Not Nown Material three suffered unspecified clinical signs and one nearly died (unknown date, pile with material three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified clinical signs and one nearly died (unknown date, pile three suffered unspecified unknown date, pile three suffered unspecified (unknown date, pile three suffered unspecified unknown date, pile three suffered unspecified (unknown date, pile three suffered unspecified unk	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06138	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	Diarrhoea		Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". Limited information. On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). Reported that post vaccination (date unknown) that dog developed severe diarrheea that required admission into the veterinary practice for intravenous fluid therapy and intravenous antibiotics. No		Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O1 - Inconclusive	NCA agrees with the MAH assessment.
OBIVAC L4 GBR-MERCIXMSD-2016-UK-06142 United Ringdom Vision Canine/dog Not Known U1/01/2016 V1/1/2016 1 1 0 01/01/2016 Not Known Addison's desase Not Known O1/01/2016 V1/1/2016 1 1 0 01/01/2016 Not Known O1/01/2016 V1/1/2016 Not Known O1/01/2016 V1/1/2016	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06141	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	3 3	0 01/01/	2016 Not Known	Unclassifiable adverse event	Not Known	Suspected Adverse Reaction. The case was found on a social media petition. ""Stop-killing-our-pets". On an unknown date, three puppies vaccinated with Nobiva L4 (unknown exact details). Reported that on an unknown date, all three suffered unspecified clinical signs and one nearly died (unknown	Other Canine/dog	Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
OBIVAC L4 GBR-MERCIXASD-2016-UK-06144 United Arimal Canine/dog Not Known U1/01/2016 1 1 0 01/01/2016 1 1 0 01/01/2016 Not Known Autoimmune disorder NOS Not Known U1/01/2016 Not	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06142	Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	Addison's disease	Not Known	Suspected Adverse Reaction. The case was found on a social media petition - "Stop-killing-our-pets". On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). On an unknown date,		Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
expected. 01/02/2010/08x2017	NOBIVAC L4	GBR-MERCKMSD-2016-UK-06144	 Animal	Canine/dog	Not Known	01/01/2016	24/11/2016	1 1	0 01/01/	2016 Not Known	Autoimmune disorder NOS	Not Known	On an unknown date, dog was vaccinated with Nobivac L4 (details unknown). On an unknown date,		Not Known	for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2016-UK-06147	United Kingdom	Animal	Canine/dog	8.5 Week(s)	27/11/2016	12/12/2016	1 1		8/11/2016	Yés, <b R> Yés</b 	Off colour Abnormal test result, Bloated Hypoalbuminaema, Hypoglycama, Hypoproteinaema, Elevated creatinine, Electrolyte disorder, Decreased red blood cell count, Decreased a haemoglobin, Decreased a cell volume (PCV), Elevated gammaghtamy it ransfersed picked cell volume (PCV), Elevated gammaghtamy it ransfersed (GGT), Monocytosis, Platelet disorder NOS, Decreased drinking, Bloody diarrhoea, Blood in vomit, Inappetence, Lethargy (see also Central nervous system depression in Naturnionical).	No Data	Supected Adverse Reaction. On 27 Nov 2016, puppy vaccinated with Nobivac DHP and Nobivac L4, fit: Glolden and well at time of vaccination. No other product given at the time. On 28 Nov 2016, presented as Retriever developed letahary, bloody damfroad, again yab domen and very list. No appetite and orlinking less and puppy given Cereila, Nutribo paste and Oralabe rehydration fluid. On 29 Nov 2016, presented again and admitted as deteriorated as more filt. Bloody ownth and diarrhea as well as still inapetance. Given Merrondizoile, Ranitidine, Cereila, Zinacef and given intravenous fluid therapy. On 1 Dec 2016, reported some improvement and blood sets performed: Blood given. 25 x 54 x 23, 10; cas 15 (27 x 106). GGT 3 (D-1), soldum 143 (145-157), total protein 25 48-71, albumin 12 (12-38), globulin 12 (23-38), Res C-47, 65-8-87, hematocint 20 x 10; 27-17.17, Monorcyles 131 (10.16-12), plateles 716 (148-484), Procalicionio 7.6 (D.14-0.46). Await further information. Follow up 12 Dec 2016 - reported that the durrhoea resolved quickly, puppy was due second vaccine so assumed to be fully recovered. Nothing further expected
	GBR-MERCKMSD-2016-UK-06193	United Kingdom	Animal		16 Week(s)		10/01/2017	1 1		1/11/2016	Known,
 > Not Known</br 	ataxia,Reduced growth rate	Not Known	Suspected Ahverse Reaction Vaccinated when 8 weeks of age (October 2016) with Nobivac DHP and Nobiva Ltd. Nobivac DHP - 1.N/A.N/A. 1,0,1 mt 1 B - Possible Amina (0.11/12/016)-BB-c8Th-Nobivac Lt Source Interpret Partice and had Chriphenamine. When the pupy was presented for a third Nobivac DHP on an unknown date, it was still ataxic, vaccine was not given. It was weighed at that time and noted to be a very mail pupy (0.727-ga) and not growing as he should. No further information available. Follow up 9 Dec 2015 - puppy is reported to be ataxic, due to be seen, open case and awas further information Follow up 10 also 2017 - owner reports that the dog has improved and fine in himself. Unknown if fully recovered. The owner does not wish to home the dose kin. Nobine fulther executed.
NOBIVAC 14	GBR-MERCKMSD-2016-UK-06195	United Kingdom	Animal	Canine/dog	3 Month(s)	23/11/2016	19/01/2017	1 1	1 2	7/11/2016	Not Known, BR> SBR> 	Found dead,NT - acute glomerulonephritis	Not Known	Suspected Adverse Reaction. On unknown date day accinated with an unknown vaccine against pannowins at a previous practice (details unswallable). Oz 3.09 x 0020, pupy vaccinated with Nobbxo CHP. Nob
	GBR-MERCKWSD-2016-UK-06239	United Kingdom	Animal	Canine/dog	4 Year(s)	30/11/2016	07/12/2016	1 1			Yes, Fes R> Fes Fes Fes Fes Fes Fes Fes Fes Fes Fes	Central nervous system depression in "Neurologica"),Not eating,Diarrheea,Not drinking	Not Known	Suspected Adverse Reaction. On 30 Nov 2016, 6 gloy accinated with booster of Noblavac Diff. Nobl
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06242	United Kingdom	Animal	Canine/dog	10 Week(s)	05/12/2016	19/12/2016	1 1	0 0	6/12/2016	Yes, <b< td=""><td>Reluctant to move Abnormal test result Increase de borborygmus, Intestinal disorder NOS, Depression, Diarrhoea, Distersi on of abdomen, Vomiting, Anaemia NOS</td><td>Not Known</td><td>Suspected Adverse Reaction Vaccinated with primary vaccine with Nobbac L0 on S Orosbred 70 Crosbred 70 Cros</td></b<>	Reluctant to move Abnormal test result Increase de borborygmus, Intestinal disorder NOS, Depression, Diarrhoea, Distersi on of abdomen, Vomiting, Anaemia NOS	Not Known	Suspected Adverse Reaction Vaccinated with primary vaccine with Nobbac L0 on S Orosbred 70 Crosbred 70 Cros
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06260	United Kingdom	Animal	Canine/dog	21 Month(s)	30/05/2015	10/01/2017	1 1	0 0	5/12/2016	NO, RX BR> BR> BR>NO	Lack of efficacy	Other	Sispected Efficacy for Lepto On 2 May 2015, dags vaccinated with first Notional DPF and Noblova LC, n. On See Spaniel 2016, dag presented as for the last week (exact date unknown) as developed off food, lethargic and jaunded. The dog was admitted for Intervenous fluid therapy, Norociva and underwork/holic acid. Blood tests were performed: WRC 25.5 (6-17), Lymphocytes 1.27 (1-4.8), Monocytes 1.18 (10.2-1.5.1), granulocytes 22-16 (12-1), Rec 25.5 (5-5.5), hemologion in 6 (12-18), ReV 42.5 (13-18), monocytes 1.21 (10.2-1.5), granulocytes 22-16 (12-1), Rec 25.5 (5-5.5), hemologion in 6 (12-18), ReV 42.5 (10.2-15), produptorus 2.5 (10.2-15
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06274	United Kingdom	Animal	Canine/dog	8 Year(s)	06/12/2016	08/12/2016	1 1	0 0	7/12/2016	Yes	Lethargy (see also Central nervous system depression in 'Neurological'),Decreased appetite,Vocalisation,Dyspnoea,He ad tilt - neurological disorder	No Data	Suspected Afwerse Reaction Vaccinated with second Nobivac Ld on 6 Dec 2016. Unknown date of primary vaccine. Reported on 8 Dec 2016 that had been letable; cumilling to earl, keyponecis and generally unveil since the 7 Dec 2016. In consultation the dog yelped but unable to elicit area of pain, seemed to settle in consult, gave Metacam and sent home. Nothing further expected. Follow up 13 Dec 2016 - owner reported better after Metacam. The dog had a head tilt after the vaccination also, Vet suspects switthing reported.
NOBIVAC L4	GBR-MERCKNSD-2016-UK-06301	United Kingdom	Animal	Canine/dog	8 Week(s)	05/12/2016	12/01/2017	1 1	1 0	6/12/2016	Yes, <br< td=""><td>Injection site abscess/injection site havenatoma. Jujection site odema. Jnjection site odema. Jnjection site iumpl.ymphocytosib.Death,Liver degeneration.Abnormal necropsy finding</td><td>No Data</td><td>Supported abeview reaction. A make Pointeration dog approximately & weeks old was microchipped and varieties and the provision of the process of the process</td></br<>	Injection site abscess/injection site havenatoma. Jujection site odema. Jnjection site odema. Jnjection site iumpl.ymphocytosib.Death,Liver degeneration.Abnormal necropsy finding	No Data	Supported abeview reaction. A make Pointeration dog approximately & weeks old was microchipped and varieties and the provision of the process

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NOBIVAC L4	GBR-MERCKMSD-2016-UK-06313	United Kingdom	Animal	Canine/dog	4.1 Year(s)	08/12/2016	09/12/2016	1	1 0	08/12/2016	Yes, <b R> Yes, Yes</b 	Pale mucous membrane, Diarrhoea, Vomiting, Off colour, Weak pulse	No Data	Suspected Adverse Reaction Vaccinated with Nobiwa: KZ, Nobiwa: L4 and Nobiwa: DHP on 8 Dec 2016. Within 5 minutes the Guy was very quick, white mucous membranes, thready pulse, vomited and diarrhoea. Dexadresion was given, 15 minutes later remained pale but was brighter 25 minutes post vaccine. Nothing further expected.	Crossbred	5.1	Nobiva DHP - 1,N/A,N/A, 10,1 ml 1 Animal (08/12/2016- 08/12/2016-)RR>-RB>Nobivac KC - 4,N/AN/A, 10,0.4 ml 1 Animal (08/12/2016-)RR>-RB>Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A, 10,1 ml 1 Animal (08/12/2016-08/12/2016)-RB>-RB>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXXXSD-2016-UK-06419	United Kingdom	Animal	Canine/dog	9 Month(s)	06/06/2016	15/12/2016	1	1 1	17/11/2016		Death by euthanasia, Lack of efficacy (parvovirus)	No Data	Saspected Lick of Expected Efficacy for pano. Vascinated from rehoming centre with second Nobbac Diven on 18 May 2016, pervious vaccine gene releavable, rudinovan dates, second succine with Nobbac Lick on 6 Jun 2016. 17 Nov 2016 vomiting for 24 hours, depressed, off colour, blood stained faces on themmometer, not dehydrated. Carprofer and Cerenia. 2 Nov 2016 fresh blood in frasees, watery distribes, Protein dispensed and relatively bright. 22 Nov 2016 off flood, no more haemonrhagic distribes, but quite, not extend rothing, mucous membranes pale, abdomes one can apainful, glerno distribes, but quite, not extend rothing, mucous membranes pale, abdomes one and painful, glerno distribes, not vanishing, and protein protein painful. Admitted for Y fluids. Radiographs show gasty intestities Phistory of screenings and barium was given and appeared to be moving abone, Started and screening of the protein painful painful protein painful	Schnauzer	7.8	Nebbac 0HP - 1.N/AN/A J.0.1 ml 1 Animal (18/05/2016)-RB-Nebbac L4 Suspension for Injection for Days Suspension for Injection for Days 1.N/A,N/A 1.0.1 ml 1 Animal (D6/06/2016-06/06/2016)-BRBR-	N Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06436	United Kingdom	Animal	Canine/dog	2 Month(s)	04/12/2016	16/12/2016	1	1 0	15/12/2016	Yes, <b R>BR>Yes</b 	Selzure NOS	No Data	Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 4 Dec 2016. Presented on 15 Dec 2016 as had a seizure at home. No abnormalities on exam or bloods. Owner was due to bring the dog back again but refused, owner believes it is the Nobivac L4. Nothing further expected.	Labrador Retriever	6.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (04/12/2016- 04/12/2016) 04/12/2016-BN-SBR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (04/12/2016-04/12/2016) SBR>-BR>-BR>-BR>-BR>-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-	N - Unlikely	Not a close time association, and clinical signs unexpected. Many other causes of convulsion in a young dog.
NOBIVAC L4	GBR-MERCIXMSD-2016-UK-06474	United Kingdom	Animal	Canine/dog	10 Year(s)	30/04/2016	10/01/2017	1	1 0	24/05/2016	Not Known, Known, SR> YES, YES, SR>>BR>>BR>>BR>>BR> Known	Lack of efficacy, Lack of efficacy (endoparasite NOS)	Not Known	Sapected Lack of Expected Efficacy for Legio and for Panacia Viaccinized with primary Nobine L4 on 30 Apr 2016 and Nobine Ti. 24 May 2016 be dog had a dread and ore general anisethetic Moods were carried out, ALKP high, on resulf supplied. Second Nobbiac L4 was given on 27 May 2016. 24 Iun 2016 ALKP 8000 no range supplied, 31 February 19 Aug 2016 Ultrasound carried out, showed diffuse heptamegals, vapolicous panreas is prominent, started on Demansira and Destal 21.5 Sept 2016 ALKP 8000 flor orage supplied) 30 Sept 2106 Nemorine, started on Demansira and Destal 21.5 Sept 2016 ALKP 3000 flor orage supplied) 30 Sept 2106 Nemorinegals distribes, started on Prokolin and Symulox. 11 Oct 2016 Genging distribes, seal sample set away and showed Gardia and positives (Bardia Panaciar) and Carried Sept 2016 Sept 10 Sept 2016 Sept 10 Sept 2016 Sep	West Highland White Terrier	9.45	Noblact L4 Supervisor for Injection for Opes _1NJAM_0_10_1 ml _	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06480	United Kingdom	Animal	Canine/dog	13 Year(s)	06/07/2016	16/01/2017	1	1 1	19/07/2016		Heart failure, Heart disorder aggravated, Heart murmur, Cough, Death by euthanasia, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Lung sound, Respiratory signs, Heart valve disorder, Abnormal ultrasound finding	Not Known	Suspected adverse reaction Vaccinated in 2016 with Nobivac L4 (exact date unknown) I then the dog became unwell (I the frame is unknown) on investigation in I had crackles on its lung and was found to have advanced heart disease. Open case, awalf further information Dog was vaccinated in 2015 with Nobivac L4 and became II, see case 2016-VIG-6078. Follow p 21 2 an 2017 - Vescinated with Nobivac DHP and Nobivac L4 on 6 iul 2016. 19 iul 2016 reported to be not right, coughing and respiratory problems at home, guidt and lethrage (On examination there were Crackles vertical lung fields and a loud systolic heart murmur. Ultrasound was carried out and showed an enlarged atrium, mitral valve thickening and severe heart failure. The dog was euthanseed on 51 iul 2016. No post morten has bee carried out and nothing further expected. Follow up 16 Jan 2018 - No further information received. VeCIDIA Code ² showman ultrasound infamilier "addect. Lase clothers".	Other Canine/dog	9.15	Nobivac DHP - 1.N/A.N/A.10,1 ml 1 Animal (06/07/2015- N/A) BR>~8R>Nobivac L4 Suspension for injection for Dogs - 1.N/A.N/A.10,1 ml (06/07/2016- 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06481	United Kingdom	Animal	Canine/dog	3.7 Month(s)	19/12/2016	20/02/2017	1	1 0	19/12/2016	Known,
 Yes, <b< td=""><td>Miscellaneous eating disorder NOS,Biting - aggression (see also Sikin and appendages disorders'),Bitindress,Strabismus,Circ (ing - neurological disorder (see also 'Behavioural disorders'),Localised pain NOS (see other 'SOCs' for specific pain),Foaming at the mouth,Head pressing</td><td>No Data</td><td>Suppected Adverser Reaction. On 19 Dec 2016, dog vaccinated with second part of primary course of Nolbwac DPP and Nobbwac L4, also given half a Millemant table. It at mode will at time of vaccination. Reported 5-6 hours later dog presented with neurological signs: frothing at the mouth, biting, strabismus in right eye, circling, head pressing, difficulty eating, pain in dorsal movement of neck and potentially blind. Ghove headerson and admitted for observation. On 20 Dec 2015, the dog had improved enough to be sent home. That evening, presented again as clinical signs had all come back and was given Decaderson and admitted for observations. On 20 Dec 2016, the dogs thad clinical signs and later that evening was sent home with a course of predisciolene. Await further information. Trollow up 5 Jan 2017 - ongoing neurological signs particularly rafer feeding, suspected liver shurt, awaiting results of blood tests. Owner is considering euthanssia.</td><td>Maltese</td><td>1.03</td><td>Millemax unidentified - 5,N/AN/A ,24,0.5 Dose 1 Animal (19/12/2016- 19/12/2016/SRP~RB»-Notbvac OHP- 1.N/AN/A,10,1 ml 1 Animal (19/12/2016- 19/12/2016/SRP~SRP>Notbvac L4 Suspension for Injection for Dogs- 1.N/AN/A,10,1 ml 1 Animal (19/12/2016-19/12/2016)-SRP~BR></td><td>B - Possible</td><td>Temporal association between administration and reaction is very storing 6 hours, therefore even if reaction is very storing 6 hours, therefore even if renoulogical jags and one depected, a product involvement carnot be excluded. Administered concurrently with other 2 products</td></b<></br 	Miscellaneous eating disorder NOS,Biting - aggression (see also Sikin and appendages disorders'),Bitindress,Strabismus,Circ (ing - neurological disorder (see also 'Behavioural disorders'),Localised pain NOS (see other 'SOCs' for specific pain),Foaming at the mouth,Head pressing	No Data	Suppected Adverser Reaction. On 19 Dec 2016, dog vaccinated with second part of primary course of Nolbwac DPP and Nobbwac L4, also given half a Millemant table. It at mode will at time of vaccination. Reported 5-6 hours later dog presented with neurological signs: frothing at the mouth, biting, strabismus in right eye, circling, head pressing, difficulty eating, pain in dorsal movement of neck and potentially blind. Ghove headerson and admitted for observation. On 20 Dec 2015, the dog had improved enough to be sent home. That evening, presented again as clinical signs had all come back and was given Decaderson and admitted for observations. On 20 Dec 2016, the dogs thad clinical signs and later that evening was sent home with a course of predisciolene. Await further information. Trollow up 5 Jan 2017 - ongoing neurological signs particularly rafer feeding, suspected liver shurt, awaiting results of blood tests. Owner is considering euthanssia.	Maltese	1.03	Millemax unidentified - 5,N/AN/A ,24,0.5 Dose 1 Animal (19/12/2016- 19/12/2016/SRP~RB»-Notbvac OHP- 1.N/AN/A,10,1 ml 1 Animal (19/12/2016- 19/12/2016/SRP~SRP>Notbvac L4 Suspension for Injection for Dogs- 1.N/AN/A,10,1 ml 1 Animal (19/12/2016-19/12/2016)-SRP~BR>	B - Possible	Temporal association between administration and reaction is very storing 6 hours, therefore even if reaction is very storing 6 hours, therefore even if renoulogical jags and one depected, a product involvement carnot be excluded. Administered concurrently with other 2 products
	GBR-MERCKMSD-2016-UK-06483	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	21/12/2016	50	10 5	01/01/2016	Not Known	Injection site pain,Seizure NOS,Death	Not Known	Suspected Adverse Reaction-Limited information Vet reported that they had observed death of a litter of puppies (estimated 5), stinging at vaccine site (estimated 1) and seizures (reported 3-4 dogs) after Nobiwac L4. No further details are available, unable to gain any further information and nothing available on specific cases despite numerous attempts. Nothing further expected,	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016- 01/01/2016) BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2016-UK-06506	United Kingdom	Animal	Canine/dog	3 Month(s)	25/11/2016	23/12/2016	1	1 0	29/11/2016	Known	Diarrhoea, Lethargy (see also Central nervous system depression in 'Neurological'), General illness	Not Known	Suspected Alverse Reaction Vaccinated with Nobbiac L4 and Nobbiac DHP on 25 Nov 2016. Presented with profuse diarnose and very list on 25 Nov 2016. Foreign body was suspected and hospitalisate. Nothing to detect that a foreign body was present and the puppy recovered over a few days. Unknown exact date of recovery. Yet reports the dogs not right generally and suspects a CNS brain lesions. Advised MRI. Puppy is due second Nobbiac L4. Nothing further expected.	Cavalier King Charles Spaniel	Not Known	Nobivac DHP - 1,N/A,N/A,1D,1 ml 1 Animal (25/11/2016- 25/11/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,1D,1 ml 1 Animal (25/11/2016-25/11/2016)-BR>>BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06521	United Kingdom	Animal	Canine/dog	3 Month(s)	28/11/2016	10/01/2017	1	1 1	28/11/2016	Yes, <b R> Yes</b 	Death by euthanssia,Pyrexia,Abnormal test result,Eone marrow disorder NOS,Dull	No Data	Suppert adverse reaction: A three month old female coller received her second vaccination of the primary course on the 28th of November 2016 using hobbar DePha and L. A few hours later, the owners reported that the pup became dulf. Temperature was 40°C. Treatment with non-steroidal anti- rell/mamatory dugs was administered in the puppy had a similar persolot al 1 days after her first vaccination was administered on the 3rd of November 2016 using Nobbac DHPPI and L.R. Follow up on 32 bec 2016: Diagnostic work up reveled a diagnosis of trapped netroprisil syndrome. Deg was euthanased on the 22 December 2016. No more information is expected. Follow up 10 Jan 2017: Case linked to 2015-Life-1039 as a similar reaction was seen after the first vaccination also. No more information expected.	Other Canine/dog	3	Nobivac DHPPi, Lyophilisate and Solvent for Suspension for Injection for Togs - 1,N/A/N, A/N, A/I Vial/Ampoule(s) 1 Animal (28/11/2016)-BR-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A, 2,4,1 Vial/Ampoule(s) 1 Animal (28/11/2016)-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	O1 - Inconclusive	Although the presence of an underlying condition was the liely arthough or enthanasis, there was a close temporal association between the onset of some of the ymptoms and both the first and section of vaccinations. Therefore, vaccine involvement cannot be naled out in this case.

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NOBIVAC L4	GBR-MERCIMISD-2016-UK-06531	United Kingdom	Animal	Canine/dog	3 Year(s)	14/12/2016	05/01/2017 28/02/2017	1 1	1 28/12/201	6 Yes, Yes, PYes, >R>Yes, >BR>Yes, >BR>Yes, BR> Not Known	Low platelet count, Neutrophilia, Melaena, Vomiti ng, Blood in vomit, Collappe (see also Cardio-vacular and Vsystemid dsorders'), Death by euthanasia, Off colour, Not sating, Dehydration, Mouth pain, Hypopotte insemia, Jimmun erdialated thrombocytopenia, Decreased packed cell volume (FCV), Enlarged brench note flora lisent Lack of efficacy.	Not Known	Suspected Adverse Reaction. On 14 Dec 2016, dog vaccinated with Nobivac DIPP, Nobivac L 1 and Nobivac CND. Plobly act L 2 and Nobivac CND. Plobly act L 2 and Nobivac CND. Plobly act L 2 and	Lakeland Terrier		Nobisac DHP - 1.N/A/N/A (J.D.I ml 1 Amimal [14/12/2016-6] 14/12/2016-6]RS-NoBis-Nobisac KC - 1.N/A/N/A, 24, 10 lose 1 Animal (14/12/2016-18)-8RS-Nobisac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 10,1 ml 1 Animal (14/12/2016-14/12/2016)-8RS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-B	B - Possible B - Possible	NCA agrees with the MAH assessment. NCA does not agree with MAH assessment. Symptoms
		United	Anmai	Canine/dog	1.3 Year(s)	29/12/2015	28/02/2017	1 1		R> Not Known		Known	On 29 Dec 2015 vaccinated with second dose of Nobivac 14. On 9 Jan 2016, dog womited since 6 Jan 2016 and presented with no abnormalities and was given fremperiol rijection. On 25 Feb 2016, developed distribes at that occasionally had mucous and was also lethrange. Presented same day, adabomen noisy and was given Amonyacies imjection and Emperiol rijection. On 12 Mar 2016, distribed has occurred again and vomited once. On examination had noisy stomach sounds and lethrange. Given Empedial rijection and crist suggestion to go home with. The dog was sent that evening to emergency practice as deteriorated but unknown details. On 15 Mar 2016, stools have returned back to normal. On 27 Jul 2016, dog developed distribed and given long lost 155 (pp. 0.7 sp.) Jul 2016, Stools have returned back to normal. On 27 Jul 2016, dog developed distribed and given long lost 155 (pp. 0.7 sp.) Jul 2016, Stools have returned back to normal. On 27 Jul 2016, dog developed distribed cogling. Presented and no abnormalities detected. On 25 Not 2016, dog and Pro-Bind. On 3 Dec 2016, reported that an 2 Dec 2016 feb og was vontiling and was lethrangic. Normal fances was passed. On clinical examination had tacky mucous membranes, mild weight loss and ethydration. Bot pector ethydrology and self-valued control and pro-Bind. On 3 Dec 2016, reported that on 2 Dec 2016 feb og was vontiling self-on a rehydration solution and Zitac tablets. On 9 Dec 2016, who they have represented to have also extend adel devinous. Reported that was one country that the control and	wnippet		Suspension for Injection for Dogs - 1,1/N/N/A), 210 ml 1 Animal (19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/27015- 19/1/2/2/27015- 19/1/2/2/27015- 19/1/2/2/27015- 19/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2		ore-dated PCR result and were seen within the year when immunity should be conferred. Await further information.
NOBIVAC L4	GBR-MERCIONISD-2016-UK-06551	United Kingdom	Animal	Canine/dog	6 Month(s)	05/10/2016	04/01/2017	1 1	0 22/12/201	6 Yes, <b R>>BR>>BR>Yes, >BR>>BR>> BR>>BR>Not Known</b 	Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy, On 9 Aug 2016, dog vaccinated with Noblwac ENP and Noblwac L4 (dog was exactly 10 weeks of age at this point), on 5 Co 120, 65 og vaccinated with Noblwac L4 and Noblwac KC. On 22 Dec 2016, dog developed lethargy, vomiting and diarrhoae. On 24 Dec 2016, presented with Centical signs and admitted for intravenous fluid therapy and unspecified supportive treatment. On 27 Dec 2016, faced is ample sent to an external laboratory and results positive for Parovirus antigen. On 30 Dec 2016, the pup is recovering well and has passed firm facesc. Unknown the puppy's origin prior to ownership. The puppy had had Versican vaccine but unknown what vaccine and the details of when. No further information expected, Follow up 4 an 2017-intropy received stated that the puppy was vaccinated with Noblwac L4 and Noblwac KC on 5 Sept 2016, so the 5 Oct 2016 as previously reported above. Reported to be fully recovered and had further vaccines on unknown dates and no reactions observed. Nothing further expected.	Crossbred	8.8	Nabbac DHP - 1,N/A,N/A, 10.1 ml 1 Animal (09/08/2016- 09/08/2016-BR-SBR-Nobivac KC - A,N/A,N/A, 10.0.4 ml 1 Animal (05/10/2016- 05/10/2016-BR-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 2.0.2 ml 1 Animal (05/10/2016-05/10/2016)-BR-SBR-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2016-UK-06556	United Kingdom	Animal	Canine/dog	2 Year(s)	31/08/2016	29/12/2016	1 1	1 06/10/201	6 Not Known	Death by euthanasia, Seizure NOS	Not Known	Suspected Adverse Reaction Vaccinated with Nobbwc L4 on 31 Aug 2016. Primary course with same vaccine given on 3 Aug 2016. 6 Oct 2016 peropted to have 1 seture. Estimined and no abnormalities, bloods were carried out with no abnormalities. Reported another sisture on 6 Dec 2016 and 31 the moming of presentation on 22 Dec 2016. Set suspected Egillepsy and the dog was taken to the car when it had another seizure, owners opted for euthanasis. No post mortem was carried out, nothing father experted.	Shetland Sheepdog	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (31/08/2016- 31/08/2016) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-E5-00325	Spain	Animal	Canine/dog	4 Month(s)	13/02/2017	29/03/2017	1 1	0 21/03/201	7 Yes, BR>BR>Not Known, 	Lack of efficacy (panrovirus)	Not Known	Sapected Lack of Expected Efficacy for parvoon 16 Jan 2017, dog vascinizated with Noblace LIP and Noblace LLA on agrorismized by 31 and 2017, dog was vascinized with Noblace LIP and Noblace LA may be a served to the served to	Labrador Retriever	12.92	NOBINAC DIP-1N/AN/A 1.01 m1 Amimal (16/01/2017- 16/01/2017- 16/01/2017-(8R-NB-NOBINAC L4 SUSPENSION INVECTABLE PARA PERROS-1.N/AN/A 1.0.N/A (13/02/2017- 13/02/2017-8R-NB-NOBINAC RABINAC AMIMA) (10/04/2017-30/01/2017-8R-SB-NOBINAC RABIA-1.N/AN/A, 1.0.N/A (30/01/2017-30/01/2017)-8R-SB-NOBINAC RABIA-1.N/AN/A, 1.0.N/A (30/01/2017-30/01/2017)-8R-SB-NOBINAC RABINAC NBAN-ANIMA (30/01/2017-30/01/2017)-8R-SB-NOBINAC RABINAC		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00013	United Kingdom	Animal	Canine/dog	6 Month(s)	01/09/2016	03/01/2017	1 1	0 24/12/201	6 Yes, <b R>BR>BR>Yes, CBR>CBR> BR>CBR>CBR> Known</b 	Lack of efficacy (parvovirus)	Not Known	Sapperted lack of expected efficacy. Vaccinated not A May 2016 with Nobius CHPF and I.A. Then again had a Nobius NEW not in 84 Ago 2016. Note 184 accord Nobius CA on 15 exp 2016 and a Nobius XC Not 3 Sep 2016. And the 2016 seen with a cute vorniting and a small amount of diarrhoea. Very quiet. The puppirs is accereging ruding examination was parting as for that a heart rate of 120 th emperature 38.7. X rayed this showed gas in the intestine. She was given intravenous fluids and Methadone and bappromphine. She was girely it achieve. Performed a pairs or superior tool pastoromy under general anaesthetic. Inflammation of intestines was noted, no foreign body found. Passed Heemorrhagic diarrhoes. They performed a pairs or super test which was positive. Placed the orn /rayed an announced and memorities of the superior superi	Old English Sheepdog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml [18/08/2016-BN-DBR-NBB-Nobivac KC - 1,N/A,N/A,24,1 Dose (08/09/2016-BN-DBN-DBN-DBN-DBN-DBN-DBN-DBN-DBN-DBN-	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-00018	United Kingdom	Animal	Canine/dog	4.1 Year(s)	27/04/2016	03/01/2017	1 1	0 22/12/201	6 Yes, <b R> Not Known</b 	Lack of efficacy (parvovirus)	Not Known	Supected Lack of Expected Efficacy. On 27 Apr 2016, dog vaccinated with booster of Nobiaco CHPPS and Nobiaco L1, on this examination the owner reported that dog has started drinking more than normal (unknown when first started!) On 22 Dec 2016, dog developed vornling, On 22 Dec 2016, dog presented with mild abdominal pain, on diagnostic investigation gas dislated loops in bowel were seen. The dog had an exploratory laparatoring performed and flowed mesenteric lymph mode was very enlarged but no foreign body. The caecum was distended and inflamed. A faceal snap test for paravoriums was performed and showed positive for Paravoriums. The dog was hospitalised for unspecified supportive treatment. On 3 Jan 2017, reported doing well. No further information sepected.	Labrador Retriever	30.05	Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - 1,N/N/A,1,0,1 ml 1 Animal (27/04/2016-27/04/2016)-BR>-BR>-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (27/04/2016-27/04/2016)-BR>-BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIONISD-2017-UK-00028	United Kingdom	Animal	Canine/dog	3 Month(s)	22/12/2016	10/01/2017	1 1	1 30/12/201	6 Yes, Yes,< BR> BR>BR<BR<	Leucoryouis, Neutrophilla, Jornitin, Death by euthnasi, Decreased appetite, Depression, Off colour, Ahoromat test result, Elevated BUN, Elevated creatinine, Elevated BUN, Elevated total bilimbin, Elevated total bilimbin, Elevated amylase, Elevated gamma-glutanyl transferase (GGT), Monocytosis	g No Data	Vaccinated on 23 Nov 2016 with Nobinac DIPP and L1 then developed a sore tail on 7 Dec 2016 see Case 2017-LIV.COOM. Was vaccinated regardless on 7 Dec 2016 with Nobinac L109. Then 20 22 Dec 2016 with Nobinac L1. Seen on 31 Dec 2016 depressed, had been womiting and off colour on 30 Dec 2016. Had eaten slightly less and was despersed. No foreign body was palaquable, they placed the dog on a drip and gave It Cerenia and Zantac. Temperature was 38.2. Bloods were taken which showed. Unea 30.1 25-10, Clerco 10ff the scale unable to record as so, high. ALT 407 GF 257 AMF 2104 (He 337) MCV 51.8 (B.G. 7-3.5) MCV 18.1 (12.2-25.9) RDW 29 (13.6-21.7) MPG I.S. 15; G.O-51.67) Neu 1418 (2.5-11.64) mov 2.38 (J.G.1-1.1) ES 00.00 (J.G.G1.2) Bloods taken on 11 and 2017 Urea 2-64. (2.5-10.0, Crea [off scale unreadable] Pros >5.2.0(1.6-3.3) AlT 122 (6.7-3) AMP 399 (46-337) GT 17 (0.7) BILT (7.0 (14) mrt 1593 (300-300) (juses 278; [J.G. 10.50)) No other clinical history is known but the dog was euthanased on 1 Jan 2017 and buried at home no post mortem has been performed. Open case awaff unre information. Follow up 10.10 and 2017 is BIOD CFC positive for lepto, no servour carried out. No post mortem was carried out, nothing further expected.	Labrador Retriever	9.2	Nebbac DHP - 1,N/A/N,1 0,1 ml (2/3/11/2016) 2/3/11/2016	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-00044	United Kingdom	Animal	Canine/dog	4.4 Year(s)	27/12/2016	24/05/2017	1 1	. 0:	29/12/2016	Yes	Hypersalivation,Loose stool,Bloody diarrhoea,Lethargy (see also Central nervous system depression in 'Neurological'),Blood in vomit,Inappetence,Vomiting	No Data	Suspected Adverse Reaction. On 27 Dec 2016, dog vaccinated with second dose of Nobivac L4. On 29 Dec 2016, dog developed womting, On 31 Dec 2016, presented with bloody vomiting and distribes. Blood tests were performed but no abormalities were detected. The dag was admitted and started intravenous fluid therapy, manopitant, metronidazole, omeprazole and buprenorphine. On 2 Jan 2016, dog was sent home on metronidazole. On 4 Jan 2016, dog still has soft faces but of their clinical signs have resolved, continued metronidazole and probotics. No Horther information expected. Follow 24 May 2017. Reported that post vaccination of Nobivac L4 on 27 Dec 2016, a few days later developed lethangy, poor appetite, droning, vontiting and bloody distribuses. The clinical signs resolved developed lethangy, poor appetite, droning, vontiting and bloody distribuses. The clinical signs resolved	Miniature Schnauzer	9.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (27/12/2016-27/12/2016) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00052	United Kingdom	Arimal	Canine/dog	11.42 Year(s)	29/12/2016	13/03/2017	1 1	1 4	02/01/2017	Yes, GR>-GR>-GR>-Not R>-GR>-Mon	Abnormal recropsy fronting Hypoxia Decreased harmoglotin Juli Jahormal pouter & Korney (2015). Pagis List, Jaiject Barbong (2016). Pagis L	Not Known	and 2 Jan 2017. Suspected Adverse Reaction. On 29 Dec 2016, dog vaccinated with booster of Nobivac DHP and Nobivac L4 and no other products given. On 2 Jan 2017, presented with a swollen dorsal neck and shoulder (liquiction step), districted and disconfident of the Che of the Grant of the Che and the Che of the Che of the Che of the Grant of the New Horld water and reagragated it up immediately; Our examination was inappetant, duit, reluctant to stant, pully of check and the Che of the Che	Bull Terrier	26.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (29/12/2016- 29/12/2016)-Ren-Shvblovac L4 Supplementary (19/12/2016)-Ren-Shvblovac L4 Supplementary (19/12/2016)-Ren-Shvblovac L4 Supplementary (19/12/2016)-Ren-Shvblovac L4 Supplementary (19/12/2016)-Ren-Shvblovac L4 (19/12/2016-29/12/2016)-Ren-Shvblovac L4 (19/12/2016-29/12/2016-29/12/2016)-Ren-Shvblovac L4 (19/12/2016-29/12/2016-29/12/2016)-Ren-Shvblovac L4 (19/12/2016-29/12/2016-29/12/2016)-Ren-Shvblovac L4 (19/12/2016-29/12/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2016-29/2	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00056	United Kingdom	Animal	Canine/dog	8.9 Year(s)	14/12/2016	04/01/2017	1 1	. 1	20/12/2016	Yes, <b R>BR> Yes, BR> Known</b 	Death	Not Known	Suspected Adverse Reaction. On 14 Dec. 2016, dog vaccinated with first restart vaccination Nobbuc DPN, Robbuc L4 and Robbac KC and on information given noting "sclinical examination at vaccination. On 19 Dec. 2016, the dog went into kennelling (owner aware that had not had second Nobbuc L6 for full wore). On 20 Dec. 2016, the dog was found used and its kennel and no post morteen examination was carried out and has been cremated. The cause of death is unknown. The owners to both edg own to the same kennel, and died as well. This dog was diagnosed with gastric torsion and an an infection with strep/Pseudomonas and Pasteurella (suspected pneumonia). See linked case: 2017- UK-00058.	Akita	43.3	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (14/12/2016- 14/12/2016-18R-SBR-Nobivac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (14/12/2016)-SBR-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (14/12/2016-14/12/2016)-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-00058	United Kingdom	Animal	Canine/dog		14/12/2016	04/01/2017	1 1			Yes, KBR>KBR>Yes, 	Bloated stomach,Uncoded sign,Breathing difficulty,Death,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Fixed pupil,Gastric torsion,Cardiac arrest	Not Known	Siapected Alverse Reaction. On 14 Dec 2016, dog vaccinated with first restart vaccination Nobbac DMP, Nobbac L4 and Nobbac XC and on information given on only "clinical examination at vaccination. On 19 Dec 2016, the dog went into kennelling (owner aware that had not had second Nobbac L4 for full cover). On 20 Dec 2016, dog was found collapsed with a bloated abdomen after feeding and was nobed to emergency practice. On admittance the dog was semi collapsed, fixed pupils, gasping given oxygen therapy and intravenous fluid therapy. The dog went into cardiuc arrest, unable to the resuscitated and ded. Cultives taken from the dog's endostracels tube showed strep/Pseudomonas and Pasteurella so pneumonia is suspected. The radiographs indicated gastric torsion and no further investigation to be taken place. No fluther information expected. The owners other dog on 20 Dec 2016, was found dead in its kennel, cause of death is unknown. See linked case: 2017-11-K00056.	Akita		Nobiwac DHP - 1,N/A,N/A, 10,1 ml 1 Animal [14,12/2016- 14/12/2016-(BR->CBR-Nobiwac KC - 4,N/A,N/A, 10,0.4 ml 1 Animal (14/12/2016- 14/12/2016-BR>>Supersion for Injection for Togs - 1,N/A,N/A, 10,1 ml 1 Animal (14/12/2016-14/12/2016)-BR>>BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00064	United Kingdom	Animal	Canine/dog	3 Month(s)	08/12/2016	04/01/2017	1 1	. 014	08/12/2016	Not Known,
BR> Yes, Yes</br 	Facial swelling (see also 'Skin'),Swollen eye	No Data	Suspected adverse reaction Naccinated on 10 Nov 2016 with Nobbac DNP and L4 at the time had a ea infection, was given canaural unknown langield. Then on 86 ec 2016 with Nobbac Paron C and L4. Then 30 minutes later the dog had swollen eyes and muzzle, was returned to the practice and they treated it with dexadesson, then it recovered. No more information expected	r Crossbred	4.4	Nobiwac DHP - 1,N/A,N/A,10,1 ml (10/11/2016-10/11/2016)-BR> Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (08/12/2016-08/12/2016)-BR> Nobiwac Parvo-C - 1,N/A,N/A,10,1 ml (08/12/2016-08	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00075	United Kingdom	Animal	Canine/dog	1 Year(s)	14/03/2016	04/01/2017	1 1	. 1:	29/12/2016	Yes, <b R> Not Known</b 	Death, Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy Vaccinated with Nobivac DHPPI and Nobivac L 0. on 14 Mar 2016. Unknown Inframary vaccine. 240 Ct 210 End beg has had keened cough, temperature 103 Farherheit, treated with Synulou, Metacan and Clavaseptin. 29 Oct 2016 doing well however a slight cough cremains 29 Dec 2016 womlet and dishrinces form 28 Dec 2016. Treated with Synulou, Vetregesia of Cereins, temperature 103.8 Fahrerheit, admitted and placed on intra venous fluids, Parvo snay test positive. 30 Dec 2016 passed large amount of vartery blood, diarrheae, coultiend treatment and added on Metronidazole. 31 Dec 2016 vomited 3 times, treated with Metoclopramide. Passed alot of diarrheae, couling sighthy and drooling. Temperature 103.8 Fahrerheit. 11 and 2017. 3 Sham vomited and passed watery diarrheae, Sann dog comfortable with no further vomiting and diarrheae. At 9. 30ar the dog was found dead. No post mortem was carried out. Nothing further expected. Practice reported other cases for Parvo SLEE-see linked cases 2016-UK-05561 and 2017-UK-00073	Weimaraner	26.6	Nobiac DHPP, lyophilisate and solvent for supersion for injection for dogs - 1,N/A,N/A, 1,01 ml 1 Animal 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 14/03/2016- 18R> 6RP>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2027-UK-00076	United Kingdom	Animal	Canine/dog	10 Year(s)	22/12/2016	01/02/2017	1 1	. 1	22/12/2016	Not Known	Prolonged bleeding NOS-Stemornhage NOS-Stemornhage NOS-Spitans-Stemornhage NOS-Spitans-Stemornhage NOS-Spitans-Stemornhage NOS-Spitans-Stemornhage NOS-Spitans-Stemornhage NOS-Spitans-NoS-Spitans-NoS-Spitans- NoS-Spitans-NoS-Spitans-NoS-Spitans- NoS-Spitans-NoS-Spitans- NoS-Spitans-Nos-Spitans- Nos-Spitans-Nos-Spitans- Nos-Spitans- Nos-Spitan	Not Known	Siaspected Alverse Reaction. On 22 Dec. 2016, dog vaccinated with second dose of Nebbact. A. On 3 and 2017, presented as dog has been goaling and abdominal disconfort for 2 weeks after vaccination. On examination on abnormalities were detected but owner reported blood from mouth recently (unknown date) and was given as course of artibiotics. Blood tests: granulous(set 12.31,33–131) Alt 311 (20-150) and sodium 137 (138-160). On 4 Jan 2017, presented and had a bruise in right inguine region, wound on inside of lip that took age to stop beleding. A fine needle aspirate was taken of stemal mass which was a lipoma, after the aspirate the site continued to bleed and a pressure bandag was applied. Ogo started ASSD0 for artistic. On 51 and 2017, gib bleeding from the fine needle aspirat site, leg was oedematious from bloods angive its and blood on side not clotting at room temperature and started konsidor. A blood transfixing was performed, much brighter today, exiting much better and utrasound examination of abdomen last night showed some changes in the liver. Await further information. Follow by \$1 and 2017 - oligo persented on \$9 and 2012 as had died overapit. Owner reported seizure type episode and bleeding from nose and distrinces then passed prior to destroit, arranging a post normer. Follow up \$2 at all 2017. Intellip sometime showed on cause for the clotted discrete and haemorrhage was evident on gross post-mortem. Further investigations carried out, awa results. Follow up 1 fee 2017 - further trensigations found uses of death to be due to medistail Carcinoma. User turnour is a possible source of the abdominal fluid whist the pulmonary turnours will explain the bloods fluid at the arrase. The wider hammer perpent to likely to be a paraneoglastic fluids by to have been present for several weeks, possibly predating the recent vaccination. Nothing further expected.	Labrador Retriever , , , e e e	27.2	Nobbac L4 Supension for injection for Organization (Props - 11)/A/A/, 10,1 ml 1 Animal (22/12/2016)-BR~BR>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCIMISD-2017-UK-00125	United Kingdom	Animal	Canine/dog	3 Month(s)	04/01/2017	13/03/2017	1 1	. o o	08/01/2017	Yes, <r>>R> >No</r>	Pale mucous membrane,Decreasee packed cell volume (PCV),Weaknes	d Other	Supected Adverse Reaction: On 4 Jan 2017, dog vaccinated with first dose of Nobivac DHPPI and Nobivac Ld (prof given at room temperature, extra label use) and fit and well at the time of vaccination. The American Transport of
	GBR-MERCKMSD-2017-UK-00136	United Kingdom	Animal		12.8 Year(s)			1 1			Yes, <b R> >BR>Not Known</b 	Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Cough	, Not Known	Saperted Alverne Reaction On 14 Dec 2015, day executated with Nobine CLA, on examination the day and 45 (%) solidine heart manural pre-existing conditions since value 2016 and the same of the same o
NOBIVAC L4	GBR-MERCIMISD-2017-UK-00143	United Kingdom	Animal	Canine/dog	2 Year(s)	03/05/2016	99/01/2017	1 2	. 13	90/12/2016	Yes, BR> BR>Not Known	Death by euthanasia, Lack of efficacy	Not Known	Suspected Efficacy, On 5 Apr 2016, 6dg vaccinated with hobbace DHP and Mobbace LAC on 3 May 2016, 6dg vaccinated with wholvac DHP and Mobbace LAC on 3 May 2016, 6dg vaccinated with wholvac LAC on 2 Toe 2016, 6dg persented as 1 Horoway Control and Part of the Control and
NOBIVAC L4	GBR-MERCIMASO-2017-UK-00161	United Kingdom	Animal	Canine/dog	11 Week(s)	13/12/2016	10/01/2017	1 1	0 1	J9/12/2016	Yes, 	Insection site lump, Lack of efficacy (panrovirus)	Not Known	Suspected Lack of Expected Efficacy & Suspected Alexane Reaction. On 29 Nov 2016, day succinated with first succination of Nobbac Lipto 1 and Nobbac Lapto 1 at Dec 2016, day succinated with second vaccination of Nobbac DIPH and Nobbac Lapto 1 at Dec 2016, day second with the MAH assessment. Aminal (13):12/2016;48R-48R-Nobbac developed distribute on the Nobbac DIPH and Nobbac Lapto 1 Dec 2016, puppy developed distribute overright, had mucous collisis, pots of free his blood and more select pith an omnul. Substitution of the Nobbac DIPH and Nobbac Lapto 1 Dec 2016, puppy then started womiting, retching and a Experiment (13):22 (2016) (13):27 (20
	GBR-MERCKMSD-2017-UK-00228	United Kingdom	Animal		1.3 Year(s)		07/12/2017	1		P9/11/2016	Not Known, clibclib. Note: A clibclib. Per clibclib. R-clibclibclib. BR-clibclibclibclib. BR-clibclibclibclibclib. R-clibcli	Diarrhoes, Jaw disorder, Jamenes, Encephalitis, Me ingitis, Circilige - neurological disorder (Jamenes, Encephalitis, Me ingitis, Circilige - neurological disorder (see also Office also and Systemic disorders), Collipse (see also Cardio-vascular and Systemic disorders), Reluctant to move Pyreix), Laci of efficacy, Abnormal menace reflex efficacy, Abnormal imenace reflex NOS, Proprioception deficic, Abnormal test result, Stiffens NOS, Abnormal posture NOS, Proprioception deficic, Abnormal test result, Stiffens and test result,	Not , Known	Supereted Adverse Reaction Vaccinated with Notince DIP, Notince La and Nobleac K Co n 26 Nov Local 2016, 29 How 2016 the Open supersented as unable to more and off legs. Is able to wish, but 3/10 and 19 services of the Open supersented as unable to more and off legs. Is able to wish, but 3/10 and 19 services of the Open supersented in the Open supersented and the Open supersented su
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00234	United Kingdom	Animal	Canine/dog	10 Month(s)	23/05/2016	24/01/2017	1 2	1 0	06/01/2017	Yes, <br RASBR> GBR> GBR> GBR> BR BR<br <="" td=""/><td>Death by euthonosia, Lack of efficacy</td><td>Not Known</td><td>Suspected Likes of Expected Efficacy for hobiase L4 Varicinated with primary Nobiase Character and PCR negative Mobiles (L4 81) Developed And PCR negative</td></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br></br 	Death by euthonosia, Lack of efficacy	Not Known	Suspected Likes of Expected Efficacy for hobiase L4 Varicinated with primary Nobiase Character and PCR negative Mobiles (L4 81) Developed And PCR negative

NOBIVAC L4	GBR-MERCKMSD-2017-UK-00235	United Kingdom	Animal	Canine/dog	9.1 Year(s)	21/09/2016	12/01/2017	1 1	0 08/10/2016	Yes	Low platelet count, Leucocytosis, Lymphopenia, N eutrophilia, Abnormal test result	No Data	Suspected Adverse Reaction On 21 Sep 2016, dog vaccinated with second Nobwac L4 (no details given The dog had diarrhoea after first vaccination and continued after second vaccination (treated with Metrobactrin and promas). On 8 Dt 2016, facels aimple negative for parasites and Garda, CPL 125 (2020) and Platelet count low (no value or reference range given). On 12 Oct 2016, Pt 13 Y (143-448). MRCH 23.2 1(26.73-23). On 24 Oct 2016, pate count 1810 (no value or reference range given) and started Predisioslone. On 80 Oct 2016, predisioslone was stopped and Pt 16 Y (143-448). 25 Nov 2016, PT 17 K (143-448). De De Ce 2016, patented count dropped further but no value or reference range given Started Acatthogrine. On 16 De Ce 2016, patented count dropped further but no value or reference range given Started Acatthogrine. On 16 De Ce 2016, patented count dropped further but no value or reference range given Started Acatthogrine. On 16 Dec 2016, patented (29-41-16.7), improve to 377 (164-42), EXOS (1007-14) and continued predisionler and azatthogrine. On 12 Jan 2017, reported improved and await further information. The dop had a reaction farter first vaccination which the clinical sign observed was). English Cocker Spaniel	16.6	Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A.1,0,1 ml 1 Animal (21/09/2016-21/09/2016-8R>-4R>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00236	United Kingdom	Animal	Canine/dog	6 Year(s)	10/01/2017	12/01/2017	1 1	0 10/01/201	Not Known,
 Yes</br 		Not Known	distribuses. See linked rase: PDIZ-IIE.00733 Supperted Alverse Reaction Vascrainsted on 10 Jan 2017 with Nobivac L4 and Nobivac Rabies at 3pm. 4pm the dog was returned back to the Practice as had immediately vomitted with haemorrhage distribuse when returned home. Mucous membranes white, respectant 9.8.5 Celsiu. Utrizaris states and progressed to worsen during consultation, facial swelling also started. Chlorphenamine and Decardeson given, responding well and agree intra venous (fluids: The dog was sent home with Pritton. 11 Jan 2017 kiln still pink but no further swelling and no further vomiting or distribuse. Nothing furtheress.	Chihuahua d	3.75	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (10/01/2017- 10/01/2017)-BR->-BR-Nobivac Rabies - 1,N/A,N/A,10,1 ml 1 Animal (10/01/2017-10/01/2017)-BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00274	United Kingdom	Animal	Canine/dog	7 Year(s)	12/01/2017	10/02/2017	1 1	1 12/01/201	Yes, No	Vasculitis/hypersensithity NoS,Ahormai Inecropy finding_Death,Collapse (see also Cardio-vascular' and Systemic disorders')	Other	Supperted Adverser Reaction Vaccinated on 12 Jan 2017 with Nobisoc LDH and Nobisoc LB. Nobisoc Lig- gene at fingle preseprature (Extra Label Us). The dog collapse and died of hours after the vaccine. The dog was returned to the Practice and awaiting decision on post mortem. The dog had a long term history of atopic demattis. Follow up 13 an 2017 - you fromen showed nothing significant, itsue samples have been sent away for histology and toutcology. Await results. Follow up 10 Feb 2017 - Results show acute heamorthage with hymphoplasmacycit excustiles with fibrinoid necrosis, interstital neiphrists, chronic glomerulogastiv, hymphod nodudar hyperplasis, bilateral interstital cell tumour in testes, mid prostate (hyperplasis, moderate to manked reactive hymphold hyperplasis in hymph noder, final diagnosis of chronic vasculitis with acute heamonthage. This is most likely consistent with a Type Ill hypersentivity reaction of unclear endology with the heamorthage sent in the papillary muscle likel to be to the vasculitis and also likely the cause of death and unlikely be to be lacked to the Viccine. The further expects.	Canine/dog		Nobisco 1919 - 1,14/A/N/A 1,01 mil 1 Amimal (12/01/2017) - 12/01/2017)-BR>-GR>-Nobisco L4 Suspension for injection for Dogs - 1,14/N/A/A 1,01 mil Animal (12/01/2017-12/01/2017)-BR>-GR>	B - Possible	Triming/clinical sigms suggest a hypersensitivity reaction to the vaccine. Two product used.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00278	United Kingdom	Animal	Canine/dog	8.3 Year(s)	10/06/2016	13/01/2017	1 1	0 05/01/201	Not Known	Lack of efficacy	Not Known	Suspected Lack of Expected Efficacy for Lepton On 10 Jun 2016, dog vaccinated with booster of Nobbeac L4. In a goodnated you C2 106, dog was polyuris, polyphiagic and subdued behaviour. On 29 Dec 2016, dog positive for Cushing's syndrome (no details given). On 5 Jan 2017, the dog land autrasound and found had an enlarged liver and large gall bladder. A high urine protein/creatine rato 10.8 (no reference range given), uniter PCR for refeptosporis negative, PCR for legistopross in blood showed positive for I. Copenhageni and MAT test results showed L Copenhageni the of 1:400. No futher information accepted.	Bedlington Terrier	8.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (10/06/2016- 10/06/2016)-BR> 	A - Probable	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-00283	United Kingdom	Animal	Canine/dog		07/10/2016	13/01/2017			Yes, GBA-GBA-GBA- BA-GBA-GBA-Not Known	Behavioural disorder NOS.Inappropriate defectation/Inappropriate defectation/Inappropriate defectation/Inappropriate defectation/Inappropriate defectation/Inappropriate defectation/Inappropriate urropenia, Jumphaemopathy.Increas stolenia, Lymphaemopathy.Increas stolenia, Lymphaemopathy.Increas stolenia, Lymphaemopathy.Increas stolenia, Lymphaemopathy.Increas stolenia, Lymphaemopathy.Increas depression in 'Neurological', Pyrexia, Abnormal posture NOS.Dry mucous membrane, Abnormal test result_Tense abdomen, Anal sac disorder, Abdominat discomfort, Decreased haemoglobin, Decreased haemoglobin, Decreased packed cell volume (PCV)	Not Known	Sappeted Adverse Reaction On 6 Sep 2016, dog vaccinated with Nobius CHP and first hobivac L4 (details unknown) and or 70 cd 2016, dog vaccinated with Nobius CHP and first hobivac L4 (details unknown) and or 70 cd 2016, dog vaccinated with second does of Nobius CLF, fir and well at both vaccines and no other products given at the time. On 14 Dec 2016, dog started acting odd and eliminating in the house, gene Metacani unknown details), Presented, temperature 95 s. degrees Celaius, so fit faces and anal glands full. Given Clavaseptin and Metacan. On 23 Dec 2016, dog till pyrexic (40.1 degrees Celaius, heart rate 128, lethargie, diamben and partition of the Ogh had been at dog states for 2 days prior to 23 Dec 2016. On further examination dog had slightly tachy mucous membranes, hunched posture, tense abdomen and partiting on abdominal palpation. The Ogh past been addingted for investigation, blood tests: R8C 4.99 (5.6-8.87), HCT 3.29 (17.3-6.1.7), hiemoglobin 1.19 (31.1-3.0.5), Ret 6.1 5.10 11.0), WCR 0.35 (6.0-16.2.7), and platetes 3 (14.8-48.4). Started unknews of the company of the co	Shih Tzu		Animal (66/69/2015- 06/09/2016-8-R-N-N-Nohvac L4 Suspension for Injection for Dogs - 1,N/N/N/A (2.0 II Animal (07/10/2016-07/10/2016)<8R><8R>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00286	United Kingdom	Animal	Canine/dog	6.8 Year(s)	05/01/2016	16/01/2017	1 1	0 15/01/201	Known, <br< td=""><td>Panting.Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Ahonomal test result, Hyperglycaemia, Stiff gait, Elevated ALT, Elevated bile acids, Elevated SAP, Elevated triglyceride</td><td>Not Known</td><td>Suppected adverse reaction in Secretated on 8 Dec 2015 with Nobivac L4 and KC, no reaction occurred. Vaccinated again on 5 ian 2016 with Nobivac L4.13 ian 2016 presented with anorexia, lethering and parting, stiff gain and extemperature of 20.1 repet placed in on Annoycular for 6 days and Meloxicam and it improved within 5 days. Bloods also taken at the same time showed ALKP 79 (0-23) ALT 29 (0-23) BLT 20 (2-23) BLT</td><td>Terrier</td><td></td><td>Nobivac KC - 1,N/A,N/A,24,1 Dose (08/12/2015- 08/12/2015)-6R>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,1 Dose (05/01/2016- 05/01/2016)-6RR>-6RP></td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment.</td></br<>	Panting.Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Ahonomal test result, Hyperglycaemia, Stiff gait, Elevated ALT, Elevated bile acids, Elevated SAP, Elevated triglyceride	Not Known	Suppected adverse reaction in Secretated on 8 Dec 2015 with Nobivac L4 and KC, no reaction occurred. Vaccinated again on 5 ian 2016 with Nobivac L4.13 ian 2016 presented with anorexia, lethering and parting, stiff gain and extemperature of 20.1 repet placed in on Annoycular for 6 days and Meloxicam and it improved within 5 days. Bloods also taken at the same time showed ALKP 79 (0-23) ALT 29 (0-23) BLT 20 (2-23) BLT	Terrier		Nobivac KC - 1,N/A,N/A,24,1 Dose (08/12/2015- 08/12/2015)-6R>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,1 Dose (05/01/2016- 05/01/2016)-6RR>-6RP>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00302	United Kingdom	Animal	Canine/dog	2 Month(s)	12/12/2016	17/01/2017	6 3	3 22/12/2016	Yes, <b R> Yes</b 	Death,Lack of efficacy (parvovirus)	No Data	Suppercial Lack of Superciaed Efficacy for pano Vaccinated a litter of 6 pupples on 12 Dec 2016 (7 weeks and 2 days of age). 10 14 days after the vaccine 1 puppy died. Examined and found a borne looged in throat and assumed to have died by choking (not confirmed). 1 puppy died sudderly on a unknown date and 1 puppy had vormiting and diarrhose and then died on an unknown date. Results of post mortern indicate Parvo virus Soldated price in a breeder and has had Parvo virus Soldated previously, see cases 2016-UF-00385 and 2016-UF-00387. Nothing further expected. Resemof route for product: Generic Cerb IV Stranch (2016/DRC DEP 1016/DE 15 Resson: Vaccination) (Septer 1 Lettor) (4DCT, CAN, GRIPP, BRAT) KB Brand: NOBIVAC L4 10X1D5 541 Reason: Vaccination) (State of health: Care)	German Shepherd Dog	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (12/12/2016- 12/12/2016-BRS~BRRNobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (12/12/2016-12/12/2016)-BR>~BR>	N - Unlikely	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-00307	United	Animal	Canine/dog	11 - 13	17/01/2017	06/04/2017	1	ıl olı	7/01/2017	es. <b< th=""><th>Vocalisation, Vomiting, Lameness, M</th><th>No Data</th><th>Suspected Adverse Reaction. Vaccinated with Nobivac DHP and Nobivac L4 on 17 Jan 2017 at</th><th>German</th><th>10 6</th><th>Nobivac DHP - 1.N/A.N/A .10.1 ml 1</th><th>O1 - Inconclusive</th><th>NCA agrees with MAH assessment</th></b<>	Vocalisation, Vomiting, Lameness, M	No Data	Suspected Adverse Reaction. Vaccinated with Nobivac DHP and Nobivac L4 on 17 Jan 2017 at	German	10 6	Nobivac DHP - 1.N/A.N/A .10.1 ml 1	O1 - Inconclusive	NCA agrees with MAH assessment
		Kingdom			Week(s)					F	t>=BR>>Yes	yelopathy NOS,Hind limb paresis,Collapeo of leg.Muscle weakness NOS,Hind limb ataxia		11.30am. The dog vomited when on the way home. 2pm off back legs, ocalising and ataxis. On examination there was some pain response on back legs and taxis an obt hild mibs. Non weight carmination there was some pain response on back legs and taxis an obtain the limbs. Non weight carmination there was some pain response on back legs and taxis and the scale and was because of the passion of traums. The dog was hospitalised and Metacas was given. Decaderion has been given and reported to be improving, however sit in ous or that kells was the passion of the p	Is		Animal (17/01/2017- 17/01/2017-RE-BN-blobivac L4 Suspension for Injection for Dogs - 1/4/N/A/ 0.3.1 m I Animal (17/01/2017-17/01/2017) - BR>-		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00313	United Kingdom	Animal	Canine/dog	2 Month(s)	16/01/2017	17/01/2017	1	1 0 1	,	Not Known, BR>
BR> Yes, SBR> >B L> >BR>Not Known</br 	Injection site swelling,Injection site scratching	Not Known	Vaccinated with Nobiwac DIPF and Nobiwac L6 on £5 Jan 2017. Treated with Endoguard womming at the same time. Presented 2 hours later with a welling at vaccine site. Soft and non painful, approx. Scm diam. The owner reported that the dog had been scratching it a lot. Nothing further expected. Outcome unknown	e Crossbred		Endogard Plus Flavour Tablets for Dogs: 1.N/AN/A,24.1 Dose 1 Animal [16/01/2017- 16/01/2	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00319	United Kingdom	Animal	Canine/dog	5 Month(s)	17/01/2017	17/01/2017	1	1 01		'es, <b t> No</b 	Tachycardia,Swelling around eye,Facial swelling (see also 'Skin')	Other	Sispected Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L4 on 17 Jan 2017. Nobiwac Ligwen at fridge temperature (Extra Label Use). 30 minutes later the dogs face began to swell. On examination the face and around eyes was swollen and heart rate had increased (unknown result), temperature 38.3 Celsius. Treated with steroid and Priton. Swelling reducing, Nothing further sepected. (Resono fro use for product. Generic: DHP LV Brand: NOBINAC DHP 20LOSS 125 Reason: Vaccination Generic: EFFO*QICT_CAN_GRIPP_BRAT KB Brand: NOBIVAC DH 251 Reason: Vaccination Generic of Pealth: Good of Pealth Cool	Staffordshire Bull Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/01/2017- 17/01/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/01/2017-17/01/2017)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00330	United Kingdom	Animal	Canine/dog	3 Year(s)	07/01/2017	17/01/2017	1	1 0 0	7/01/2017	lot Known	Lethargy (see also Central nervous system depression in 'Neurological'),Swollen eye	Not Known	Sispected Adverse Reaction Vaccinated with Nobbac L4 on 7 Jan 2017. The dog was presented to the energency Vets a few hours later with lethargy and bilateral swollen eyeldis. Given Decadreson, intra venous fluids and sent home after 6 hours as the swelling as nearly resolved. 11 Jan 2017 examination showed 100% resolution of clinical signs. Had fully recovered the previous evening. Nothing further exameted.	Charles	9.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (07/01/2017- 07/01/2017) 	A - Probable	NCA agrees with the MAH assessment
	GBR-MERCXMSD-2017-UK-00346	United Kingdom	Animal		18 Month(s)		10/02/2017	1		F 4 E F 5 2 E F 4 E F 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	LV-SBY-GBY-SBY-SBY-SBY-SBY-SBY-SBY-SBY-SBY-SBY-S	membrane, Constipation, Stomatitis, Vomiting, Conjunctivitis, Not drinking, Seizure NOS, Ataxia, Collapse (see also		Scapected adverse reaction Vaccinated on 30 Cct 2015 with DHP and Ld unknown if this is Notivacy. (NCA chosen being sees considering Notivec only available it vaccine at this time). 23 Cct 2015 Serve as consisted and the dog seems to straining to pass faces, soft faces in rectum. Lactudes given. 28 Cct 2015 Syem Parexicol 12.15mg, the non 4 Nov 2015 had billeral conjunctiviti. 51 Dec 2015 pupply yelped during the night no evidence of lameness on examination. No treatment given. 13 Jan 2015, problems Chemis, sore gums and lower canine rubbing. 25 Jan 2016 Streator 5050mg given. Unknown if given with food. Vomited 3 hours after Bravecto and for the following 8 hours, plus was pruntice. Then recovered Lings Strongfold own. 31 March 2016, sits odely owner concerned re lings, seems uncomfortable on the patentism. X rayed Sight flattening of lemonal heads, high fine. Salved. Parked on Non steededs. In bugh does react to non strondsh. In preactive and remove the salved provided on the patentism. X rayed Sight flattening of lemonal heads, high fine. Salved. Parked on Non steededs. In bugh does react to non strondsh. In preact was done so the salved part of the salved provided on the salved provided on the salved part of the salved	e 6 6		Bravetto 113.5 mg Chewable Tablets for Opp. 1.13 Months, 24,1 Tablets 13 Months (28/10/2015-828/10/2015)-88-88-Braveutes Opp. 228/10/2015-88-88-Braveutes Opp. 228/10/2015-88-88-Braveutes Opp. 228/10/2015-88-88-Braveutes Opp. 228/10/2015-88-Carprieve 50 mg Flavoured Tablets for Dogs - 220/10/2015-88-88-88-Espiben 60 mg Flavoured Tablets 16/10/2015-88-88-Espiben 60 mg Tablets - 18/10/4/N/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A	ble	Vaccination does not usually cause constipation.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00348	United Kingdom	Animal	Canine/dog	8 Week(s)	01/12/2016	26/01/2017	1	1 0 0		'es, <br≻ ≺B t>≺BR>∠BR>Yes</br≻ 	Anaemia NOS,Trrombocytopenia,Ocular discharge,Collapse (see also 'Cardio vascular' and 'Systemic disorder's Lletharg (see also Central nervous system depression in Neurological'),Off colou-Local swelling (not application site),Urine leakage,Sleepiness - systemic disorder	No Data	Superpicts do sign. Sense the process of the control testing of the	Crossbred		Nobiwac DHP - 1,N/A,N/A,10,1 ml (01/12/2016- 01/12/2016-BRS-RB-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A/N/A,01,1 ml (01/12/2016- 01/12/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCXMSD-2017-UK-00374	United Kingdom	Animal	Canine/dog	6.6 Year(s) 7 Year(s)	14/11/2016	24/01/2017	1 1		19/12/2016	No Not Known	Neutrophilia, Vasculitis, Autoimmun e disorder NOS, Trembling Panniculitis, Letharg y Isee also Central nervous system depression in 'Neurological'), Offi Colour, Joedema NOS (see other SOSC for specific Goedemas). Pyrexia, Respiratory signs, Swelling NOS, Regurptation, Enlarged lymph node [locatesG], Dral swelling, Lymphopenia	Other	Sampected Adverse Reaction Vaccinated with Nobbac L4 on 14 Nov 2016. Given straight from the fridge (Etars Label Use) Milbemax was also dispensed, but unknown if the dog was given the women a the time. 19 be 20 Glo owner reports that not been himself for past 2 weeks. Lethragic, and regurgitated water. Temperature 40.2 Celsius. 20 Dec 2016 brighter but still not herself. Temperature 33 2 Celsius. Meand milw. 21 Dec 2016 Temperature US 32 Selsius, hastend milw. 21 Dec 2016 Temperature US 32 Celsius. National milw. 21 Dec 2016 Temperature US 33 Celsius. Handman given. 21 Dec 2016 Temperature US 35 Celsius, large firm swelling right hand side and continue Metacam. 22 Dec 2016 Temperature 40.3 Celsius, large firm swelling right hand side and overhean settleng from this distally towards right flerbow and down right fore. Almitted and started by fluids. Gene Synulos and Bayrint 23 Dec 2016 Temperature 35 C. swelling above right shoulder still palpable, both popilited almyth mode palpable 5. 13 zno 2017 doing well, welling in dogs mouth and termbiling at home. Bloods taken with increased neutrophila and lymphopenia-no exact results. 30 Jan 2017 very quiet, owner reports with contraining more labored, submards but you have been submarded to secure the submard of makes graphs. 16 Jan 2017 better large contraining more labored, submards but you have been submarded to secure the submards of makes graphs. 16 Jan 2017 better large contraining more labored to execute submards. Subject and swelling has decreased, emperature 40.5 Celsius, lappy results show immure mediated were under the submards of vascutatia and panish. Nothing further expected. 7010 was 92 Jan 2017 - Laboratory commerced that the diagnosis of vascutatia submards mardened securities, promise resolved, find and server secure that the diagnosis of vascutatia submards mardened securities, promise and securities of these as heatery of jovenile demonocosis, continuing sterolos and mars resolving, diagn until be digites. Nothing durther expected.	Staffordshire t Bull Terrier	14.65	Nobivac L4 Suspension for Injection for Dogs - J.N/A.N/A.1.0.1 ml 1 Animal [14/11/2016]-BR>-BR> Nobivac L4 Suspension for Injection	A - Probable	NCA disagrees with the MAH assessment. Biopsies consistent with vaccine related immune mediated reaction. Product involvement probable despite history. NCA agrees with the MAH assessment.
		Kingdom										·	Known	diagnosed with Discoid Lupus Erythematous in Aug 2015. The dog had crusty lesions on nose and investigations were carried out-unknown tests-and the dog was diagnosed with DLE. Treated with Prednisalone and Atopica and been on no treatment since Nov 2016. Nothing further expected.	Shepherd Dog		for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/02/2015- 01/02/2015) 	Unclassifiable/unassessa ble	
NOBIVAC L4	GBR-MERCIOMSD-2017-UK-00382	United Kingdom	Animal	Canine/dog	Not Known	08/01/2017	07/02/2017	1 1	1 1 (38/01/2017	Not Known, Known, KR> Not Known, KR> 	Pyrexia, Elevated temperature, Dehydration, NT - emphysematous preumoria, Dilarrhoea, Bloody diarrhoea, Yomiting, Lethargy (see also Central nervous system depression in "Neurological"). Inappetence, Death, Pneumonia, Pyothorax	No Data	Suspected adverse reaction Vaccinated on 8 Jan 2017 with Noblouc DHP and L4 , also had advocate and Droncit and microcity at the same time. Then on 10 Jan 2017 was seen with vomiting and distribose which started on 8 Jan 2017. Was also lethargic and not eating, they have changed the food recently. No previace, sower declined on cost grounds having bloods and x rays. Injected General and bland det. 12 Jan 2017 seen on to of hours lethargic, not eating and dirinking, pyrexia (no value) metacam was given. Owner declined further support. 13 Jan 2017 Vomiting and darrinbes continued, fresh blood in diarribose, dehydrated. Placed on intravenous fluids, Yarays taken showed gassy intestities. Owner declined further investigation sent home on Symulox and Vetergeise; and Zantac, metacam. Suspect foreign body or intrussception. Owner didn't return. 16 Jan 2017 no improvement. Seen on 19 Jan 2017 owner could not their gine earlier, puppy died before was seen Possibly being sent for post mortem, open case awalt more information. Follow up 7 Feb 2017 - post mortems howed enlargement of the caudal part of the left cranial lobe with multificoal necrotic areas and purulent caudate within the thoracic cavity. Findings are suggestive of aspiration perunonia (likely aspiration or womit) and poythoracs. Paron saps text entegrate and samples have been sent of histopathology. Avail further information. Follow up 7 Feb 2017 - Histology received, confirming severe necrotising and fifteniouspurative bein three cases in the causal just of the left cranial lobe, with which has the typical appearance of aspiration perunonia, although no over 10 oregin material is observed. The cause of death in this case is therefore considered apparation perunonia, most likely secondary to aspiration or internotion, most likely secondary to aspiration or over 10 oregin material is observed. The cause of death in this case is therefore considered apparation perunonia, most likely secondary to aspiration or internotic/Mocacate).	Other Canine/dog	1.19	Advocate Spot- on Solution for Small Dogs: 1.N/AN/A, 2.1 Dose (18/01/2017- 18/	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00387	United Kingdom	Animal	Canine/dog	8 Week(s)	14/01/2017	17/03/2017	4 3	1	15/01/2017	Not Known, <br×br ×BR×BR> Yes</br×br 	Lack of efficacy,Death	No Data	Supercted Lack of expected efficacy Vaccinated a puppies (3 gifs and 1 boy) no individual details. All puppies vaccinated on 14 Jan 2017 with Nobhac DIP and 1.4. Later that day the puppies went to new home. Then on 19 Jan 2017 the breeder was told that one puppy between 13 and 18 Jan vomited and died on 18 Jan 2017, the owners feel it was parvoivurs. No investigation or blood tests were taken to prove this. The mother of the litter is being blood tested for parvo virus but no vaccination details are known, awalt litte results, open case Follow up 17 March 2017. No further information received, close case.		g Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (14/01/2017-14/01/2017)+BR>+BR>+Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/01/2017-14/01/2017)+BR>+BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00400	United Kingdom	Animal	Canine/dog	9.9 Year(s)	11/01/2017	20/03/2017	1 1	L O	14/01/2017	Yes, <b R> >Not Known</b 	Monocytosk, Elevated SAP, Hypoalbuminaemia, Skin inflammation NOS, Abnormal test result, Inappetence, Skin necrosis, Hypothyroidism, Neutrophi lia, Leucocytosis, Injection site pain, Injection site swelling, Injection site abscess, Dull	Not Known	Suspected adverse reaction Naccinated on 11 an 2017 with Nobleac DMP and L4. Then on 18 Jan 2017 was seen in practice and informed it had been dill since 14 Jan 2017 and off its food. Plan at the injection site, it was given syndox. 19 Jan 2017 had jection site swelling developed, was admitted, bloods taken showed WMC 2.5 & (4.9 -1.7) selt-profits [2.1 (6.2 + 1.2.6) monopole; 1.2 (0.1 - 1.2.1) Ala 2.4.6 (6.3 - 3.8.2) Alk P 17.1 (0.130.0) (shi to 2.8 (2.30 - 6.20) calcium 3.3 (2.36 - 2.86) Thyroxine 10.1 (1.0 - 5.1.0), 20 Jan 2017 was sedited and larced an abscess at the injection site. Sins in thickneed and spreading down the shoulder, some of the skin in excited. Silt on syndox and vetergetic. No swah has received, from except was those information. Following 20 Medic 2017 his one information in elements.	7 Schnauzer	11	Nobixac DHP - 1,N/A,N/A,10,1 ml (11/01/2017-11/01/2017-11/01/2017)=BR>Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (11/01/2017-11/01/2017)=BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCIXMSD-2017-UK-00401	United Kingdom	Animal			20/01/2017		1 1	1		Yes, <b R> No</b 	Abnomal posture NOS, Respiratory discomfort, Abdominal discomfort, Abdominal discomfort, Abdominal discomfort, Chahommal ultrasound finding, Straining to defectate, Vocalisation, Tachycardia, Pale mucous membrane, Hypotension, Vomitting, R ecumbency, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Death	Other	Supercted Adverse Reaction Vaccinated with Nobiwac DHP and Nobiwac L1 on 20 Jan 2017, given at fridge temperature (Irat Jabel Use) When the dog was taken back to the car the dog vomited and then when at home, collapsed. The dog was brought straight back to the surgery and presented in a collapsed state. On examination mucous membranes were pells, heart rate rapid for result), blood pressure low (no result) and laboured breating. Adrenaline was given and Owygen therapy. Started on it flinds, improved a little but in sternal resumberry. Antibistenime was given intervolsy. Adobtomial discomfort, straining with arched back, vocalising and then settled again. These episodes repeated every 10 minutes, unballe to raise bodo pressure, paid utrasuoud of abdomen showed no free fluid. Owner reported that the dog had been straining to defecate that moming. A second ultrasound was carried out and showed retroperitorial fluid around the colon. On third ultrasound, showed free abominal fluid thought to be blood. Vet suspected an intestinal tumour that had ruptured. The dog died colone does not make the colone of the col	Jack Russell Terrier	8.5	Nobiwa CHP - 1,N/A/NA, 10,1 ml 1 Amimal (20)0/12017- 20/01/2017/SRR-VBR-Nobiwac L4 Suspension for injection for Dogs - 1,N/A/NA, 10,1 ml 1 ml (20/01/2017 20/01/2017)-BR>-BR>		NCA agrees with MAH assessment
	GBR-MERCKMSD-2017-UK-00440	United Kingdom	Animal		1.7 Year(s)		23/01/2017	1 1	0	20/01/2017	Yes, <b R> Yes, </b 	Vomting_Swelling around eye,Facial swelling (see also 'Skin'),Elevated temperature,Abnormal test result,Thrombocytosis,Hypokalaem ia	Other	Supercted Adverse Reaction. On 20 Jan 2017, 00 gw.ccinated with Noblack DHP, Noblack LG (not give at room temperature - extra label use) and Noblack CK. FL and well at time of vecination and no other products given at the same time. Same day, owner reported had womited in the garden approximately 1 hor post vaccination. On presentation, had facial swelling around eyes, muzzle and a temperature of 30 Celsius. Blood tests taken showed: platelets 648 (13-550), potassium 3.4 (3-5-58), chorided 108 (10-72). The old you sign for cereais, chorigheraime. Rantistides and intravenous steroids. Responded well, to treatment and improved after 2 hours. On 21 Jan 2017, presented again and back to normal with no further problems. No further information expected.	n French Bulldo	g 9.9	Nobixac DHP - 1,N/A,N/A,10,1 ml 1 Animal (20/01/2017- 20/01/2017)-BRR-BR>Nobixac KC - 4,N/AN/A,10,0.4 ml 1 Animal (20/01/2017- 20/01/2017-BR>-BR>Nobixac L4 Suspension for injection for Dogs -1,N/A,N/A,10,1 ml 1 Animal (20/01/2017-20/01/2017)-BR>-BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00443	United Kingdom	Animal	Canine/dog	5 Year(s)	01/01/2016	23/01/2017	1 1		01/01/2016	Yes, <b R>BR>Not Known</b 	Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Suspected Adverse Reaction in 2016, dog vaccinated with Noblava CPIP and Nobhac L4 (unknown east details). Reported within seconds after vaccination the dog collapsed and became unconscious. The dog was given Priton and fully recovered very quickly (no timeframe stated). No further information expected.	Miniature Schnauzer	15.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (01/01/2016- 01/01/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/01/2016-01/01/2016) >BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00457	United Kingdom	Animal	Canine/dog	12 Week(s)	20/01/2017	30/01/2017	1 1	1	24/01/2017	Yes, <b R×BR>Not Known</b 	Found dead	Not Known	Sapected adverse nextions Vaccinated with Nobinos DRF and 16 on 32 Dec 2016 then had a second Nobinos DRF on 6 in 00.21. Then had a second Nobinos 1.6 on 20 lan 2012. The purp was fine afterwards then they put her to bed in its crate on 23 Jan 2012 and the following morning it was found dead. No post morem has been performed as yet, award further details follow up 30 Jan 2017 - owner has declined any further investigation and no post mortem is to be performed. Case closed.	Yorkshire Terrier	1.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (06/01/2017- 06/01/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (20/01/2017- 20/01/2017)-BR>-SR>-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-00503	United Kingdom	Animal	Canine/dog	13 Week(s)	21/01/2017	26/01/2017	1 1	L O	21/01/2017	Yes, <b R>BR>Yes</b 	Discomfort NOS,Pyrexia,Depression,Facial swelling (see also 'Skin')	No Data	Supected Adverse Reaction On 5 Jan 2017, dog presented with puppy strangles and was treated with antibiotics and a long course of steroids, the steroids were then stopped on 19 Jan 2017. On 21 Jan 2017, puppy vaccinated with hobivac DHP and hobivac Lepto 4, clinically well at the time and no other products given. Reported 6 hours post vicination dog developed a temperature of 40 r.C. facial swelling, depressed and disconflor of palpation of lymph nodes. Given intravenous paracetamol, steroids, hardwaven full differapy and antibiotics. No further information expects full with services, that was full differapy and antibiotics. No further information expects full with services in the service of the services of the servic	Staffordshire Bull Terrier	4.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (21/01/2017- 21/01/2017) >BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-00509	United Kingdom	Animal	Canine/dog	9 Year(s)	28/10/2016	15/03/2017	1 1	0	17/05/2016	Not Known, GB+GB V SB+GB+GB+GB+GB+GB+GB+GB+GB+GB+GB+GB+GB+GB	Pica NOS,Intestinal disorder NOS,Non-regenerative anaemia, Leu Openia, Jumphopenia, Neutropenia, Pimphopenia, Neutropenia, Pimphopenia, Neutropenia, Pale mucous membrane, Diarrhoea, Yomiting, Jaw disorder, Parting, Cough, Appetite loss, Jetharry (see also Central nervous system depression in "Neurological"), Pyreasia, Regenerative a naemia, Spicen hypertrophy, Abnormal test result, Immune mediated haemolytic anemia, Unimary tract infection, Abnormal ultrasound finding, Georema ridolograph finding, Georema ridolograph finding, Georema ridolograph finding, Georema disorder (ed.) Volume (PCV), Instantial stool colour Anaemia NOS	Not Known	Suspected adverse reaction Very limited information. Dog was given Bravecto (1000 mg best guess spilled) on a unknown date. The dog developed MMAI (immune mediated haemolytic anaemia) after having Bravecto. Time frame is unknown and other clinical history is unknown. It is unknown how the MMAI was diagnosed. Awalf turther information. Follow up 10 Feb 2017 - history received. Bravecto 100mg (20-040) gib open on 23 May 2016. On concurrent gratery intestinal deel for collisis. 17 May 2016 pulled a stick from throat last week and initially fine, but now reluctant to eat dry food, womiting after breakafst. Resistant to having mouth opened. Seeking to eat so ill and grass with furnism 16 feb 10 gible of seeking 10 gib opened. Seeking to eat so ill and grass with furnism 26 feb 10 gible objects. It is supplied, ultrasound scan carried out, theoretic 24, Red Blood Cells 3.54, Haemoglobin &A, Albumin 22 (in or anges supplied), ultrasound scan carried out, theoretic 24, Red Blood Cells 3.54, Haemoglobin &A, Albumin 22 (in or anges supplied), ultrasound scan carried out, theoretic 24, Red Blood Cells 3.54, Haemoglobin &A, Albumin 22 (in or anges supplied), ultrasound scan carried out, theoretic 24, Red Blood Cells 3.54, Haemoglobin &A, Albumin 22 (in or anges supplied), ultrasound can carried out, therefore the secretary of the secretary	rs r		Bravecto 1000 mg Chewable Tablets for Dogs - 1.N/A.N/A. Tablets (10/108/2015- 11.N/A.N/A.Tablets (10/108/2015- 28/10/2016): BRSBBS-Noblwac DIP-1.N/A.N/A.D. 11 Animal (28/10/2016- 82/10/2016): BRSBBS-Noblwac L4 Suspension for Injection for Dogs-1.N/A.N/A.D. 11 Animal (28/10/2016- 11.N/A.N/A.D. 11.D. 11.	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC LA	GBR-MERCKMSD-2017-UK-00513	United Kingdom	Animal	Canine/dog	12.2 Year(s)	07/10/2016	27/03/2017	1 1	i o	05/11/2016	Yes, GBR-GBR-GB PS-GBR-GBR-Not Known	Restlessness, Elevated cholesterol (total), Abdomina jan), Yomiting, Gall bladder & bile duct disorder NOS, Hepatitis, Jaundice, Pyrexia, Lac ko ef efficacy, Weight loss, Abnormal test result, Pancreatitis, Liver disorder NOS, Blood in urine, Elevated ALT, Elevated bile acids, Elevated bil. Elevated SAP, Billinubinuria, Elevated gamma- glutamyl transferase (GGT), Lymphopenia	Not Known	Suspected adverse reaction (as reported by the practice). MSD AH adds problem types suspected lack or expected efficacy of testpon. Or 2015. 6, 6g succinated with Noblace LPa and Noblace L4, no other treatments given at the same time and dog was fit and well. On 5 Nov 2016, dog presented as developed worlding and temperature of 39.6 C, as well as very self loss. On examination no abnormalities were detected apart from pyrexia and was given a Rimadyl. Cerenia injection and oral zahate. On 7 Nov 2016, presented for second vaccination and on examination the dog was noted to have joundise but no further vomiting. T-38.8 C. Unne sample showed blood in urine and bilirubin; on blood tests: tymphol 814.05, presented for second vaccination and on examination the dog was noted to have guardise but not further vomiting. T-38.8 C. Unne sample showed blood in urine and bilirubin; on blood tests: tymphol 814.05, presented for second vaccination and examination the dog was noted to blood tests: tymphol 814.05, presented for second vaccination and presented to the dog had an utserneatic lipsus test the dog had an utserneatic lipsus test the dog had an utserneatic lipsus test that god and second to the second vaccination of the vaccination and vaccination was developed and vaccination an	Spaniel	15.1	Nobwac DPP - 1,M/AN/A,10,1 ml 1 Amima (07/10/2016) 07/10/2016):RBR-Nobwac L4 Suspension for injection for Dogs - 1,M/A,N/A, 30,1 ml 1 Animal (07/10/2016-07/10/2016)-BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00517	United Kingdom	Human	Human	31 Year(s)	26/01/2017	09/02/2017	1 1	. 0	26/01/2017	Not Known,
 ></br 	Injection site swelling,Injection site pain,Local swelling (not application site)	Not Known	A vet possibly injured the extensor tendon of her left thumb with a needle. The whole thumb became swollen, including the tendon, and was painful when flexed. It is not known if any of the contents of the syringe were injected, or if the needle was dirty. The vet visited her doctor. Paracetamol was when	Human	Not Known	Nobivac DHP - ""24 Nobivac L4 Suspension for Injection for Dogs - 24 		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00519 GBR-MERCKMSD-2017-UK-00529	United Kingdom	Animal	Canine/dog	Not Known 6.62 Year(s)	24/01/2017	07/02/2017	5 1	0	25/01/2017 25/01/2017	Yes, Yes	Dyspones.Battling chest.Cough.Abnormal rest result.Hypergyraemia,Elevated total bilirubin,Cough, productive,Hypokalaemia	No Data	Supercited adverse reaction .5 pupples vaccinated on .24 Jan .2017 with hobbac DHP and L4. All have now been sold. On .25 an .2017 one pupy started to cough, was seen on .27 Jan .2017 with oppones and was coughing up fluid, thorack noise, no heart murmar was heard. Bloods taken Total Protein .12 (no ref range). Ital .2010 not ref range). Tall .1038 (no ref range). Tall .800 tot started by heartstoley was seet to a setternal laboration, no results received They admitted the puppy and placed it on intravenous fluids and antibiotics and flueness. Unknown of any further investigation was performed; by supercited possible pneumonia. Went home on .30 Jan .2017 a lot brighter and eating, went home on antibiotics. Oppone case award further information. Tollow up of Feb .2017 - blood results were taken on .28 Jan .2017 (not .25 in Nothing latter expected. Follow up .7 Feb .2017 - blood results were taken on .28 Jan .2017 (not .25 in .25 Jan .2017) (not .25 in .25 Jan .2017) (not .25 Jan .	English Cocker Spaniel D	3.7	Nobisac DHP - 1,N/A,N/A, 10,1 ml (24/01/2017) - 24/01/2017) eBPBR-Nobisac L4 Supersision for injection for Dogs - 1,N/A,N/A, 0,1 ml (24/01/2017) - 24/01/2017) eBRBR-Nobisac DHP - 1,N/A,N/A, 10,1 ml	O1 - Inconclusive	MCA agrees with the MAH assessment. 10 days is not s strong association in time however
		Kingdom	cimila								Known, <br×br ×BR×BR> Yes</br×br 	diarrhoea,Vomiting,Inappetence,Le thargy (see also Central nervous system depression in 'Neurological')	Data	given. The non 30 Jan 2017 owner reported the dog was lethargic and had diarrhoea with blood in it, soome vomitting, it had started to improve later that day, on examination had a painful abdomen. No medication was given. Has not vomitted since 30 Jan 2017. No more information is expected. From web report: lethargy, vomiting, bloody diarrhoea, inappetence.	Cossuleu	14.3	(20/01/2017- 20/01/2017) Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (20/01/2017- 20/01/2017) BR> 		signs such as lethargy, inappetence and vomit can be seen after vaccination. Two products administered. Product involvement cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00545	United Kingdom	Animal	Canine/dog	8 Year(s)	24/01/2017	31/01/2017	1 1	. 0	29/01/2017	Yes, <b R> Not Known</b 	Dyspnoea,Rale,Cough	Not Known	Suspected Adverse Reaction Vaccinated with Nobbiac L4 and Nobbiac XC on 24 Ian 2017. Vaccine was not carried out at reporting Practice. Owner reports that since 29 Jan 2017 the dog has been coughing and finding it difficult to breath 31 Jan 2017 examined and the dog is reported to be bright. Upper respiratory noise increased. No treatment given. No investigations carried out, nothing further expected.	s Crossbred	8	Nobivac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (24/01/2017- 24/01/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (24/01/2017-24/01/2017) 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00555	United Kingdom	Animal	Canine/dog	2 Month(s)	17/01/2017	31/01/2017	1 1	0	17/01/2017	Yes, <b R> Not Known</b 	Neutropenia, Diarrhoea, Vomiting Le thargy (See also Central nervous system depression in 'Neurological'), Depression, Dehydra tion, Dry mucous membrane, Abnormal test result	Not Known	Supereta Adverse Reaction On 17 Jan 2017, day avacrinated with Nobisec DHP and Nobisec L64 at another veterioring vectice and details unknown. The same day, 45 hours post uncertaint the day became lethargic and vomiting. On 18 Jan 2017, day continued to vomit and had diarrhoea. On 19 Jan 2017, presented to the reporting practice depressed, dehydrated, dry mucous membranes. The puppy was admitted for intraversors blut therepy, metodops amide and Metoriotaback on Alexa faceal test was used and was positive for parvovirus. On 12 Jan 2017, heemstology performed and show the day had neutropersa and had a plasma transitiosion and given horsocillinand cisciousnic acid. Started to improve after plasma transitiosion. On 22 Jan 2017, stopped vomitings and diarrhoea. On 23 Jan 2017, the puppy well in self other than still being eutropenic. On 25 Jan 2017, still neutropenic but improving. On 26 Jan 2017, dog discharged from hospital. No further information expected.	German Spitz - Pomeranian	1.6	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (17)0/12017 - 17/01/2017/SBR-SBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A/A/A, 10,1 ml 1 Animal (17/01/2017-17/01/2017) <bb>-SBR-</bb>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-00586	United	Animal	Canine/dog	9 Week(s)	27/01/2017	03/04/2017	1 1	0 27/01/2	17 Yes, <	Circling - neurological disorder (see	Not	Suspected adverse reaction Vaccinated on 27 Jan 2017 with Nobivac DHP and L4. Was sleepy for the	Staffordshire	3.1	Nobivac DHP - 1,N/A,N/A ,10,1 ml	B - Possible	NCA agrees with the MAH assessment.
		Kingdom								R> No Known	also "Behavioural disorders", https://dx.alp.ilsonentation.Constricted.pupils, Inappetence, Not drinking. Elevated temperature. Abnormal test result, Decreased haemoglobin, Decreased haemoglobin, Decreased packed cell volume (FCV), Change in blood protein NOS, Lethartgy (see also Central nervous system depression in Neurological").	Known	next few days. Seen on 31 Jan 2017 with no vomiting and diarrhoea, eating and dirinking well, inappetence since 30 Lin. On examination was off balance, circling and bumping find things, restless. Temperature 101.7. placed on intravenous fluids, diarepam and Devadreson and synulos. 1 Feb was more settled, Bloods taken HCT 32.7 (37-55) HGB 10.1 (12-18) [Urea 1.3 (2-5-10.4) (rea 15 (27-106) T P 47 (48-72) Amylase 368 (301-3100) Given Devadreson and syringed water, syringe feeding, constricted pupils. Open case awalt more information Follow up 3 April 2017 No more information received, close case.	Bull Terrier		(27/01/2017- 27/01/2017-RR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1.N/AN/A 1.0.1 ml (27/01/2017- 27/01/2017)-BR>-BR>		
	GBR-MERCXXXSD-2017-UK-00619	United Kingdom	Animal		11.5 Year(s)	26/01/2017		1 1	1 26/01/2		Vomtiting, Diarrhoea, Liver tumour, Dermat hickening, Death by euthanssis, Inappetence, Elevated temperature, Weigh loss, Injection site paniculitis, Third eyeld orf limb), Hypoalbumina emia, Pancreati si, Elevated renal parameters, Hyporphosphataemia, Elevated total bilirubin, Elevated SAP, Albormati andiograph finding, Injection site mass, Decreased packed cell volume (PCV), Elevated gammagidum/tranefunding), etc. signification site of the properties of society, Company, and society,	No Data	Suspected adverse reaction Vaccinated on 29 Dec 2016 with Noblace L4 scene on 26 Jan 2017 for Nobbace L4 vaccination, owner informed them the day has to sty 56 body weight but does have a picky appetite. It was normal on examination. Seen on 28 Jan 2017, owner reported straight after the second vaccine that dyellow, weter plantmea and was not eating. On examination in had temperature 39.1. Heart rate was slightly raised but unknown what it was, though this is normal for the dog when it gets stressed. It has is this devide across and one conjunctivitie, Which is historical No pain on abdomen palipation. Placed on Nastrotal and Netroindazole. Seen on 30 Jan 2017, brighter but still picky with 1° 500. Further weight loss but around 25 4 to 15. Set, Continued on original treatment Seen on 2 Feb. Diamtheea is recoiving, appetite is up and down, eyes are improving. Bloods show Mono 1 (20.0) setup 21.25-61 block 10.25 cettle 20.01 setup 20.01 setu	Old English Sheepdog	25.6	Nobiwa: L4 Supension for injection for process in the control of t		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-00642	United Kingdom	Animal	Canine/dog	8 Week(s)	15/12/2016	04/04/2017	4 4	0 19/12/2	16 Yes, No R> BR>No Known	Lack of efficacy (parvovirus),Cough	Not Known	Suspected Alverse Reaction & Suspected Ifficacy to pane On 15 Dec 2016, 4 pupples vancinated with Nobleac LPI and Nobleac LPI and Dec 2016, pupples developed coughing and diarrhose, taken to another practice and two were treated with unspecified medication and sent home, two pupples were hospitalised. Die of the hospitalised pupples was sent home and has since recovered (unknown date). One of the upples (unknown which) was tested for Paraviorus and was positive and another was tested for Parainfulnensa due to cough but was negative. All of the pupples apart from one have made a full recovery. It is unknown what the outcome of one of the hospitalised pupples. Await further information. Follow up 4 Apr 2017 - No further information received. Case	Labrador Retriever	6	Nobiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (15/12/2016 15/12/2016)¢BR-cBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (15/12/2016-15/12/2016)⋅BR> 	O1 - Inconclusive	Timing/diarrhoea consistent with possible product involvement. This vaccine provides no immunity to Panovirus.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	9 Week(s)	24/01/2017		1 1	0 06/02/2	R> No Known	Tachycardia, Lethargy (see also Central nervous system depression in 'Neurological'), Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Suspected Adverse Reaction On 24 Jan 2017, do gwacrinated with Nobbusc DHP and Nobbusc L14 at a different veterinary practice. On 6 Feb 2017, day succinated with second Nobbusc DHP and fit and well at time of vaccination and no other products given. The puppy was vaccinated at 4.30pm and owner ploned out of hour at 5pm, reported collapse and teachycanic. On arrival 10 minutes later was lethangic but not collapsed, temperature 102 degrees Fahrenheit, heart rate 150 bpm and reduced to 140 bpm after 5minutes. Given an antifistamine and went home. No further information expected. Follow up 8 Feb 2017 - reported to have fully recovered the following day. Nothing further expected.	Whippet		Animal (06/02/2017- 06/02/2017/BR- Nobivac L4 Suspension for Injection for Dogs - 1,N/A/NA,1,0,1 m11 Animal (24/01/2017-24/01/2017) 	O1 - Inconclusive	Time association is not close [2 weeks] as Nobivac DHP was given alone on this occasion (Nobivac L4 was given 2 weeks before). More likely to be related to DHP
	GBR-MERCXMSD-2017-UK-00669	United Kingdom	Animal	Canine/dog		07/02/2017	03/03/2017	1 1	0 07/02/2	R> No	NOS.Inappropriate urination, Hypersilavian, Jonating, Jaw disorder, Inappetence, Lethargy (see also Central nervous system depression in Neurological), Malaise, Off colour, Pyresii, Jintestinal perforation, Jaw pain, Tense addomen, Hiding, Gastrointestinal foreign body NOS	Other	Suspected Alverse Reaction. On 7 Feb 2017, day avaccinated with Nobback 14 (not given at room temperature—eart bale use) and Nobback CR, if and well at time of vaccination and no other products given. Approximately 6 hours later the dog developed hyperalivation, vomited, started a cring scared and subdach. On clinical examination, was subduced and unisated in the countif room, presist 38.6C, and was given Cerenia and Intravenous Chlorphenamine and sent home. On 8 Feb 2017, owner reports still tehrapic but no salvation but has become inappearant. No further findrmation expected. Follow up 9 Feb 2017. The dog was kept in overnight on intra venous fluids, not eating and very quiet, hiding in corner, doroling, garlatif on allowen palpation and malbe to open mountly outsides when attempted to do so. Bloods are being carried out. Open case Follow up 15 Feb 2017 - dag reported to have improved after the fluids and the work offorwill process of plastic and connecting piece of coths, surgery was performed and perforbate glut. The sound at the are being carried out. Follow up 15 Mar 2017 - Practice reported that they are no longer waiting for bloods and titre et due to the foreign book helpin found rise closed.	Jack Russell Terrier		Animal (07/02/2017- 07/02/2017)-BRBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 m1 Animal (07/02/2017-07/02/2017)-BRSBR-	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-00681	United Kingdom	Animal	Canine/dog		23/01/2017	08/02/2017	1 1		17 Yes, <i R>BR> Yes BR> Not Known</i 	count, Tachycardia, Hypercalcaemia Reduced globulins, Lethargy (see also Central nervous system depression in 'Neurological'), Abnormal test result, Hyperglycaemia, Increased respiratory rate	Not Known	Suspected adverse reaction Vaccinated on 23 in 2017 with Nobvac DNP, L4 and KC. Was seen on 25 Jan 44 another practice, owner informed them it had been lethaging for 24 hous post vaccination, presented with lethargy and screaming. Heart rate 150, respiratory rate 60. Normal on examination. They took blooks which showed (or 24 (44-155) dis 0.8 0.7 36.4) intra 11(3.5-9) Hid6b 10.6 (12.17) Call.47 (1.12-1.40) Vetergesic was given and it was placed on intravenous fluids. The dog fully recovered date unknown. No more information expected	Other Canine/dog		(23/01/2017-8Rs->BR>Nobivac KC - 1,N/A.N/A ,24,1 Dose (23/01/2017-23/01/2017-8Rs->BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A ,10,1 ml (23/01/2017-23/01/2017-8Rs->BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXXXSD-2017-UK-00684	United Kingdom	Animal	Canine/dog	15 Month(s)	03/01/2017	08/02/2017	1 1	0 03/02/2	17 Yes,cR3-cR3-cR R>CR7-CR3-Yes GR3-CR3-CR3- BR>-GR3-CR3- Known	Pale mucous membrane, Neutrophilia, Inappetent e, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise, Previa, Dry mucous membrane, Abnormal test resulf, Glucosoria, Proteinuria, Decreased pasched cell volume (PCV), Monorcytosis, Thrombocytop na, Low platelet courie, Leucocytosis, Constipation courie, Leucocytosis, Constipation	Not : Known	Saspected Adverse Reaction On 3 Jan 2017, dog vaccinated with Nobbac DIP. Nobbac Ld and Nobbac KC, fit and well and no other products given. On 3 feb 2017, goesemed studend and since 4 feb 2017 has be in lappetant and not drivinge, On 6 Feb 2017, presented to veterinary practice and on a camination was quel, pale musous membranes and reported to have not passed fearces. Blood sneas throwed autoagglutination and an ultrasound was performed and no abnormalities detected. Unrie sample was taken and showed a trace of glucose and potentiar. On 7 Feb 2017, blood tests: WRG 128, 5(e-17), Neutrophis 21; 2(3-512), Monocytes 1-6 (3-30-15), RRC 215 (8-8.5), Fearces globe) in 1.6 (12.18), HCT 107, 1975-55), MCV 802 (10-60), MCHC 65 (9) 60-55, FROW 869 (3-65), platelets 128 (205-500) and MPV 10.6 (5-5-10.5), Reported dog doing better but developed polyuria and ophipipus. On 8 Feb 2017, owner proprist still terbinary, Ophysia and polydigas and on clinical esamination had pale musous membranes that were tacky, A manual PCV was performed 2.25 (35-57) and aggistion. 1, SRC 0.38 (2-6), Neuropipion 3.17, 157-55, MCV 802 (10-60), ROV 16.15 (3-56-6), battelets 159 (200-500), MPV 10.9 (5-5-10.5), Reported the dog is recovering at home, no further information secretar.	Shih Tzu	9.5	Noblac DHP - 1.1/(AN/A, 0.1. ml 1 Amimal (30)(12)(2017): RBR-6BR-Noblac KC- AN/AN/A, 10.0. ml 1 Animal (03)(01)(2017): CBR-6BR-Noblac KG- 30/(1/2017): CBR-6BR-Noblac Ld Suppression for injection for Obgs - 1.3/(AN/A, 1.0.1 ml 3 Animal (03)(01)(2017): CBR-6BR-6BR-0BR-0BR-0BR-0BR-0BR-0BR-0BR-0BR-0BR-0	O1 - Inconclusive	NCA agrees with the MAH assessment.

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NOBIVAC L4	GBR-MERCKMSD-2017-		United Kingdom	Animal	Canine/dog	2 Month(s)	06/02/2017	09/02/2017	1 1	0 06/02/20	17 Yes, RX>BR> Yes RSRSPSRSYES 	Vomiting.Shaking.Elevated temperature_Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Suspected Adverse Reaction Vaccinated with Noblava DHP, Noblave L1 and Noblava CC on 6 Feb 2017 at 10m. Re sear of 3 par as vonifing, left-haping, and shaking, no examination, temperature 9.4 Celbuix Admitted for intra venous fluids and Zantac. 7 Feb 2017 sent home as 100% resolved. Nothing further expected.	Terrier	1.3	Nobivac DHP - 1.N/A,N/A,10,1 ml 1 Animal (66/02/2017 - 06/02/2017) -BR>Nobivac KC - 4,N/AN/A,10,0.4 ml 1 Animal (06/02/2017 - 06/02/2017 - BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A,10,1 ml 1 Animal (06/02/2017 - 06/02/2017) -BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-00712	United Kingdom	Animal	Canine/dog	7.8 Year(s)	12/01/2017	09/02/2017	1 1	0 25/01/20	17 Not Known	Loose stool, Dehydration, Vomiting	Not Known	Suspected adverse reaction. Vaccinated on 12 Jan 2017 with Nobbac 1.4. Then on 28 Jan 2017 was seen with vointling which developed on 25 Jan 2017. Loose stools but no diarrhoea. Was dehydrated and placed on fluids. 29 Jan 2017 bloods taken which were all normal and then was discharged. I Feb fully resolved No more information expected Previous reactions after vaccination with Noblwac L4, see case 2017-LV 0.0706 and 2017-LV 0.07010	Labrador Retriever	29.45	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (12/01/2017-12/01/2017) 	O1 - Inconclusive	vomit and lose stools can be seen after vaccination, however 12 days post vaccination is not a close time association. Other causes remain possible.
NOBIVAC L4	GBR-MERCKMSD-2017-		United Kingdom	Animal	Canine/dog	6.4 Year(s)	29/12/2016	15/02/2017	1 1	1 08/01/20	17 Not Known	Vomiting, Gastrointestinal foreign body NOS, Septicaemia, Death by euthanasia	Not Known	Suspected Adverse Reaction Vaccinated with primary Voldwac L4 and Nobbace F on 1 Dec 2016, second vaccine with Nobbac L6 on 29 Dec 2016. Owner reported at the time of the second vaccine with Nobbac L6 on 29 Dec 2016. Owner reported at the time of the second vaccine and vaccine	Cavalier King Charles 7 Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (29/12/2016- 29/12/2016)	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-00864	United Kingdom	Animal	Canine/dog	4 Month(s)	11/01/2017	17/02/2017	1 :	. 0 10/02/20	17 Yes, R> Yes 	Polyarthritis, General pain (see other SOCs for specific pain), Monocytosis, Pyrexia, Lethargi (see also Central nervous system depression in 'Neurological')	Not Known	Suspected Alverse Reaction on 12 Dec 2016, flog succinated with first dose of Noblava C.PD and Nobbac K.C on 13 lana 2017, dog vaccinated with Second dose of Nobbac K.C on 13 lana 2017, dog vaccinated with second dose of Nobbac K.C on 11 lana 2017, dog vaccinated with second dose of Nobbac K.L on 10 reb 2017, developed generalised pain and on examination and temperature was 40 degrees Celsius, general pain and lethary, Admitted for intravenous fluid therapy and blood tests performed: monocytes 2.68 (lb.E-1.12) and the dog was given Medoxiacm. On 13 reb 2017, does enth one as clinical signs resolved and was sylem a course of oral Netzcam. On 13 reb 2017, presented lethargic and painful and was admitted for further insertigation and blood tests show further monocytosis. The dog was diagnosed with immune mediated Polyarthritis. No further information expected.	Other Canine/dog d	14.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (28/12/2016- 28/12/2016)-SRR>-BR>Nobivac KC - 4,N/AN/A,10,0.4 ml 1 Animal (28/12/2016)-SRR>-BR>Nobivac L4 Suspension for injection for Dags - 1,N/AN/A,10,1 ml 1 Animal (11/01/2017-11/01/2017)-SRR>-SRP>	O1 - Inconclusive	Time association is not strong, however immune mediated polyarithris can ocur after excination. Three products administered, other products had a closer time relationship
NOBIVAC L4	GBR-MERCKMSD-2017-	UK-00931	United Kingdom	Animal	Canine/dog	7.4 Year(s)	31/01/2017	02/03/2017	1 :	. 0 09/02/20	17 Not Known,<8R><8R <8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R>No,<8R	Limb weakness, Not eating, Dry murcus membrane, Immune mediated haemolytic anaemia, Musculosaletat jain, Decreased haemoglotin, Decreased haemoglotin, Decreased packed cell volume (PCV), Unable to jamp, Polyvira, Pol	Other d	Suspected Adverser reaction Vaccinated with Nobboac 14 on 31 Jan 2017-given straight from the fridge (Extra label Use), Brancies 500mg (10-50g), also given, 91-95 02017 presented as not eating and unwilling to jump onto a chair. Hind limbs seem weak and wobbly and fallen over due to hindlimb wobble. When owner stroked the dops loss, the doog govoid and out-led [jb, Mostons membranes stack) PCV 25% (55-57%), the dog was admitted. Remained very weak and falls over when pushed, mucous membranes stack) and remains pails. 50% or peopling reflers (1976 for. 10-76 v.) 2076 PCV 23% (55-57%), conjunctive white, seems to be stronger and no atasks at present. Clumping seen on slide agaliuriation Prediciable started for the treatment of Immune Mediated Hemonylck Assemals. In It Po 2017 FCV 23% (55-57%), 35-57%, eating well and bright, 13 Feb 2017 FCV 23% (55-57%), much more improved, conjunctiva a pale pink now. The dog was sent home to continue the steroids. J Trée 2017 Immune brighter, conjunctiva join, PCV 35% (55-57%), Red Blood Cells 379 (5.9-8.4), hexemaglotin 11.1 (14-2-20.0), Hearmator (13.10 d.) 43-610, but laboratory shows no regenerate response yet. Nothing further expected, Follow up 2 Mar 2017 - the dog has been polydipsic and polyuric since being on steroids.	Other Canine/dog	10.4	Bravecto 500 mg spot-on solution for medium-sied dops [1-0.2 olig 500,1-3 Months, 3,500 mg 3 Months 1,300 mg 1,000 mg 1,	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-		United Kingdom	Animal	Canine/dog	10 Year(s)	30/01/2017	21/04/2017	1 1	0 06/02/20	Known,
 >BR> Not Known</br 	Pyrexia Abnormal test result, increased percentage reticulocytes, becreased packed ce volume (PCV), Lethargy (see also Central nervous system depression in 'Neurologica'), Anaemia NOS, Vomiting, Inappetence, Dull	Not Known	Saspected adverse reaction Naccinated with Nobiusc DHP and I 4 on 30 Jan 2017. Seen on 2 2 Feb 2017 Owner has informed the practice a week post vaccination (6 Feb) the dog went off its food and got worse the following week. It has been bright on walks but lethargic at home. Also vomited a few times (days unknown) On examination it had a temperature 103.1 and was dull. They gave a metacam. Bloods taken Hc.13 (3-55) MHC.17, 70 9.3-7) 8 RG. 50 (5.5-8.5) RDN 184 (24.7-17) Reful 368.2 (10-110) At T-c10(10-100). His had a test away for Coomb*s test, still awaiting this. However a blood smear was suggestive of Immune mediated haemolysis. Open case, await further information. Follow up 21 April 2017 No more information received, close case.	. Crossbred	20	(30/01/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 mt (30/01/2017- 30/01/2017)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-00983	United Kingdom	Human	Human	39 Year(s)	22/02/2017	13/03/2017	1 1	0 22/02/20	17 Not Known	Injection site swelling,Shivering,Injection site pair	Not n Known	A vet sustained a needlestick injury whilst vaccinating a dog. He does not think any vaccine was injected, but the needle was dirty. He felt shivery that evening, but was on antibiotic medication for a dental infection at the time. The following day, his finger was swollen and sore. MAH has received no further information.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,10 		
NOBIVAC L4	GBR-MERCKMSD-2017-	UK-01012	United Kingdom	Animal	Canine/dog	9 Week(s)	10/02/2017	20/03/2017	1	0 11/02/20	17 Yes, BR>ER R>BR>BR>ERSYES BR>BR>Not Known	Elevated AT. Elevated SAP. Electrolyte Goorder, Elevated lipase, Elevated gamma-glutamyl transferase (GGT), Beduced globulins, Diarrhoea, Vomiting, Corns al ondema, Oculini, Christian di contenza (Carlo), Carlo di contenza (Carlo), Carlo (Carlo), Carlo),	Not Known	Sagected Adverse Reaction On 10 Feb 2017, dog sectionated with first sectionation of Nobiac CHP. Nobiac Lci and Nobiac CC. on 14 Feb 2017, presented as do gen extent for 3 days and now lethagic, moderate dehydration, vomiting and disinfloors; given a Synulox injection and subcutaneous filled therapy. The digit beithe became very stressed and had oragine therapy as it was suspected a swollen larght and was admitted and stayed overright. On 15 Feb 2017, the puppy was radiographed and heart looked rounded and bodo tests were performed. Giscope 3.11 (2.8-8.34), Cros 11 (2.7-105), Todd 1 portion 1.2 (48-72), Albumin 20 (21-36), globulin 20 (23-38), Alt 13 (48-73), ALV 557 (46-537), GGT 4 (9.2), Lipses 2007 (1015-510), solidium 41 (145-517), chlorical study (3105-119) and was discharged from hospital. On 16 Feb 2017, eporthed filst overright, only rich vomiting has ceased and was admitted and placed on intervenous fluid therapy. On 17 Feb 2017, reported a gradual improvement and was eating and drinking small amount, the mild diarrhose was improving and was sent home. On 21 Feb 2017, no wontiles and dois jumproving well, eyes reported to be poper, cursty with a blue comes has elevel grady in both, started istafual oritement. Await further information. Canine Blue Eye Profile CAVI. Ab Titre 1446, CAV2 Ab 181. No ranges supplied Laboratory reported that that the dog suffered from natural CAV infection. Nothing further expected.	West Highland White Terrier	1.81	Nebbac DIP - 1,14/k,N/A, 10,1 ml 1 Animal 1(19/02/2017). In 10 Animal (19/02/2017). In 10/02/2017-1	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-01016	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	27/04/2017	1 1	1 01/01/20	16 Not Known	Immune mediated haemolytic anaemia,Death	Not Known	Suppected adverse reaction Limited information. Dog was vaccinated on an unknown with a Nobivac Lepto vaccine (best gues volvous c LI) The Gog developed immune mediated haemohytic anaemia on an unknown date after vaccination. Liminowni fish was confirmed. Report suggests the dog has died but this is uncertain. Open case, await more information. Follow up 27 April 2017. No more information received. close case	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (01/01/2016-01/01/2016) -BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-	UK-01030	United Kingdom	Animal	Canine/dog	2 Year(s)	25/02/2017	27/02/2017	1	0 26/02/24	17 Yes, BR>C R>BR>NO	Lex.cor/tosis.Neutrophilla.Increase dheart rate, Proinc-Conic selaure.Disorientation,Congested mucous membrane, Enlarged lymph nodes (generalised.Hypoghycaemia,Elevated bile acids,Elevated ligase,Pacing,increased packed cell volume control of the province of the acids, Elevated selause, Pacing,increased packed cell volume control of the province of the acids, Elevated selause, Pacing, Increased packed cell volume control of the province of th	t Other	Separate Months (1997) and 1997 and 199	French Bulldo	9.9	Neblaco DIP - 1,1/(A,N/A,10,1 ml 1 Amirinal 125/(3)(2)(3) - 1 25/(3)(2)(3)(3)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)(4)	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCXMSD-2017-UK-01036	United Kingdom	Animal	Canine/dog	8 Year(s)	21/02/2017	16/03/2017	1 1	1 27/02/20	R> Yes BR> BR>	Death by euthanasia,NT- intestinal tumour (adenocarrinoma/denoma/gastro intestinal stromal tumour (gist),Decreased packed cell volume (PCV),Decreased haemoglobin,Abnormal necropsy finding,Anaemia NOSL ow platelet court,Pale mucous membrane,Oral breding,Melaema,Blood in vomit,Monocytosis,Inappetence.Py raski,Regenerale,Blood in vomit,Monocytosis,Inappetence.Py rask,Bruising,Elevated SAP	No Data	Superted adverse reaction Vaccinated on 21 Feb 2017 with a restart vaccination course Nobisec DPF and KC and L4. Alow son toted It had mid heart disease and entail disease. See not 7 Feb 2017. Sillededing from its mouth, not wanting to eat. Pale microus membranes Heart murrum grade 4-6. temperature 40.4 a Bat tothol heavy. Blood States how ALVES 500 (12-12) Blood 231 (5.6-8-8.7) intermeted 10.2 (0.373-0.61). Hearngolden 78 (131-205) MCV 3.1 (0.16-73.5) MCV 18.1 (121-25.9) MCV 18.1 (0.16-73.5) MCV 18.1 (0.16-73.5) MCV 18.1 (121-25.9) MCV 18.1 (0.16-73.5) MCV 18.1 (0.16-7	5		Nobbac DHP - 1,M/A,N/A, 10,1 ml (21/07/2017) - 21/02/2017) eRP«BB-Nobbac K - 1,M/A,N/A,N/A N/A,N/A (21/02/2017) - 21/02/2017) eRP«BB-Nobbac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (21/02/2017) - 21/02/2017) eRP«BR->-(BR->-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01038	United Kingdom	Animal	Canine/dog	4 Month(s)	21/12/2016	13/03/2017	1 1	0 26/02/20	7 Yes, R> Not 	Lack of efficacy (parvovirus)	Not Known	Superced Lack of Expected Efficacy for parvo. On 21 Dec 2016, puppy vaccinated with Nobiusc DH and Nobiusc Lack on 19 an 2017, puppy vaccinated with second dose of Nobiusc DHP and Nobiusc Let Dec 2016 and Nobiusc Let Dec		9.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (98/01/2017)-88R~88R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (21/12/2016- 21/12/2016-81R>~68R>Nobivac Lepto 2 - 1,N/A,N/A, 10,1 ml 1 Animal (98/01/2017-888-88R>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01039	United Kingdom	Animal	Canine/dog	9.41 Year(s)	21/02/2017	01/03/2017	1 1	0 27/02/20	7 Yes, No		Other	Supected Adverse Reaction Vaccinated with hobbyac DIPP and Nobbrac L4 on 21 Feb 2017. Nobbrac L4 of L4 on 21 Feb 2017. Nobbrac L4 gleen at fridge representare (Earts albet Use). Presented on 27 Feb 2017 and reall in set, but large mass at succine site, oedernatous. Fine needle aspiration was taken and blood, no further investigation was carried out. Parinful, lethangic, Symptow was given. Nothing further expected. Follow up 1 Mar 2017 mass is now larger and extending round neck. The dog is lethangic with reduced appetite and mass is outly larger and extending round neck. The dog is lethangic with reduced appetite and mass is outly larger and extending round neck. The dog is lethangic with reduced appetite and mass is outly larger and extending round neck.	n Spaniel	8.8	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (21/02/2017- 21/02/2017)-BR->BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (21/02/2017-21/02/2017)-BR>>BR>	B - Possible	Timing/location/signs suggest probable product involvement. 2 vaccines administered.
NOBIVAC L4	GBR-MERCIONSD-2017-UK-01057	United Kingdom	Animal	Canine/dog	13 Week(s)	12/01/2017	29/03/2017	1 1	1 12/01/20	7 Yes,-BR>-BR>-BR R>-BR>-BR>-Not Known	Malaisa Appetitis Ioss, Biosted stomach, Swollen eye, Swollen joint, Pancreatitis, Fladd in abdomen NOS, Petechale NOS, Abnormal necropary finding, Enlarged lymph nodes (generalised, Juvenille cellultis (puppy stranges), Yomiting, Ataxia, Death, Psprexia	Not Known	Supercial Adverse Reaction On 1.2 Jan 2017, purpy succinated with Nobine CHF and Nobine L4 learned deallul workmon (On 1.3 Jan 2017, pursented to this practice for the first time and reports swelline neyes since succination and owner gave Pitron. Diagnosed with puppy strangles and was given Norcolay. Predistrolen and Princova. The temperature was 30.3 degrees Celsius, On 20 Jan 2017, which similar provides slightly and owner reported womited on 18 Jan 2017 and gresented with a bloated addomen and a faceal sample was taken. On 8 Feb 2017, results from faceal sample was negative for Glardia but positive for Isopona, started Metrobactin. On 16 Feb 2017, minimal improvement and was quel. On 18 Feb 2017, deteriorated and was taskic, volmiting and swollee) pinist. Admitted for intravenous fluid therapy and kept overnight and was discharged on 19 Feb 2017. On 20 Feb 2017, on phade a variable appetite and seemingly weeker and been drinking puppy mills. On 12 Feb 2017, the pup died and a post mortem was performed: clear free fluid in the abdomen, puncreas inflamed and adhered to caecum, ownerfum adhered to caecum, ownerfum and adhered to caecum, ownerfum and adhered to caecum, ownerfum and side caecum and upper large intestine and a large inguinal and submandibular lymph nodes. No further information expected. Follow up 16 Mar 2017. Adominant falled carbone experience for international experience in the control of the proper time of the control of the proper of paravories. In particular infection is a differential including Costorial disease fread is simple in paravories. In paravories calcum edited of CFV, the inferential election (CFV, the inferential reduction) as differential including Costorial disease fread is simple in paravories. In paravories and control of the cost of appear to be paravories but bacterial infection is a differential including Costorial disease fread is simple in CFV. The pupples litter that exist of the cost of t	y y	8.04	Nobisco 1019 - 1.14/A.N/A. 1.0.1 ml 1 Animal (1.29/1.027). 21/2017 - 1.29/2.19/2.19/2.19/2.19/2.19/2.19/2.19/	OI - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01062	United Kingdom	Animal	Canine/dog	3.3 Year(s)	08/02/2017	03/05/2017	1 1	0 26/02/20	Known,
 <</br 	Diarrhoea, Bloody diarrhoea, Lethargy (see also Central nervous system depression in 'Neurological'), Polydipsia, Vomiting	Not Known	Suppected adverse reaction. Vaccinated on 14 Jan 2015 and 22 Jan 2016 with Nobivac DHPPI and Lepto 2. Then on 11 Jan 2017 if was vaccinated with Nobiwac DHP and 14 and KC. 3 Feb 2017 had Nobivac L4 only, Abo and a unknown flea and worming dispersed but unknown if given. On 27 Feb 2017 presented with vomitting and diarrhoea for 24 hours. Drinking lots and vomiting, Diarrhoea has some blood in It, was lethange. They gave Cereina and seet in Home with Nutrible. The dog has no history of scavenging. On 1 March 2017 it was still lethange, they place it on Intravenous fluids and it became brighter. Conscious Xra was neaghter. They have than a faecal sample and sent this away. Await results, open case. Follow up 3 March 2017 No more information expected.	Rottweiler	38.5	Nobivac DHP - 1,N/A,N/A,10,1 ml (11/01/2017- 11/01/2017- BR>-BR>-Mobivac KC - 1,N/A,N/A _ 24,1 Dose (11/01/2017- 11/01/2017-BR>-BR>-Mobivac LG - 1,N/A,N/A _ 24,1 Dose (10/01/2017- 11/01/2017-BR)-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>	O - Unclassifiable/unassessa ble	insufficient information on diagnostics to assess case.
	GBR-MERCKMSD-2017-UK-01077	United Kingdom	Animal	Canine/dog	4.5 Year(s)	01/02/2016	01/03/2017	1 1	0 01/02/20	.6 Yes, BR> <b R> OBR>Not Known</b 	Seizure NOS,Muscle spasm NOS,Tachycardia	Not Known	Supercted Adverse Reaction. Vaccinated on 1 Feb 2016 with Nobiac ORP and Nobiac LAL immediately after the vaccine the dog had a minor seizure, tachycardic with muscle spasms. Lasted fo finindes, the dog hen went home. On an unknown time frame (but reported to be within minutes from the last seizure) the dog had another seizure and the dog was admitted. A third seizure was observed within 10 minutes of the vaccine. The dog had a total of 3 seizures within 55 minutes after the vaccine. No further seizures were observed. Further vaccines with Nobiac L4 were given in Mar 2015 with no seizures observed, howere Nobiac CHP and Robbiac L4 were given on 25 Feb 2017 and similar signs occurred-see linked case 2017-UK-01078 Nothing further expected.	Labrador r Retriever		Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (01/02/2016- 01/02/2016-BR-×BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/02/2016-01/02/2016)-BR-×BR>		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-01078	United Kingdom	Animal	Canine/dog		25/02/2017	01/03/2017	1 1	0 25/02/20	R> Not Known	NOS,Twitching,Hypersalivation	Not Known	Suppected Adverse Reaction. Vaccinated with Nobivac DFP and Nobivac L4 on 25 Feb 2017. 10 minutes after the vaccine the dog begin whiching, salivating and then had a seture. Further seitures within 10 minutes of the vaccine were observed. Vallarun was given, unknown outcome. The dog had been previously vaccinated with the same vaccines in Feb 2016 and had similar reaction, see linked case 2017-UK-01077. Nothing further expected.		26.7	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (25/02/2017- 25/02/2017) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (25/02/2017-25/02/2017) 		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01079	United Kingdom	Animal	Canine/dog	8 Year(s)	09/02/2017	02/03/2017	1 1	1 09/02/20	7 Not Known	Blood in urine, Incoordination, Increased salivation, Not eating, Death by euthanasia, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Blood in vomit	Not Known	Supercted Adverse Reaction Case reported from a newspaper article (ballyMail 1 march 2017, 3 Dogs are mentioned. 2 Of those were already reported previously in inkels cases 2016-14.0 C07277 and 2016- UK-04285. This case is for the third dog. On 9 Feb 2017, a dog was vascinated with Noblox L1 (unknown exact details, Reported within 24 hours of vaccination the dog developed a waying stance, salivating and not eating. Overnight the dog developed voniting blood and uninating blood. Dog presented 11 Fe 2017 approximately and perfeed up (unknown if treatment was geven) and a few hours later collapsed. The dog was euthansed on 12 Feb 2017. No further information expected.		Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,M/k,N/A, 1,0,1 ml 1 Animal (09/02/2017- 09/02/2017) 	O1 - Inconclusive	Close time association with initial signs, which could be due to a hypersentitivity reaction, but the subsequent deterioration and blood in urine do not fit the profile. No post mortem investigation done to investigate the cause of death. Product involvement is possible, however preexisting condition present which cannot be ruled out as cause of signs.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-01116	United	Animal	Canine/dog	9 Year(s)	01/12/2016	03/03/2017	1 1	1 17/12/2	016 Yes, <		Other	Suspected Adverse Reaction On 1 Dec 2016, dog vaccinated with Nobivac DHP and Nobivac L4 (not	Whippet	18	Nobivac DHP - 1,N/A,N/A ,10,1 ml 1	B - Possible	NCA agrees with the MAH assessment.
		Kingdom								R> >CBR>NO	pain,Non-regenerative anaemia,Namemia NOS,Mucous stoo(Weight loss,Pyreda,Lethargy (see also Certain nervous system depression in Neurological),Decreased appetite,Death by euthanasia,Ahonomal test result,Elevated total billrubin,Decreased cheatment (in the control of the contr		given at 10 com temperature – extra label usel and no other medications given at the same time. On 21 Dec 2015, feederab appetite (gines 12 Bez C2015, bit lethrangs), temperature 37 cells used the owner were unsure if the dog vomited but was given a Cerenia hijection. Blood letts: Billrubin 5.1 (4.2) and Cx 72 (425). On 22 cel 2016, fee sameline and was still givene; (5) 32 Celsius, good common of 1.49). On 32 Dec 2016, dog still lethrangs, prevait and a reduced appetite. Admitted for radiographs and an uthrasound but no abnormalities detected. Given Vetergeis, Cerenia, Randidine and intravenous fluid therapy. On 24 Dec 2016, dog is still in hospital, not extent and started Metronidazole, cannie pancerate (lapse normal and showing a pary stance posturing, mucoid darkness, given brandle as palnul abdomen. On 25 Dec 2016, dog is still in hospital, not extent and started Metronidazole, cannie pancerate (lapse normal and showing a pary stance posturing, mucoid darkness, given brandle as palnul abdomen. On 25 Dec 2016, to given and showed 30% (55-5) and dog was moderately anemic and was discharged that day with Synulox, Cerenia, Partials and Metronidazole. On 25 Dec 2016, started to deteriorate as was steharge; and temperature 34 or Continued medication. On 31 Dec 2015, started to deteriorate as was steharge and temperature 34 or and continued medication. On 31 Dec 2016, started to deteriorate as was steharge and temperature 34 or 21.2 (18.48. 26.) and was referred to a referral practice for joint tapping (unknown exact celasis). On 31 no 2017, sightly ingivering rained common weight loss (18.88). On 19 and 2017, dog still unwell and temperature with normal instruction. On 17 Dec 2017, PCV 78 (35-57), turber weight loss (13.78), letthargic and pathologicit diagnosic dimmenentialed, non-regenerative american. The object to the same day and had unexplained an oriented and recent of the man and was declarated to the other of the total started day to the other and continued and coloration of the other other and continue			Animal (01/12/2016- 01/12/2016-BR-NebN-oblava L4 Suspension for Injection for Dogs - 1,N/A/A/, 10.1 I Animal (01/12/2016-01/12/2016)-BR-		
	GBR-MERCKMSD-2017-UK-01132	United Kingdom	Animal		1.3 Year(s)			1 1		117 Yes, No Known	Low platelet Count, Eosinophilia, Leucocytosis, Ly mphocytosis, Neutrophilia, Tachycat dia, Non-regenerative anaemia, Inappetence, Lethargy (ser also Central nervous system depression in Neurological'), Decreased packed cell volume (IPCV), Basophilia, Anaemia NOS, Pale mucous membrane	Not Known f	Sapected Adverse Reaction Vaccinated with Nobwac DPP and Nobiac L. 6 on 28 Feb 2017. Presented on 3 Mar 2017 and owner reported that since 1 Mar 2017 the dog has been lethangic and inappetant. On examination the dog was flut tachycardic, pale musicus membranes and lethangic. The dog was admitted and placed on intravenous fluids. Bloods were taken, Hematocri 32 (37:55), Red Blood Cells 6.48 (56:54), Shafest 19 (17:55), Oll, Professor 19 (17:55), Oll,	Miniature Schnauzer		Nobixe DHP - 1,N/A,N/A,10,1 ml 1 Animal (28/02/2017) - 28/02/2017/98R>8R>-Nobixac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml Animal (28/02/2017-28/02/2017)-BR>-BR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-01139	United Kingdom	Animal	Canine/dog	11 Week(s)	17/02/2017	03/03/2017	1 1	0 17/02/2	017 Yes, Yes	B Diarrhoea,Comeal oedema, Uveitis, Closed eyelid,Sore eye	No Data	Suspected Adverse Reaction. On 17 Feb 2017, Oog vaccinated with Noblace DHP and Noblace LLO on 1 Mar 2017, Gwebopd darnhoes since vaccination but has now developed as one right eye and was closed on examination and given Isathal. On 3 Mar 2017, presented with a right eye corneal oedema, usetts and fluro negative. Given Metacam, Pred forte drops, Acular and Nisamox and discharged. No further information expected.	Border Collie	6.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2017- 17/02/2017):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (17/02/2017-17/02/2017) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0114S	United Kingdom	Animal	Canine/dog	7 Month(s)	05/09/2016	03/03/2017	1 1	0 11/01/2	117 Yes, BR> No Known	a Lack of efficacy t (parvovirus), Injection site lump	Not Known	Suspected Adverse Reaction 8. Suspected Lack of Expected Efficacy On 5-59 2016, dog vaccinated with second dose of Nobloxu CLP and 11a 2017, dog was quiet on a walk, subdued and womated in the day. On examination had abdominal discomfort, drooling and slightly dehydrated, gene intraversors for utility therapy, Randition, Atternational Sea and Cerenia. On 12 an 2017, dog has produced haemonthagic diarrhose and refused food. On the clinical examination, was quiet, depressed and goven Nisamox, Omegrazole and Nutribo. On 17 Jan 2017, improving and faces normal and a fump observed at Injection site. On 7-feb 2017, failure to gain weight and faces now variable and not abnormalities detected on examination. Dog had a reaction after first vaccination involving blood in faces: Sea limited faces: 2017.1/Lillure Lillure.	Hungarian Short-haired Pointing Dog (Vizsla)	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (05/09/2016- 05/09/2016-)8R>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (05/09/2016-05/09/2016)-BR> 	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01147	United Kingdom	Animal	Canine/dog	12 Year(s)	11/04/2016	06/03/2017	1 1	1 01/06/2	016 Not Known	Lethargy (see also Central nervous system depression in "Neurological"), Weight loss, Immune mediated haemolytic anaemia, Inappetence, Death by euthanasia	Not Known	Suspected Adverse Reaction On 11 Apr 2016, dog wacroinated with second dose of Nobbac Lt. In Jun 2016, dog became lethragic, langepetant and weight loss. On 200, alog 2016, dog became presented and was unwell (unknown details) but tests were performed and treatment for IMMA was given (these are all the details that are known). On 9 Sep 2016, the dog was euthanased (not details given). No further information expected.	Crossbred	14	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (11/04/2016- 11/04/2016) 	O - Unclassifiable/unassessa ble	Product involvement inconclusive.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01148	United Kingdom	Animal	Canine/dog	7.58 Year(s)	01/03/2017	10/03/2017	1 1	0 05/03/2	117 Yes, <r r="">BR>CBR>No Known</r>	B Pyrexia.Lethargy (see also Central to nervous system depression in Neurological J.Inappetence, Decreased appetite, Drinking a lot.Injection site warmth.Injection site swalling.Injection site saventher site absers, abornmal test result.Vomiting	Not Known	Suspected Adverse Reaction. On 1 Mar 2017, do gwaccinated with Nobbusc DHP and Nobbusc L4. On the same day a vaccine developed an impection site fump, lethragin and off food. on 5 Mar 2017, presented to emergency practice and on clinical examination was lethragic, temperature 39.8 degrees. Cedius and large swelling at letyction store. The injection is two spiniful and vet appriate but no thing was drawn out and swabbed sent for a culture. Blood tests performed but no abnormalities detected and was given thestcam and symbios injection. On 6 Mar 2017, presented to normal practice and had been eating but did vontrit that morning and temperature 39.8 degrees Cebius, Started a course of the same size, and it controls the control of the same size and its coloring more real rearrors. The control of the same size and strong more real rearrors. In the color of the same size and strong more real rearrors. In the same size and strong more real rearrors. In the same size and strong more real rearrors. In the same size and strong more real rearrors. In the same size and strong more real rearrors. In the same size and strong more real rearrors.	English Cocker Spaniel	r 10.5	Nobivac DHP - 1.N/A.N/A.10,1 ml 1 Animal (01/J03/2017- 01/03/2017-BR->BR->Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A.10,1 ml 1 Animal (01/03/2017-01/03/2017)-BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-01160	United Kingdom	Animal		1.2 Year(s)	30/03/2016	06/03/2017	1 1	0 02/05/2	Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known, Known	Meningitis	Not Known	Suspected adverse reaction Vaccinated on 30 March 2016 with a second Noblwac DHP and L4 and KC, gleen Advocate to glo home with. 27.49 r20.17 Vaccinated with Noblwac Pano C, (Noblwac L4 was not gleen but advised), admitted on 2 May 2016 with Meninglis, Cerebrospian fluid was taken for languisods of this. They treated with Calapsentia and Serools. 21 May 2016 returned to normal and steroids were reduced. Fully weared off steroids in July 2016. No more information expected	Bullmastiff :		(30/03/2016- 30/03/2016)-BR>-BR>Nobivac KC - A,N/AN/A 1,0,0,4 ml (30/03/2016- 30/03/2016)-BR>-BR>Nobivac LA Suspension for injection for Dogs - 1,N/AN/A 1,0,1 ml (30/03/2016- 30/03/2016)-BR>-BR>Nobivac Pavo-C - 1,N/AN/A 1,0,1 ml (27/04/2016-27/04/2016)-BR>-BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIMASD-2017-UK-01177	United Kingdom	Animal	Canine/dog	8 Month(s)	24/07/2016	08/05/2017	1 1	0 28/12/20	D16 Yes, BR> <gr><gr> <gr> <b< td=""><td>a Lack of efficacy (parvovirus)</td><td>Not Known</td><td>Suspected Lack of Expected Efficacy On 26 Jun 2016, 60g vaccinated with first Noblava CHP and Noblava CHP and Noblava CHP and Intellegent of the Noblava CHP and Intellegent CHP and Intel</td><td>German Shepherd Dog</td><td>27</td><td>Nobiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (1)0/07/2016- 10/07/2016-RBN-28B-Nobivac KC - ,A/N,A/N,A 1,00,4 ml 1 Animal (2,4/07/2016- 2,4/07/2016- 2,4/07/2016- 3,07/2016-RBN-Nobivac L4 Suspension for Intellection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (2,4/07/2016-24/07/2016)</td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></b<></br></gr></gr></gr>	a Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy On 26 Jun 2016, 60g vaccinated with first Noblava CHP and Noblava CHP and Noblava CHP and Intellegent of the Noblava CHP and Intellegent CHP and Intel	German Shepherd Dog	27	Nobiac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (1)0/07/2016- 10/07/2016-RBN-28B-Nobivac KC - ,A/N,A/N,A 1,00,4 ml 1 Animal (2,4/07/2016- 2,4/07/2016- 2,4/07/2016- 3,07/2016-RBN-Nobivac L4 Suspension for Intellection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (2,4/07/2016-24/07/2016)	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4		Ki	Inited Ingdom	Animal	Canine/dog	8.5 Year(s)	27/09/2016	18/05/2017	1 1	0 07/03/20	Known	NOSJmmune mediated thromborytopenia, Mucosa petechiae, Bruksing, Skin petechiae petechiae, Bruksing, Skin petechiae	Not Known	Suspected Adverse Reaction Vaccinated with primary Notivac L4 on 30 Aug 2016, boostered on 27 Sept 2015. Advecter was given in Dec 2016 and then again on 27 Feb 2017. 6 Mar 2017 the dog presented as ryaged claw and needed seating and to remove the mail. This was carried out on the 7 Mar 2017. When the Vet removes the nail there was excessive bleeding, and then a bruise in groin and vertical was reported. On further continuation the Bog had perceivate on mouse membranes, perpect external was noticed. On further continuation the Bog had perceivate on mouse membranes, perpect range IC orgalitation profile at the hospital was normal, Plateist 4 (200-500), PcV 40% (15 -7%), The dog was sent home with no treatment. Irrivally its being carried out, await result follow up 8 May 2017. Irrivally is the profile of the profi	t: e e d	14.5	Advocate Spot- on Solution for Large Dogs - 1,N/N,N/A,N/A,1 VIA,VIA/M/A/DOGS 1,N/A,N/A, N/A,1 VIA/M/A/DOGS 1,A/A/A/DOGS 1,A/A/A/DOGS 1,A/A/A/DOGS 1,A/A/DOGS 1,A/A/DOGS 1,A/A/DOGS 1,A/A/DOGS 1,A/A/DOGS 1,A/A/A/DOGS 1,A/A/A/DOGS 1,A/A/A/A/DOGS 1,A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/	O - Unclassiflable/unassessa ble	Patelets might have been low since vaccination without signs. Product involvement unlikely, although cannot be excluded.
	GBR-MERCKMSD-2017-UI	KI	Inited ingdom	Animal		11 Week(s)	10/02/2017	10/03/2017	1 1	0 10/02/20	Known, Not Known	Lack of efficacy (parvovirus)	Known	Suspected lack of efficacy for pano Vaccinated at a different practice with Nobiwa CDRPP and L4 (exact age of the dop at this time winkows but is currently 15 weeks at the time of report) No information on timings or what clinical signs it had but the puppy developed parvovirus. Unknown how this was diagnosed. The puppy has recovered. Open case, avail more information. Follow up 10 Mar 2017 - Updated date of birth and batch numbers. Vaccinated with Nobiwac DRPPI and Nobbwac L4 on 10 Teb 2017 (6 weeks old and 6 days) at a different Practice not the reporting Practice. 2 Mar 2017 presented to emergency Practice with vomiting and diarrhoes. 3 Mar 2017 Parvo snap test positive. Intra venous fullad and antibiotics were given and the dog was discharged on 6 Mar 2017 with continued antibiotics which finished on 8 Mar 2017. Re seen on 9 Mar 2017 and reported to be doing well. Mothing further expected.	Crossbred v	Known	Nobivac DHPPI, Lyophilisate for Suspension for injection for Dogs - 1,N/AN/A, 1.0.1 ml (10/02/2017- 10/02/2017)*BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A, 1.0.1 ml (10/02/2017- 10/02/2017)*BR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UI		Inited Ingdom	Animal	Canine/dog	1.4 Year(s)	25/01/2017	09/03/2017	1 1	1 13/02/20	I,7 Yes, ABR-ABR-AE R>GRASENSES GBR>GBR>GBR> BR>GBR>NO		Other	Suspected Alverse Reaction Vaccinated with Nobbus DHP, Nobbus LL and Nobbus KC on 25 Jan 2017. Nobbus L also pain a fright getempeature (Extra Jabel Usy) 31 Feb 2017 presented off rodiou with a small bruise on right tright, Given Loxicom. 27 Feb 2017 re presented with severe bleeding from game No obvious wounds, bloods taken. APT1 78 sectonds (7-10 Excends), White Blood Cells 34 (6-15, 71 Excends), Feb 2017 presented and antitied. White Blood Cells 34 (6-15, 71 Excends), Feb 2017 presented and antitied. White Blood Cells 30 (6-15, 74, Red Blood Cells 20) (5-8.51, Hearmost 14.7 (44-57), Platelets 31 (200-460), Creatinine 43 (44-159), Trotal Protein 48 (52-82), Albumin 20 (22-99), Potassium 32 (3-5.58), Independent of the Cells 31 (6-15), Platelets 31 (200-460), General median antibiotics given. Reported to have been diagnosed with Immune Mediated Thrombocytopenia, but unknown how diagnosed. 1 Mar 2017 Decasterous has been continued, White Blood Cells 31 (6-15), Red Blood Cells 31 (6-15), Albumin 20 (7-6),		6.6	Nobiwa CHP - 1,4/N,N/A,0,1 ml 1 Amimal (25/01/2017-8R-Nobiwas K-1 -4,N/A,N/A,10.0 ml 1 Amimal (25/01/2017- 25/01/2017-8R-NB-Nobiwas L4 Suspension for Injection for Dogs - 1,N/A/M, A1.0 ml 1 Amimal (25/01/2017-8R-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-	O1 - Inconclusive	Reported to have been diagnozed with Immune Medited Thromotopyceneia and this can be caused by any antigenic challenge, including vaccination. Reasonable association in time with initial clinical signs. Three vaccines administered. A relation with vaccination is possible.
NOBIVAC L4	GBR-MERCKMSD-2017-U		Inited Ingdom	Animal	Canine/dog	2.1 Year(s)	03/03/2017	10/03/2017	1 1	0 04/03/20	17 Yes, <c R> No</c 	Seizure NOS	Other	Suspected Adverse Reaction On 3 Mar 2017, dog vaccinated with Nobhox L4 (not given a troom temperature – extra label use) and Nobivac KC, fit and well and no other products given at the time of vaccination. On a Mar 2017, dog had a seture (unknown how long it lasted), the dog has had setures before – approximately 8 months ago and is not on any medication for this. No further information expected.	Beagle	15.95	Nobivac KC - 1,N/A,N/A,10,1 ml 1 Animal (03/03/2017- 03/03/2017): BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (03/03/2017-03/03/2017) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UI	Ki	Inited Ingdom	Animal	Canine/dog	,	23/02/2017	10/03/2017	1 1		I7 No, <br≻br≻s R≻BR>Yes</br≻br≻s 		Other	Suspected Adverse Reaction Vaccinated with Nobbwa P and Nobbwa L to an 23 Feb 2017. Given at fridge temperature (Israt Jabel USe, Jaggressive day and difficult to vaccinate. Onness were unable hold the dog very well for vaccine. 9 Mar 2017 presented for flables vaccine and owner reported that the dog was unable to walk for 3 days after previous vaccination. Owners feel it is the Vets fault when vaccinating. Rables was given in the back leg. Nothing further expected.	Jack Russell Terrier	6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (23/02/2017-23/02/2017\cdotR-Schen-Robivac Pi, Lyophilisate and Solvent for Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (23/02/2017\cdotR-Schen-Rock)	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCHANSD-2017-UI		Inited	Animal	Canine/dog	2 Year(s)	02/03/2017	23/03/2017	1 1	0 02/03/20	I7 Yes, ABR~BR~E P~BR~BR~BK~E «BR~GR~BR~BR~ BR~BR~Not Known		Not Known	Suspected Alverse Reaction On 2 Mar 2017, dog vaccinated with Nobbuco IPH, Nobbuc L 4 and Nobbuco KC, fit and well at time of vaccination and no other products given at the same time. On 13 Mar 2017, reported became unwell since vaccination furnions neasct date), developed lethargy, circling, bumping into things and now blind, Awali further information from disapposts. Follow up 15 Mar 2017 History received, 13 Mar 2017 the dog was presented and reported that after the vaccine on 2 Mar 2017 the dog started to line; goad the started to scrib to the left. On 12 Mar 2017 the dog stopped earling, On examination on 13 Mar 2017 the days and as a started so bumping into things. No response to sound Examine, On examination on 13 Mar 2017 the blinds, who have diff to the circling to the left, bumping into things. No response to sound Examine, On examination on 13 Mar 2017 the days was not as active as usual practice. Object and depressed, mild syphosis, compolitive tight circling to the left. Knuckling absent on right fore and right hind. On eye exam left sided werno lateral stratishmus, on repressure slows as the creating when a contrast the stratishmus and the stratistic stratis stratistic stratistic stratistic stratistic stratistic stratist		1.45	Nobiac DIP - 1,N/AN/A, 0,1, ml 1 Aminal (02)/3027019-RR-RBT-Nobiac KC- AN/AN/A, 10,004 ml 1 Animal (02)/03/2017- 02/03/2017-02/03/2017-02/03/2017-03/03/20	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC LA	GBR-MERCXMSD-2017-		United Kingdom	Animal	Canine/dog	4 Year(s)	06/03/2017	17/03/2017	1 1	1 08/03/2	R> SR>-BR>-BR> SR>-BR>Not Known	Elevated total bilirubin, Elevated SAP Abnormal ultrasound finding, Increased coagulation time, Elevated gamma-glutamyl transferase (GDT), increased pack cell volume [PCV], Monocytosis, Intestinal GDT, increased pack GDT, increased pack GDT, increased pack GDT, increased pack GDT, increased GDT, increased	Not Known	Suspected adverse reaction Vaccinated on 7 Feb 2017 Nobivac DHP and L4 and KC. Then again on 6 March 2017 Nobivac L4. Had Nitroscanste (Bob Martin worme) on a unknown date but around this time. At the time it was noted it had mammary development. Seen on 12 March 2017 with a history of 4 days of vormiting and not eating also lethangs. Dog has been eating peannts from the squirred food, there were peanus in the wormt. Also owners are having budging work fore and the 6 og has access to water with red oxide paint in it. It had faces with filst daped worms in 1. Had letters on examination, themselves the control of the seen and patential across which is the seen of the seen and patential across hads. Ultrasound showed entaged gallbladder, increased eclogenicity of the liver and patential across hads. Plantanum of the seen of t	English Cocker Spaniel		Nobivac DHP - 1,N/A.N/A, 1,0.1 ml (07/02/2017- C) (08/08-08-08-08-08-08-08-08-08-08-08-08-08-0	O1 - Inconclusive	NCA agrees with MAH assessment NCA agrees with the MAH assessment.
			Kingdom								R> No Not Known	(see also 'Cardio-vascular' and 'Systemic disorders' J.Unable to stand		used from the fridge (Extra Label usel, Panacur 10% liquid was also dispensed and started this on 3 Mar 2017 for 3 consecuted days. Cower presented the dogs on 4 Mar 2017 in a collapsed state and unable to stand. On examination the dog was hypothermic, brady-cardic with a temperature 97.0 Fahrenhelt. Warmed up and gword symbols and Desaderson, improved as the moming progressed and the fully recovered, unknown exact time of recovery. The dog was then discharged the same day. Nothing further expected.			Suspension for Injection for Dogs - 1.N/A/N.A.10.1 m 1 Animal (03/03/2017 - 03/03/2017)-8RP8RP-Nobivac L4 Suspension for Injection for Dogs - 1.N/A/N.A.10.1 m 1 Animal (03/03/2017 - 03/03/2017)-8RP->8RP-Panacur Small Animal 10% Oral Suspension - 3.124 Hours, 150 m 124 Hours 1 Animal 3 (03/03/2017 - nof/03/19/19/19/19/19/19/19/19/19/19/19/19/19/		
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-01321	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	15/05/2017	1 1	0 01/01/2	16 Not Known	Abortion	Known	Suspected Adverse Reaction On an unknown date, dog vaccinated with Nobivac L4 at another practice (exact details unknown), the dog was vaccinated whilst pregnant (unknown how many days pregnant). On an unknown date, 10 puppies died before full term pregnancy. Await further information. Follow 15	Leonberger	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa ble	Await further information.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-01332	United Kingdom	Animal	Canine/dog	2 Year(s)	14/03/2017	14/03/2017	1 1	0 14/03/2	17 Yes, BR> R>BR>NO Known	Pale mucous t membrane,Incoordination,Letharg (see also Central nervous system depression in 'Neurological'),Tachypnoea	Not y Known	May 2017 - No further information received. Case closed. Suspected adverse reaction Vaccinated on 14 March 2017 with Noblvac DHP and L4. Then 5 minutes later the dog walked into the car park and event floopy, returned to the surgery very flat, with pale mucous membranes, lethargy and Respiratory rate of 60/min. She was admitted and given intravenous Decadresion and had a blood pressure of 140. They did an ultrasound which was normal. Her colour improved and breathing returned to 24/min. Though was still lethargic and floopy. No more information executed.	Crossbred	6.1	01/01/2016) RR><8R> Nobivac DHP - 1,N/A,N/A,10,1 ml (14/03/2017- 14/03/2017) RR> Supension for Injection for Dogs - 1,N/A,N/A,10,1 ml (14/03/2017-14/03/2017-14/03/2017-14/03/2017-14/03/2017-18R><8R> RR> RRS 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-		United Kingdom	Animal	Canine/dog		11/11/2016	15/03/2017	1 1		17 Not Known	Lack of efficacy	Not Known	Sepected Lack of Expected Efficacy for Legito On 11 Nov 2016, deg vaccinated with annual Nobivac LAC On 18 Jan 2017, log presented with womling and justiced and was admitted and piaced on intraversors fluid therapy and symptomatic treatment. WBC 22, 38 (6-1), Neutropolis 19.73 (1-12), ReSC 82, 52.5-53, Neb 19.2 (1-21), ReNC 19.01 (1-2), Cert 22, 18.01 (1-2), Neutropolis 19.73 (1-2), ReSC 82, 52.5-53, Neb 19.2 (1-2), ReNC 19.41 (1-2), Sel 19.01 (1-2), Neutropolis 19.73 (1-2), Sel 62, 18.01 (1-2), Neutropolis 19.73 (1-2), ReSC 82, 18.01 (1-2), Neutropolis 19.73 (1-2), Neutropolis 19.73 (1-2), ReSC 82, 19.73 (1-	Jack Russell Terrier	4.8	Nobwa L4 Supension for Injection for Dogs - 1,04,04/,01 ml 1 Animal 11/11/2016-11/11/2016-BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-		United	Animal	Canine/dog		09/03/2016	16/03/2017			36 Not Known	Wound'swollen limb,Elevated triglyceride,Muscle artophy (see also 'Muscle wasting'),Platelet disorder (with the see also 'Muscle wasting'),Platelet disorder NOSLymphopenia,Diarrhea,Distriction of abdomen,Vomiting-Hyperadrenocc rickism,Conjunctivis,Povliging, Pov yuris,Cough,Skin sore,Death by euthhansia, Inappeterce, Localied pain NOS (see other 'SOC' for specific pain),Swelling (nOS shoormal test result,General hair loss,Local swelling (not application site),Skin abscess,Pancreatits,Hyperghyaem a,Biood in urine,Proteinuria,Hyperphosphatar mia,Elevated BUN, Elevated Lotal bilirubin,Elevated Lotal bilirubin,Elevated Lotal bilirubin,Elevated SAP Abnormal lutrasound finding,Increased Control (See Control	Not Known	Sepected Adverse Reaction On 9 Mar 2016, do yet excinated with Nobiac C1 and on 7.1 Mar 2016, owner reported dolg became polyuris and any time sample was taken and no abnormalistics detected. Blood tests performed. ALRY 200 (0-160), ALT 210 (0-110), cholesterol 10-9 (2-9-8-2) and total pulliphoid 16 (0-15). Or 24 Mar 2016, is 4 error for cubing's vas performed and drinking had subsided and was not diagnosed with Cubing's Glessee. On 7 Apr 2016, a urine sample was taken and showned a Trace of Blood, executed and control of the company of the	Golden	Not Known	Nebwac L4 Supension for Injection for Opes - 1,04,04/4,01 ml 1 Animal (09/03/2016-09/09/03/2016-09/009/009/009/009/009/009/009/009/009/		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-01376	United Kingdom	Animal	Canine/dog	8 Week(s)	12/01/2017	29/03/2017	1 1	1 12/01/2	17 Yes, No R>BR>No Known	Mycardifis, Lose stoolDeathAbnormal necropsy finding	Not Known	Sespected Adverse Reaction. On 12 Jan 2017, puppy reactivated with Nobius CHP and Nobius L1. The pup ided on 15 Mar 2017 (unknown details) and the veterinary practice have completed a post morter examination and samples have been sent for histopathology. Await further information. The puppies other littermate also had an adverse even trop structional on Nobius CHP and Nobius CLP and the vaccine and idea on 15 Mar 2017. For notines stated microardists with a differential diagnosis of parrowins impocratists. These lesions develop due to the infection in late prenatal life. Viral inclusions are not abserved but with the death of the other puppy makes it more likely. Other differentials are Necopora and Toxoplasma. This is a long standing lesion which gradually progressed until it destroyed exough cardiac muscle not to be compatible with life which would explain the sudden death of the puppy. Nothing further expected.	Rottweiler	Not Known	Nobiwa C HP - 1,1/(A,N/A, 10,1 ml 1 Animal 1(2,0/12,017) + BR> <br-nobiwac 4<br="" l="">Suspension for injection for Dogs - 1,N/A/M, 10,1 ml 1 Animal (12/01/2017-12/01/2017) + BR> </br-nobiwac>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-01406	United	Animal	Canino/do-	7 Vesele)	15/03/2017	16/05/2017	- 1	l a	15/03/2017	Vac	Seizure NOS,Elevated	No Data	Suspected adverse reaction. Vaccinated on 15 March 2017 with Nobivac L4 nothing else was given at	Crossbred		Nobivac L4 Suspension for Injection	B - Possible	Timing/signs consistent with possible product
		United Kingdom	Amirfal	canine/dog	7 Year(s)			1	. 0		Tes	lipase,Thrombocytosis,Hyperglycae mia		the same time. Then a few hours later it had a cluster of 3 seizures. Each cluster consists of 2-3 seizures Issting 2-3 minutes. These coursed in three occasions and each seizure of 10-15 minutes apart, it has a quieter pre ictal period and a noticeable excitement post ictal recovery. One episode occurred on 13th and on 16th and one on 17th March. Seen on 17 March 2017. Sloods staken show Lipase was 1854 (-1800) Glucore 10.14 (-7.59) Platetest 699(-500), ALIV high (Values and ref range is unknown). They placed on 30 mg Episher (Prehorbaltrilors). The dog is very overweight. Await more information. Follow up 16 May 2017 No more information received, case closed		12	for Dogs - 1,N/A,N/A,10,1 ml (15/03/2017-15/03/2017) 		involvement.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01430	United Kingdom	Animal	Canine/dog	11 Year(s)	13/03/2017	29/06/2017	1 :	1 0	15/03/2017	Yes	Injection site swelling.Injection site pain.Injection site warmth,Ahorornal test result,Pyrexia	No Data	Suspected Adverse Reaction Vaccinated with primary Volbivac L4 on 13 Mar 2017. 15 Mar 2017 owner presented the dog used to a swelling at two containst nise. On examination there was no swelling but the dog seemed painful when stroking the neck area. Desadreson was given. 17 Mar 2017 the dog was presented with a form by 6 cm swelling visit vaccine site. Suspected seroma. Transdal owas given. 13 Mar 2017 presented to the emergency Vets, temperature 10.4. I Pahrenheit, hard swelling in between shoulder blades, hot to touch and painful, Symlox was given. 20 Mar 2017 deterrated and admitted for intra venous fluids and bloods were taken. Panned to aspirate the swelling, Awalf further formation. Follow up 16 May 2017 - ronting further has been received, closed on PML. Follow up 29 Jun 2017 - practice reported that Streptococcus Canis was isolated on 23 Mar 2017. No further information. Follow up.	English Cocker Spaniel	r 13.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Arimal (13/03/2017-13/03/2017)-EBR>-EBR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCIMISD-2017-UK-01438	United Kingdom	Animal	Canine/dog	12 Week(s)		17/03/2017	1	1 1	14/03/2017	Not Known	Elevated gamma-glutannyi transferase (GGT).Hypochloraemia,Decreased packed celiv Johne (PCV),Ahormal ultrasound finding, Elevated total bilirubni.Elevated creattinine, Elevated BIN.Hyperphosphataemia,Abdomi nal discomfort,Ahoromal test result,Dehydration,Ahoromal posture NOS,Weight loss,Letharpy (see also Central nervous system depression in "Neurological").Inappetence,Death, Anuria-Hypercal caemia, Adipsia, Jau ndice, Vomitting, Hamorrhagic diarrhoea, Jipercalivatio n,Leucocytosis, Neutrophilia	Not Known	Saspected Adverse Reaction Vaccinated with Nobiusc L4 on 12 Mar 2017. Primary vaccine was carried out not at responing Practice. Unknown dates given. Advocate and Dronott was dispensed at the same time, but it is unknown if given. 15 Mar 2017 presented and reported to have vomited on 14 Mar 2017 and then developed dismrhoes with or progressed to havemings disarrhoes. The day was also inappetant and lethangic and not drinking, On examination the dog had lots of salks and weight loss inappetant and lethangic and not drinking. On examination the dog had lots of salks and weight loss since vaccine-responded to be O.S. give 1 agus, Cerenia, Mertopactin and Nissmow was given shong with gastro intestinal floot. 17 Mar 2017 owner has been unable to give the medications. Mildly dehydrates hanging head and deheting is Significant given in the design of the design of the same short of the design	Akita		Nobiwa: L4 Supendion for Injection for Dogs - 1J/A/M, 10,1 ml 1 Animal 12/03/2017 12/03/2017)-BR>-BR>		NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01438	United Kingdom	Animal	Canine/dog	2 Month(s)	13/03/2017	20/04/2017	1	1 0	15/03/2017	Not Known, BR> >CBR> No, >BR> No, >CBR> No, >BR>	Injection site swelling.Dehydi ation,Hyperthermia,Lethargy (see also Central nervous system depression in 'Neurological'),Weight loss,Inappetence	Other	Suspected Adverse Reaction Vaccinated with Nobiusc DHP and Nobiusc 1.6 on 13 Mar 2017. Given from friging Estra table Use). Micro-Oping at the same time 1.5 Mar 2017 presented to emergency Vets with a swelling at vaccine site. Lethargic and inappetance with vomiting and distribusa. Temperature 3.9 & cleibus. Gehean arbitiot and anti emeter. J Than 2017 still not eating and continued to vomit over past few days. Lost 800 gammes of weight over 4 days, dehydrated. Admitted for intra venuous fluids and bloods being carried out. Awall Futher findmation. Follow by 0.04 p. 2017 a presented for second vaccine on 10 Agr 2017 and reported to have fully recovered with no reactions observed after the vaccine. Nothing further expected.	Crossbred	4.9	Identification Chip - 1,N/A/N/A, 24,1 implant 1 Anima (13/03/2017)-13/03/2017)-8R>-8R>Nobivac DHP 1,N/A/N/A, 1,0,1 ml Not applicable 1 Animal (13/03/2017)-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-13/03/2017-8R>-8R>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-01461	United Kingdom	Animal	Canine/dog	4.5 Year(s)	17/03/2017	20/03/2017	1	1 0	17/03/2017	Yes, KBR>Not Known	Tarry or black stool (see also hamomorals) and amemorals dismense also do in some Preputal prolapse Moist eccena, Skin leichen NOS, Hyperthermia, Almomral test resulf-racial racific fror utricaria see immune SOC, Localised racials, Swollon feet, Hypoalbuminaemia, Pancreathi, S, Hypergycaemia	Not Known	Sapected Adverse Reaction On 17 Mar 2017, dega vaccinated with annual booster of Nobbuc CHP and Nobbec L4. The same day developed unitariation of nex and reads not storands, byen Decaderson and 3 hours later fully resolved. On 18 Mar 2017, started vomiting with blood in it and diarrhoes that is back melenan. The dog was admitted and started intravenous full therapy, Cerenia, Rankfolder, Metronidszole and Emeptid. Blood results: total protein 48 (50-72), albumin 23 (26-40), Gamma GT 2 (41), gloscos 66 (2-63), sodium/postassum and 38 39 (27) (27), peutrophis 14.3 11, 5-12), On 20 Mar 2017, a canine pancreatic lipase test performed was altonomal and given Synulous and Pro-Bind and Pano sosp test regarders. On 22 Mar 2017, owner reported swelling on four feet and that propose is elongsted and bouting floor (owner adamant wasn't like that prior to vaccine). Developed with excerns on scrotum and erythema as longer groups are sized erytheratious lesions along wintom, the dog was discharged and clinical signs have continued. Await further information. Follow up 24 Mar 2017: the dog appears to be improving, erythema has resolved and the dog has started to est with no further durinces. Nothing further experted.	Basset Hound	32	Nebbus CHP - 1,1/L/N/A 10,1 ml 1 Animal 17/30,2017. 17/00.1 ml 1 Animal 17/30,2017.4 RN-818-Nebbus L 1 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (17/03/2017-17/03/2017)-88>-88>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-01464	United Kingdom	Animal	Canine/dog	2 Month(s)	15/02/2017	22/05/2017	1	1 0	23/02/2017	Yes, KBR>Not Known	Vocalisation, Elevated creatine- kinase (CX), Leucorytosis, Lymphocytosis, Hy pyercalcaemia, Seizure NOS, Cricillo neurological disorder (see also Behavioural disorders'), Inappetence, Malaise, Ab normal test result, Hyperglycaemia, Hyperghosp hataemia, Elevated SAP, Decreased packed cell volume (PCV), Anaemia NOS	Not Known	Sappeted Adverse Reaction. On 15 feb. 2017, day secriment with Nobivac DIPP and Nobivac Li. On 2 feb 2017, pupply became guide, screaming, off food and circling to the left constantly that progressed to have seluraes. The dog was presented and bloods were performed: total calcium 3.11 (2-3), bhosphate 2.8 (0.8 -0.1, AUR 195 (0.9 5), glucore 7.6 (1-5.5), CK. 351 (0.19.0), Ref. 29.8 (5-5.5), hemenoglobin 3.1 (12-18), MCT 30.3 (17-55), MCTC 30 (3.0-3-7), WBC 18.5 (6-15), hymphocytes 12.27 (1-4.8). The dog was sent home with lacticuse and hepatic der. On 2 feb 2017, he dog was some overright (no exact details given) and in consult had a seizure and rectal diazepam given. The dog was referred on the 24 feb 2017, and had various diagnostics carried out including a Cisca and nothing indicated such as a shund or hydrocephalus. The dog was then discharged on 27 feb 2017 with a cours of seroids and antibiotics. Tests sent for Toxoplasmosia and Neospora tests register. Awalf further information. It is reported that the presentation of several pups from same litter showing the same Cincincis justs (seach details surknown). The dog Mad another reaction after second vaccination of Nobiosc Citr and case closed.	3 Pug	1.7	Nabbus CHP - 1,N/A/NA 10,1 ml 1 Animal 15,02/2017-18,02/2017-15/02/2017-18,02	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-01469	United Kingdom	Animal		14 Week(s)	20/03/2017	21/03/2017	1	1 0	21/03/2017	Not Known,
 Not Known</br 	Lethargy (see also Central nervous system depression in 'Neurological'),Irregular pulse,Limb weakness	Not Known	Suspected Adverse Reaction On 7 Feb 2017, dog vaccinated with Vanguard (unknown which) and then second vaccine of this primary course on 7 Mar 2017. On 20 Mar 2017, dog vaccinated with first ANDWARD (A. 1997) and the Ward on do ther products given. On 21 Mar 2017, if developed lethargy and was presented to veterinary nurse and on examination noted an irregular heart rate. The veterinary surgeons also examined and noted irregular heart rate with some pulse deficit and hind limb weakness. No treatment given and no further information expected.	English Cockei Spaniel	r 3.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (20/03/2017-20/03/2017)-BR>-BR>-Vanguard vaccine unidentified - 1,N/A,N/A, 24,1 Dose 1 Animal (07/03/2017-07/03/2017-BR>-BR>-BR>-	B - Possible	Timing/lethargy consistent with product involvement. Irregular heart beat presumed new finding following vaccination. Product involvement possible.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01496	United Kingdom	Animal	Canine/dog	10 Week(s)	14/03/2017	11/05/2017	1	1 1	17/03/2017	Yes, <b R> >R>Not Known</b 	Lack of efficacy (parvovirus), Death	Not Known	Suspected Lack of Expected Efficacy for parvo On 14 Mar 2017, dog vaccinated with Noblac CDP and Nobbac CL at a propriomately 8 weeks of age with the breeder. On an unknown after the puppy went into the owners possession. On approximately 1 Wate 2017, puppy developed vomiting and distribeds and was presented to another veterinary practice. It was admitted and given intensive fluid therapy, and bloods indicated low WIGC and suspected Parovirus. On 22 Mar 2017, the puppy ded and unknown 14 post mortem examination is to be performed. Awalf further information. Follow up 27 Mar 2017. The ERT for Farov virus is being carried out. Natural further information. Follow up 27 Mar 2017. For ERT for Faro virus is being carried out. Natural further information. Follow up 2017. Post post of the Part of Parovirus in the Step 2017. Post for Parov virus in virus in the Step 2017. Post for Parov virus in virus in the Step 2017. Post for Parov virus in virus load consistent with field infection. Awalt further information. Follow up 11 May 2017. Nothing further has been received. case closely.	Labrador Retriever	Not Known	Nobiwa CHP - 1.N/A,N/A,10,1 ml 1 Animal (14/3)/2017- 14/03/2017+GR->GR-Nobiwa: L4 Suspension for injection for Dogs - 1.N/A,N/A, 1,0,1 ml 1 Animal (14/03/2017-14/03/2017)-GR->GR-	N - Unlikely	NCA agrees with the MAH assessment.

NORIVAC I 4	GBR-MERCKMSD-2017-UK-01524	I take d		Carles (day	2.7.1/(-)	11/03/2016	23/03/2017	- 1 -1	0 11/03/2	16 Yes, <	B Vomiting,Urticaria,Facial swelling	Tara.	Suspected Adverse Reaction Vaccinated with Nobivac DHP, Nobivac L4 and Nobivac KC on 11 Mar	French Bulldog		Nobivac DHP - 1,N/A,N/A,10,1 ml 1	n nthi-	NCA agrees with the MAH assessment.
		Kingdom	Animai	Canine/dog	3.7 Ted(s)					R×GBR>GBR>Yei GBR>GBR>GBR>BR>GBR>Not Known	s, (see also 'Skin'),Swelling around eye	Known	2016 at 13m. Be seen at 1.30m with facial swelling, swollen periocular area, unicaria on tono and legs. Vet gave Pirton. The dog was seen again at 5pm as somiting bile and urticaria still present. The dog was admitted and went home the following day fully recovered. Nothing further expected.			Animal (11/03/2016- 11/03/2016)-BR>-BR>Nobivac KC - 4,N/A/NA 1,0.0 a ml 1 Animal (11/03/2016- 11/03/2016-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (11/03/2016-11/03/2016)-BR>-BR>		
NOBIVAC L4	GBR-MERCKMSO-2017-UK-01533	United Kingdom	Animal	Canine/dog	9 Year(s)	01/03/2017	11/05/2017	1 1	0 16/03/2	117 Yes, No R>BR>BR>No Known, SNo SNo No Known		Not Known	Suspected Adverse Reaction On 1 Mar 2017, doe guaccinated with Nobius CHPPI and Nobius C4 and on examination doe yeas well but owner perjors a head tremos till present from its vaccination in 2016 (with Eurican vaccine). The owner declined further investigation and started Pesion tablets. On 1 Mar 2017, the dop had a decrease in appetite, parting and seemingly out of breast. The dop 5till has head tremors, and was also wobbly on legs when having fits (wobbly legs and fits started after vaccination and start of Pesion administration in Marker 2017), On 1 TAM 2017, the dog stopped parting, and was inappetant and spaced out. On 20 Mar 2017, Investigation started into tremors by a blood parsel test of laboration yand no obvolus cause of tremors. Other blood tests performed. WG 4. 2 (6-15), Ratelet 6 (200-500), Essinosphis (0 (6-1.2), Neutrophis 54 [3-1.15), Glucose 6.4 (3-5-6), Bill addits 16.9 (10-10), Certaine insias 20 (6-20-20). The dog was noted to have bloodshort eyes and a protrusion of third eyelid, was given isathal ointernot. On 22 Mar 2017, the haematology repeated: PT 4.10 (200-500), ME 1.5 (6-15), Metrophils 8.1 (1-11.3) and started artibilities for marked scientist and owner reported had been wandering around with his eyes closed. No further information respected.	English Cocker Spaniel 5	20.7	Nebixac DHPPL, tyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (10/10/3/2017 - 01/03/2017)-RBRBBR-Nebixac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (10/10/3/2017 - RBRBBR-Pexion 400 mg Tablets for DBR-Pexion 400 mg Tablets for DBR-Pexion 400 (10/10/3/2017 - N/A)-(A)-RBRBBR (10/10/3/2017 - N/A)-(A)-RBRBBR	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01570	United Kingdom	Animal	Canine/dog	2 Year(s)	20/03/2017	03/04/2017	1 1	0 25/03/2	117 Yes, <r< td=""><td>Injection site lump, Letharpy (see talso Central nervous system depression in 'Neurological', injection site necrosis, prijection site abscess, injection site reddening</td><td>Not Known</td><td>Suspected Adverse Reaction Vaccinated with Nobinac L4 and Nobinac KC on 20 Mar 2017. 25 Mar 2017 presented with a large lump at vaccine site, reported to be getting Bages and Andreis, Predictizes and Rileane. Fine needle aspirate was taken. 27 Mar 2017 a bascess had burst, lethargic. Cleaned and Richaed swelling. Antitobe put in the wound, Swab was taken. Anali further information. Follow up 3 Apr 2017 - seen on 28 Mar 2017 no further pus, cleaned. Area has reduced but still redness. Risched with saline and redessed. 29 Mar 2017 was breasts are consistent with an injection site abscess with saline and redsessed. 29 Mar 2017 bright, but wound opened up again and pockets of pus, flushed with saline and redsessed. 20 Mar 2017 bright, but wound opened up again and pockets of pus, flushed with saline and fushed again. Antitobe applied into the wound 3 Mar 2017 no culture losticated on wash. Apr 2017 owner reports doing well. No discharge present but some thickening in the skin, and noticed in a bloces again. Cheaned with histourch and saline. Bandged Frid f. Notting further expected.</td><td>English Cocker Spaniel</td><td>14.9</td><td>Nobivac KC - 4,N/A,N/A, 1,0,0.4 ml 1 Animal (20/03/2017- 20/03/2017) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 1,07, ml 1 Animal (20/03/2017-20/03/2017)<-BR> </td><td>A - Probable</td><td>Timmig/sigm/location consistent with vaccination involvement.</td></r<>	Injection site lump, Letharpy (see talso Central nervous system depression in 'Neurological', injection site necrosis, prijection site abscess, injection site reddening	Not Known	Suspected Adverse Reaction Vaccinated with Nobinac L4 and Nobinac KC on 20 Mar 2017. 25 Mar 2017 presented with a large lump at vaccine site, reported to be getting Bages and Andreis, Predictizes and Rileane. Fine needle aspirate was taken. 27 Mar 2017 a bascess had burst, lethargic. Cleaned and Richaed swelling. Antitobe put in the wound, Swab was taken. Anali further information. Follow up 3 Apr 2017 - seen on 28 Mar 2017 no further pus, cleaned. Area has reduced but still redness. Risched with saline and redessed. 29 Mar 2017 was breasts are consistent with an injection site abscess with saline and redsessed. 29 Mar 2017 bright, but wound opened up again and pockets of pus, flushed with saline and redsessed. 20 Mar 2017 bright, but wound opened up again and pockets of pus, flushed with saline and fushed again. Antitobe applied into the wound 3 Mar 2017 no culture losticated on wash. Apr 2017 owner reports doing well. No discharge present but some thickening in the skin, and noticed in a bloces again. Cheaned with histourch and saline. Bandged Frid f. Notting further expected.	English Cocker Spaniel	14.9	Nobivac KC - 4,N/A,N/A, 1,0,0.4 ml 1 Animal (20/03/2017- 20/03/2017) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 1,07, ml 1 Animal (20/03/2017-20/03/2017)<-BR> 	A - Probable	Timmig/sigm/location consistent with vaccination involvement.
NOBIVAC L4	GBR-MERCIONSO-2017-UK-01577	United Kingdom	Animal	Canine/dog	8 Week(s)	22/03/2017	20/04/2017	5 5	4 25/03/2	117 Yes, GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR	Darrhoes Vormiting Death Lethung (I see also Central nervous system depression in Neurological), Malaise, Elevated temperature, Reduced giobolins, Abnornal test result, Hypoalburninaemia, Hypoarburninaemia, Hypoarburninaem	/ Not Known	Suspected Adverse Reaction On 22 Mar 2017, New puppies vaccinated with first injection of the primar course of Nobbox of Pari Anobbox L. All the puppies were then rehomed to the rime wowers. On 25 Mar 2017, two puppies rehomed to the same house and were subdued and developed diarrhose. On 25 Mar 2017, two puppies were found dead. On approximately 25 Mar 2017, another puppy that was rehomed to a different home developed diarrhose but otherwise well (these are all the details that are known). On the same weekend commencing 25 Mar 2017, another puppy from a different home developed unriting and diarrhose and has been hospitalised (these are all the details that are known). On 26 Mar 2017, puppy from another household developed diarrhose, litt, dehydrated and elevated temperature (19.2 degrees Celsius). The puppy was admitted and started intravenous fluid therapy, antibiotics and and-emetic. Natural truther information. Follow yo 12 Apr 2017 - unknown test carried out, but reported to confirm Parno vitus—awar further information. Follow yo 12 Apr 2017 - unknown test and the confirmation of the confirmation. The confirmation of the confirmation of the confirmation of the confirmation of the confirmation. The confirmation of the confirmation of the confirmation of the confirmation of the confirmation. The puppy was summed to be fally recovered and clinically well. Nothing further expected.	y Shih Tzu	1.6 - 1.8	Nabiwa CHP - 1.14/AN/A J.0.1 ml 1 Amimal (22/03/257-76-887-Nobiwac L4 Suspension for Injection for Dogs - 1,N/AN/A .10.1 ml 1 Animal (22/03/2017-22/03/2017)-8R>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKMSO-2017-UK-01598	United Kingdom	Animal	Canine/dog	8.1 Year(s)		12/06/2017	1 1		Not Known	Decreased packed cell volume (PCV),1eucory,0xis,Neutrophilla,9 e mucous membrane, Decreased haemoglobin,Regenerative anaemia,Monocytosis,Aggression,5 eizure NOS	Not I Known	Suspected Adverse Reaction Vaccinated with Nobbus L 40 no 28 Feb 2017. Previously vaccinated with Nobbus CHPP and Nobbus CHPP and DSD and reported to have had selazinar after the vaccine - see linked case 2017-UE-01597. The dog had seizures when It was a puppy but no known cause or treatment given. The evening of the vaccine given on 28 Feb 2017, the dog had a selazine. Then over the weekend of 25-26 Mar 2017 had 6 selizures in total. On examination on 27 Mar 2017 the dog was pale Bloods showed feel blood cells 27, 16, 293-87. J. Heambort cold. 30, 38.5, 59, 16 Heambort cold. 30, 38.5, 59, 18 Heambort cold. 30, 38.5, 59, 38.5,	Jack Russell Terrier	8.2	Noblact L4 Supervisor for injection for Tops: 1.7M,A/1,0.1 ml 1 Animal (28/02/2017): BR>-GBP>-GBP>-GBP>-GBP>-GBP>-GBP>-GBP>-GBP		NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	6.4 Year(s)	24/03/2017	28/03/2017	1 1	0 25/03/2	17 No. <6 R> BR> CBR> BR> EBR> BR> BR> BR> BR> CBR> BR> CBR> CBR> C	disorder (see also 'Behavioural	Not Known	Suspected Adverse Reaction Vaccinated with Nobiusc DHP, Nobiusc L1 and Nobiusc KC on 24 Mar 2017. Also dispensed Bravecto 1400mg (49-56g) and this was given on 15 Mar 2017. The chee was given throughout the day in food (Extra Label Usp) 26 Mar 2017 presented at 8 am to the emergency Practice as reported the previous evening was disorientated, circling, leftrating, chumping into things, weak on forelimbs and partner, On examination mucous membranes were darker pink, partning, circling coasionality to the right and a little glader. Appeared to be very custious when walking down stairs. Normal blood results and ear exam revealed no abnormalities. Metacam was given and the dog sent home where an improvement was reported. 27 Mar 2017 Owner reported that the dog slept very deeply on the evening of 26 Mar 2017 and thinks the reaction is from Bravecto. No cause of diagnosis was reached, nothing further expected.	Labrador Retriever	45	Bravetto 1400 mg Chevable Tablets for Oogs - 1400/NA/N.3., 31400 mg Unknown I Animal (25/03/2017-25/03/2017-88-688-bobbyos Dipp - 1,N/N.N/A. 24.1 Does Not applicable 1, Animal (24/03/2017-24/03/2017-88-688-Nobbyos CK-1,N/N/A.) 24.1 Does I Animal (24/03/2017-88-088-Nobbyos CK-1,N/N/A) 24.1 Does I Animal (24/03/2017-14/03/2017-24/03/2017-14/03/2017-24/03/2017-88-88-Nobbyos CK-1,N/N/A) 24.1 Does I Animal (24/03/2017-24/03/2017-88-88-Nobbyos CK-1,N/N/A) 24.2 Does I Animal (24/03/2017-24/03/2017)-88-88-	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-01664	United Kingdom	Animal	Canine/dog		02/03/2017	30/03/2017	1 1	0 02/03/2	R> No Known		Not Known	Suppected Adverse Reaction Primary vaccines with Nobivac DHP and Nobivac L4 on 2 Feb 2017. 2 Mar 2017 Second Nobivac L4 given and Nobivac KC given. 14 Mar 2017 presented as it has been snorting since KC vaccine the treported to have become worte. Tested with Metacan. 17 May 2017 not eatility and reported to be breathing badly (Veddra coded as abnormal breathing), but unknown exact details. Coughing when trying to eat. Nisamox and Bioolvon given. Nothing further is expected. No swabs have been taken.			Animal (02/03/2017- 02/03/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (02/03/2017- 02/03/2017\-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01700	United Kingdom	Animal	Canine/dog	1.3 Year(s)	28/03/2017	31/03/2017	1 1	0 30/03/2	117 Yes, >No R> >No Known	B Foaming at the mouth, Seizure NOS	Not Known	Suspected Adverse Reaction Vaccinated with Noblace DPPP and Noblace 14 on 28 Mar 2017. Owner reported that 36 hours after the vaccine the day was frolling at the mouth and had a seture. No description of the seizure or details, but reported to have fully resolved immediately after. Nothing further expected.	Crossbred	35.5	Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs - I.N/A/M, A J.O. Im Not applicable 1 Animal (28/03/2017 - 28/03/2017)-BR>-SR>-Nobivac L4 Suspension for Injection for Dogs - I.N/AN/A J.O.1 ml Not applicable 1 Animal (28/03/2017 - 28/03/2017/5BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-01767	United Kingdom	Animal	Canine/dog	8 Year(s)	03/04/2017	04/04/2017	1 1	0 03/04/2	017 Yes, <i< th=""><th>Facial oedema, Vomiting</th><th>Other</th><th>Suspected Adverse Reaction On 3 Apr 2017, dog vaccinated with Nobivac DHP, Nobivac L4 (not given a room temperature – extra label use) and Nobivac Rables (given separate) and no other products given.</th><th>t Crossbred</th><th>25</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (03/04/2017-</th><th>B - Possible</th><th>NCA agrees with the MAH assessment.</th></i<>	Facial oedema, Vomiting	Other	Suspected Adverse Reaction On 3 Apr 2017, dog vaccinated with Nobivac DHP, Nobivac L4 (not given a room temperature – extra label use) and Nobivac Rables (given separate) and no other products given.	t Crossbred	25	Nobivac DHP - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (03/04/2017-	B - Possible	NCA agrees with the MAH assessment.
			Kingdom								 			room temperature — exit and use gain to woods "addes given separately afti to other products given. The same day, approximately 1 hour developed facial extends and vomited. The dog was then presented to veterinary practice and given Desadreson and improved within minutes and sent home with Printon. The outcome is unknown and no further information expected.			03/04/2017) SRS> RNS) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 10.1 ml Unknown 1 Animal (03/04/2017- 03/04/2017-BR>-BR>Nobivac Rabies - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (03/04/2017-		
	GBR-MERCKMSD-2017		United Kingdom	Animal	Canine/dog	6.5 Year(s)	28/03/2017	05/04/2017	1 1		017 Not Known	Epistaxis (bilateral),Wound,Decreased packed cell volume (PCV),Decreased red blood cell count,Mucosa petechiae,Neutrophilia,Thrombocy openia	Not Known	Sepected Adverse Reaction Vaccorated the Nobine C.4 on 28 Nav 2017. Apr. 2017 presented as but explained Salaronia yealer in the day shoppin seef. Visionii New agevan and the day gere hosphaticide ned Blood C (els. 3.8) (5.5.8.5) Newmatorii 27.7 is (15.5.7%), Plantelet 100 (17.5.90). Neutrophilis but no result reported A.2 or 2017 Platelet Sig (17.5.50). Peterde to gamy, Visionii News repeated and gleen anti biotici: as the dog had a puncture wound on testicis. 3 Apr. 2017 Platelet S (17.5.50), the blood was sent away and a blood senare showed Platelets 204 (17.5.200). Sarket on Douvycycline, Norockiv and Predrisolone. Vet suspects Immune Mediated Thrombocytopenia. Nothing further sweeted.	English Springer Spaniel		03/04/2017\cBR>\cBR>\cBR> Nobivac L4 Suspension for Injection for Dogs - LN/AN/A, 10,1 ml 1 Animal (28/03/2017- 28/03/2017\cBR>\cSR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4			United Kingdom	Animal	Canine/dog	9 Month(s)	26/09/2016	02/06/2017	1 1	0 01/03/2	Mot Known, SBR > BF > BR > BR > BR Yes, SBR > BR > Yes, SBR > BR	Lack of efficacy (parvovirus)	Not Known	Supercted lack of efficacy for panor Vaccinated at 8 weeks of age with Canigen DIPP and L4 and then at 12 weeks of age on J4 Oct 2015 with Changen DIPP and L90, 2 Seen on 22 March 2017 with a history of being depressed and vomiting for 3 days. Bloods were taken but were unremarkable. Admitted for it whick and given antibiotic. Then on 23 March 2017 and X rays state these were normal 30 March seemed to improve but now has vomiting again, blood on rectal thermometer. Exploratory lagratorium performed as some thing form was palable in the abdomen. Mesenteric lymph nodes were enlarged and the large intestile was red in colour. On recovery it passed bloody diarrhoes. It had a positive paro vote funknown if in lower sape state or seen wayly was referred to another practice an had a positive faccal antigen for garnovirus. Dog is on treatment with in fluids, antibiotics and analgesia, Omega, and itemétics, Virbagen. Treatment on going. Follow up 2 June 2017 No more infromation received, case closed	Miniature Dachshund	5.7	Canigen DHP - 1,N/A/N/, 10.1 ml (2/10/2016- 24/10/2016-BR>-8R>-Canigen lepto 2 - 1,N/A/N/A, 10.1 ml (24/10/2016-BR>-8R>-Nobivac DHP 24/10/2016-BR>-8R>-Nobivac DHP 1,N/A/N/A, 10.1 ml (26/09/2016- 26/09/2016)-BR>-SR>-Nobivac L4 Suspension for injection for Dogs - 1,N/A/N/A, 10.1 ml (26/09/2016- 26/09/2016)-BR>-SR>-BR>-Nobivac L4 Suspension for injection for Dogs - 1,N/A/N/A, 10.1 ml (26/09/2016- 26/09/2016)-BR>-SR>-BR>-	N - Unlikely	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-01824	United Kingdom	Animal	Canine/dog	3.17 Year(s)	03/04/2017	07/04/2017	1 1	0 06/04/2	017 Not Known	Seizure NOS	Not Known	Suspected adverse reaction. Vaccinated on a April 2017 with Nobbac L4 nothing else was given at the same time, then on 6 April the dog had a seizure episode. (It is unknown hong this lasted or how it presented during the seizure) It was seen on 7 April 2017 and was normal on examination, the owners declined any further investigation. No more information is available.	Border Terrier	7.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (03/04/2017- 03/04/2017) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-01844	United Kingdom	Animal	Canine/dog	10 Week(s)	27/03/2017	08/04/2017	1 1	0 27/03/2	017 Yes, <i R> No Known</i 	Swollen eye	Not Known	Suppected Adverse Reaction On 27 Mar 2017, dog vaccinated with Noblvac DHP and Noblvac L4. The same day when dog went home approximately 15 minutes later developed swollen eyes. The dog was presented back and was given antifisations and steroid treatment and the dog responded quickly and resolved. No further information expected.	Charles	2.36	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (27/03/2017- 27/03/2017) -BR> Nobivac L4 Suspension for Injection for Dogs - 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017		United Kingdom	Animal	Canine/dog	4 Month(s)	22/03/2017	11/04/2017	1 1	1 30/03/2	D17 Yes, < R> Yes	Respiratory distress, Death, Lung oedema	No Data	Suspected adverse reaction Vaccinated with a second Nobinac Lt and a first Nobinac KC on 22 March 2017. Seen on 30 March 2017 with acute respiratory distress, sudden onset. Had eaten that morning and been playing. On presentation at the practice it dramatically deteriorated they placed it on Oxyger therapy and it died. X rays taken after it died showed Pulmonary oedema. no post mortem was performed. Vet and owner feel it is unrelated to the vaccine. No more information expected.	Labrador Retriever	6.3	Nobivac KC4,N/A,N/A,10,0.4 ml Unknown 1 Animal (22/03/2017- 22/03/2017)-sBx>cBx>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10.1 ml Unknown 1 Animal (22/03/2017- 22/03/2017)-sBx>cBx>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017	F-UK-01888	United Kingdom	Animal	Canine/dog	3.1 Year(s)	16/06/2015	11/04/2017	1 1	0 25/06/2	015 Yes, BR> No Known	Imappetence, Lethrary (see also Central nervous system depression in 'Neurological'), increased packed cell volume (PCV), Immune mediated haemolytic anaemia, Persistent infection, Elevated temperature	Not Known	Supercted Adverse Reaction On 15 Jan 2015, dog vaccinated with Nobbac L4 and Nobbac KC (unknown exact details), On 25 Jan 2015, presented with signs of mild infection (including an elevated temperature) and was treated with Synulox and non-steroidal anti-inflammatories (Metacam) (no exact details). The following day the dog returned slightly better and temperature had reduced (unknown if in normal parameters). Laboratory tests were performed including agalutination tests with vice were positive and was given treatment of steroids and Gmepazole. The dog was diagnosed with immune Nediated Haemolytic Anemia. On 27 Jan 2015, the dog was re-examined and showed an improvement with theory PCV was 138 (SS 5-7) On 3 Ja 1025, OB 50, OF 103 F03 SG of developed letharry and inappetance, given antibiotics, Omegnazole and Ranidine. The dog continued to improve and PCV increased further and on 3 Jai 2015, PC 44 (SS 5-7), On 3 Jai 2015, dog returned to normal and clinical signs resolved and weared off steroids. No further information searceted.	English Cocker Spaniel	Not Known	Nobiwa KC - 4,N/A,N/A, 1,0,0.4 ml Not applicable 1 Animal (16/08/2015- 16/08/2015-8RN-8BN-Nobiwa L4 Suspension for Injection for Dogs- 1,N/A,N/A,10.1 ml Not applicable 1 Animal (16/06/2015-8RN-8RN-	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017		United Kingdom	Animal		4.4 Year(s)	24/12/2016	11/04/2017	1 1	0 30/12/2	R>-BR>-RP-NO	Hypoproteinaemia, Hypoalbuminae mia, Inreased percentage reticulcytes, Decreased reticulcytes, Decreased cholesterol (total), Restlessness, Anaemia NOS, Low platelet count, Leucopala, Tymphopenia, Pae mucous membrane, Diarrhoea, Lorose stool, Vomiting, Hypoca kacemic condition, Increased respiratory rate inappetence, Lethargy (see also Central nervous system depression in "Neurological"), Malaise, Mucous stool, Blood in faces, Third eyeld protrusion, Abnormal test result, Abnormal stool colouration	Not Known	Supercised Adverser Reaction On 27 Nov 2015, dog vaccinated with first dois or I Noblace LPP and Noblace LA Peters Lautonom. On 28 nov 2015, dog vaccinated with second tools or follows: DPP and Noblace LA, Approximately 28 Dec 2015, dog vaccinated with second does or follows: DPP and Noblace LA, Approximately 28 Dec 2015, dog vormitted once and been no himself and third eyelds up. Since vaccination the dog hard travelled and been in a different environment. On 2 Dec 2015, dog varieties and increased respiratory rate. On examination, was quiet and yellow faces on themmenter but no other abornalities detected, blood tests performed: Calcium 1.81 (1.89-3), total proteins 4(5):24.9 Ja. 28 12.49-24), Cincipatel vive. Examined and no abnormalities detected, blood tests performed: Calcium 1.81 (1.89-3), total proteins 4(5):24.9 Ja. 28 12.49-24), Cincipate vive. Examined and no abnormalities detected, blood tests performed: Calcium 1.81 (1.89-3), total proteins 4(5):24.9 Ja. 28 12.49-24), Cincipate vive. Examined and for abnormalities detected, blood tests performed: Calcium 1.81 (1.89-3), total proteins 4(5):24.9 Ja. 21.24-24.9 Cincipate vive. Examined and Section 1.81 (1.89-3), total proteins 4(5):24.9 Ja. 21.24-24.9 Cincipate vive. Examined 2.80-3.0 Ja. 20.49.5 J	Chihuahua		Nebwa CHP - 1,1/4,N/A 1,0.1 ml 1 Amimal (24/12/2016): REP-Nebwa L4 Supersion for 10 ml 1,0.1	O3 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017	F-UK-01913	United Kingdom	Animal	Canine/dog	15 Month(s)	10/04/2017	24/04/2017	1 1	0 11/04/2	017 Yes, GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-	Abnormal test result.Stiffness NOSAMS-cudostelat paint.Elevate ALT,Abnormal posture NOSLescooptosis,Neutrophilla,Off colour,Pyrexia,Monocytosis	Other	Suspected Adverse Reaction Vaccinated with Nobiwac DHP, Nobiwac L4 and Nobiwac KC on 10 Agr 2017. Nobiwac L4 apen from the fridge Etra label usel; 12 Agr 2017 reported to be subdued last right and still subdued this morning. Pain when moving neck, temperature 103. Fahrenheit. Blood taken, White Blood Cells 173, 155, 158), Neurobpinis 14.09 (12-1), Monocryez 1.0, 10-2, 10, tem 23, 12-3, 6), All T133 (10-125), Re seen on 13 Agr 2017 remperature 102 Fahrenheit. Metacam and Vetergeisc. Ned stiffness and problems turning to the file fland arched back, Further investigation is being planned. Follow up 24 Agr 2017 - history received. The dog was admitted and placed on intra venous fluids on 13 Agr 2017. Single and cerebral spinal fluid tap was carried out, the dog was started on Comfortan and Zinaced. 14 Agr 2017 highter obty, pulled out 17 Wine, eaten when hand fed and fluids were stopped. Syndrow started. 15 Agr 2017 Kesium and Pardale were started. The dog was sent home on an unknown date. 18 Agr 2017 highter preported that the dog had an improved appliet however still sightly fender on forelimbs. Results from CSF indicate an elevated total protein concentration and nucleated cell count supporting inflammatory disease. Degenerative joint disease may be the cause of the sequet to joint stability and maybe kidopathic. Culture was negative. Nothing further expected. Upgraded case to serious.	Crossbred	30.8	Nobiwa CHP - 1.1/L/N/A, 10.1 ml 1 Amimal (10)64/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017-10/04/2017	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-0	1927 Unite	.d 8	mal I	anine/dog	10 Week(s)	10/04/2017	24/04/2017		يه ان	/04/2017	Not	Anaemia NOS,Platelet disorder	Not	Suspected adverse reaction Vaccinated on 10 April 2017 with Nobivac DHP and L4. They also dispense	ed English Cocke		Advocate Spot-On Dog unidentified -	B - Possible	NCA agrees with the MAH assessment.
MOBINA	GRB-MFR/CMASS-2012-LIN-C	Kingdi		mai	Canine/dog	SVasorin	16/03/2017	17/05/2017			1	> > > > Yes,SBR> > > > > > > ><	NOS.Jymphopenia, Neutropenia, Pty persalivation, Dairhoea, Vomitting In appetence, Letharty (see also Central nervous system depression in Neurological'), Mucous stood, Abnormal set result, Tense abdomen, Abnormal stool collowartion, Elevated ilpase, Decreased hamenglobin, Decreased packed cell volume (PCV), Elevated amylase, Leucopenia	Known	Miliquantel and Bravecto but they were not given. 1.1 April 2017 presented with inappetence, lethange, disurbness and voimining. Normal temperature on examination. Clinical signs developed on the day of vaccination, how soon after is unknown. They gave Cerenia, subcutaneous fluids and problodics. 12 April 2017 The day has not been re-sent in practice but is silfuromiting, await further information. Follow up 24 Apr 2017 - the day was presented on 12 Apr 2017 as reported to be vomitting. On presentation the down set lentage, disminione and not esting. Admitted and placed on intravenous fluids. Cerenia was given 13 Apr 2017 symptoms continued. Distribuse yellow in colour with mucous. Ordinalde was being given every hour, "givingon, Nasmons and therroinstables. Abovectave was slos applied. The dog was referred to a nother practice. 14 Apr 2017 quiet and dinolling, no interest in food with diarrhoes, abdomen tense. Pavor sans pets thes vas carried out and negative. Biolodo cells 4.21 (5.55 ± 8.7), Haremabolom 12.45 1.17, 3-6.17), Haremaglobin 9.2 (13.1.2-0.6) White Blood cells 6.79 (5.0.5-16.6), Neutropiels 10.00 (2.5-11.64), Improveçore 0.69 (1.0.5-11.04), Monocytes 0.11 (0.16-11.17), Lipscinophisio (0.06-11.23), Plattelets 507 (1.68-484), Sodium 137 (1.45-157), Urea 0.8 (2.5-10.6) (2.7-16.6), Mohamio 2.2 (2.3-16.6), Mohamio 2.21 (3.1-16.6) (2.7-16.6), Mohamio 2.21 (3.3), April 2017 (1.46-10.4) (2.7-16.6) was seen thorough the control of th	Spaniel L d d r		1.N/A/N, 2.4.1. Does Not applicable 1.Animal (13)/6/2017 1.3/6/4/4/2017 1.3/6/4/4/4 1.3/6/4	0.	NCA agrees with the MAN assessment.
		Kingdi	lom		, -			,	1 1		,,	R> Not Known	pupil light reflex	Known	on 12 Apr 2017 and owners report that the dog has become blind since the vaccine. On examination on 12 Apr 2017 the dog cannot follow oblets in vaual field, public dialeted and lenses were clear. Pupillar light reflex present but slow and needed very bright light. The dog was referred to an Ophthalmologist, want further information. Follow up 17 May 2017 - further investigations have been declined by the owner, nothing further is expected.	on Y		Animal (16/03/2017- 16/03/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (16/03/2017-16/03/2017) 	O - Unclassifiable/unassessa ble	
	GBR-MERCKMSO-2017-UK-O	Kingdi	lom			7.5 Year(s)			1 1				Injection site rubra, Elevated cholesterol (Icala)Injection site weeping (see also 'skin'), Tongue ulceration, Elevated temperature, Hot spot (pyotraumatic dermatits), Abnormal text result, Injection site infection, Hypoglycamia, Shaking, Hyperphosphatteenia, Elevated ALT, Elevated SAP, Cutaneous cakinosis, Injection site inflammation.	Not Known	Suspected Adverse Reaction-limited information Vaccinated with Nobbuc L4 on 29 Mar 2017. The do previously had a shawed area for an ultrasound on 16 Mar 2017 and the skin became red and sone after it was shawen and treated with salt water bathing, 13 Apr 2017 presented with a hot spot near vaccine sits, ucers on tongoue. Clipped and cleaned and advised salt water bathing, Started on antibiotics. Unknown outcome. Nothing further expected. Follow up 20 Apr 2017 - haemoglobin 18.1 (1618), Phosphate 12.16 (6.1-8), AUR 1974 (12.4-8), AUR 1279 (11.3-8), Choelstent 11.4 (2.8-8.3), Glucose 31, 6.), All other Bloods normal. Nothing further expected. Follow up 27 Apr 2017 - skin biopules indicate Calcinosis cuts and ACT litest was positive for Cushings. The dogs now on Antibode and Trilostane. Nothing further expected. Case received from veterinary medicines Directorate on 5 May 2017. Suspected Adverse the Rection-Limited information Vaccinated with Nobbuc L4 on 3 Mar 2017. Suspected Adverse the Rection-Limited information Vaccinated with Nobbuc L4 on 3 Mar 2017. Let us shawen and tended with salt water bathing, 13 Apr 2017 presented with a his position of the control of the school of the salt water bathing. Tastred on amount of the control of the school	er : : : : : : : : : : : : : : : : : : :	27	Noblact L4 Supervior for Injection for Tops: 1.NA/A, 1.0.1 ml 1 Animal (29/03/2017; BR>~BR>	B - Possible	Owner reports reaction started day after vaccination, which suggests cost emporal relation(b). Combined with location, product involvement is possible. Unknown time to onset of user and blood results not-specific.
	GBR-MERCKMSO-2017-UK-O	Kingdi		C C	anine/dog	2.4 Year(s)	12/02/2017	18/04/2017	1 1	1 11	·/02/2017	Yes	Behavioural disorder NOS, Collapse (see also Cardiovascular' and Systemic disorders'). Death Inappetence, Leth argy (see also Central nervous system depression in Neurological'), Unable to jump. Stiffness NOS, Anal sac disorder, Ausculoskeletal pain, Abnormal necropsy finding, Off colour	No Data	Suspected adverse reaction Vaccinated with a Noblevic L4 on 15 Jan 2017, then had a second dose on 12 Teb 2017, or rep to 12 Teb 2017 after bit or 15 teb 2017 after bit own forms the user of the 15 teb 2017 after bit own forms the user of 15 teb 2017 after bit or 15 teb 2017 after bit or 15 teb 2017 after bit or 3 catala plantful areas, the neck muscle was soft. Nothing on the spinal examination. No abdominal pair that fully and alpha bits they expressed easily. They gave an injection with Netacan. 23 Feb had improved initially after the Metacam but had got worse again, not jumping up and is parded. Is not judying with their other dog and not greeting the owner. Yelpde on actession of the next to the right and there was refuctance to turn the head to the left. Pain on extension of the shoulder, particularly left. Paced on metacan and Dalazepair in feeded. 27 Feb owner called the dog has collapsed, arrived in practice and died. Owner informmet them it had been lethangs and some inappetence that day only. Sent for post morteam within showed cardiac and Spinal cord as suggested in neuropathology report, or distalt to the heart and spinal cord rates in so suggestion that the component in the vaccine are responsible for the lesions an there is no suggestion that the component in the vaccine are responsible for the lesions an there is no inflammation at the injection state, vaccination in unlikely to bilanted. The inflammation of the spinal cord explains the next grain. The cause of death remains cardiac and control as a suggested in neuropathology report, or distalt to the heart and spinal cord and explains the next feet grain. The cause of death remains cardiac and parallely and the cardiaction is unlikely to bilanted. The inflammation of the spinal cord explains the next grain. The cause of death remains cardiac uniques and and an advantage and many after the death and provided and the control of the spinal cord explains the next grain. The		144	Nebbac L4 Sugention for Injection for Tops: 11/ANA, 10.1 ml Unknown 1 Animal (12/02/2017):12/02/2017):8R> 	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-0	Kingdi	om		anine/dog	,	11/04/2017	19/04/2017	1 1		1/04/2017		Tachycardia,Abdominal pain,Hypersalivation,Bloody diarrhoea,Tense abdomen,Polydipsia,Breathing difficulty,Dehydration,Vomiting		Suspected adverse reaction Vaccinated on 11 April 2017 with Nobios Lt. Dog also had blepharospan or opiphon has mild cospected conjunctive, normal scient. Also a buading patella, decided to X ray. Sedated and X-rayed. Went home that night. Then on 13 April 2017 started vomiting vomited 5 times dipated food then blic. Dinning more. Was seen and had not further conjunctivities, tense abdomen, temperature 38.3, they advised a bland det only. Seen on 14 April Vomiting has stopped though has bearting difficulties. Seen with he hast rate of 130pon, paidly abdomen on palpation. Respiratory rate 25/min. Severe bloody diarrhoea and hyperalivation. Bloods taken show dehydration. Pleaden of hilluds, Augmentin, buyercar and Rastidine and Cerenia. 15 April no more vomiting and diarrhoea, tense abdomen but dog is nervous. Sent home and dog recovered. No more uniformation seasories.	Jack Russell Terrier		for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (11/04/2017- 11/04/2017) -BR><-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0	2044 Unite Kingdi		mal C	anine/dog	3 Year(s)	18/04/2017	20/04/2017	1 1	0 18	8/04/2017	Yes, <br R> Not Known</br 	Diarrhoea, Gut sounds increased, Offi colour	Not Known	Suspected adverse reaction Vaccinated on 18 April 2017 with Nobbus Kr. Then the owner reported the dog developed damhorea 24 hours after vaccination, then recovered its a proviously been vaccinated with Nobbus KC (dates unknown), dog has not reacted previously to this product. No more information expected. Follow up 18 May 2017 - updated information stated that Nobbus L4 wa given at the same time. Severe GI sounds and diarhouse later that evening. The downs unreal for 4-5 days and required intensive fluids to recover. Unknown specific details. Nothing further expected.	Crossbred	12.4	Nobivac KC - 1,N/A,N/A,10,1 ml Unknown 1 Animal (18/04/2017- 18/04/2017): BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (18/04/2017- 18/04/2017-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-0	Kingdi	lom		anine/dog		13/04/2017		1 1			Not Known	Polydipsia, Polyuria, Death by euthansia, Anorexia, Inappetence, E levated ALT, Off. Tense abdomen, Elevated BUN, Elevated creatinine, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Superted Ahverse Reaction On 13 Apr 2017, dog vaccinated with Noblack 1.4, fit and well at time of vaccination and not other grodust; show within 48 hours approximately, the dog developed lehangy, inappetance, anorexia, polydopis and polyuria. On 19 Apr 2017, on examination, dehydrated and bloo tests were performed: Urea 12.1 (e.9.6), Crea 164 (1519), Alt 7 288 (+125). The dog was placed on intraverous fluid therapy, no other medication given and the dog was subdued. On 20 Apr 2017, the dog was brighter and eaten but abdomen is tense and some blood samples taken. Urea 27 (+.9.6) and creatione 75 (1519) and other bloods have been sent away, whalf turther information. Follow up 27 Apr 2017 - the dog was euthanased on 22 Apr 2017, post mortem declined. Nothing further expected.	Bichon Frise		Nobivac L4 Suspension for Injection for Dags - 1,N/A,N/A, 1,0,1 ml 1 Animal (13)/4/2017 - 13/04/2017/ BR> 	B - Possible	Lethargy, inappetance, anoresia are expected signs after vaccination and temporal association is very close. Polydipsia and polyuria are not expected signs, however, product involvement cannot be excluded. Awalt further information.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0	2081 Unite Kingdi		mal C	anine/dog	12 Week(s)	06/04/2017	21/04/2017	1 1	0 0	6/04/2017	Yes, <br R> Not Known</br 	Lateral recumbency,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Suspected adverse reaction Vaccinated on 6 April 2017 Nobbinc OHP and I a with a second dose. That night the dog collapsed and was king on her left fore, it was presented at the vets they gave the dog some glucose and the dog recovered. No more information expected	Chihuahua	0.9	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (06/04/2017- 06/04/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (06/04/2017- 06/04/2017)-BR>-SB>-	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4		United Kingdom	Animal	Canine/dog	3 Month(s)	22/03/2017	21/04/2017	1	1	0	09/04/2017	R>-GR>-No Known	Pale mucous membrane, Hypochloraemia, Voniti ng. ethargy (see also Central ng. ethargy (see also Central nenous system depression in Yeurological), Abnormat lest result. Hypoalbuminaemia, Hipopty aemia, Hypoptoteniaemia, Elevated Alt, Elevated SAP, Decreased end blood cell count, Decreased haemoglobin, Decreased haemoglobin, Decreased chollesterol (total), Diarrhoea	Not Known	Supercted Adverse Reaction On 22 Mar 2017, pupply vaccinated with first dose of Noblava. CIPP and Noblava. L1 (React Actails ulknown.) On Sep 2017, pupply excinated with second dose of Noblava. CIPP, if and well and no other products given. On 9 Apr 2017, pupply eveloped vomiting and distribrees had well and not sometime and one examination was lethargic, distribution. Bit pales and blood results taken haematorit. 29 9 (32-55). Excinophils 0.05 (0.1-1.8), haemagolds 9.8 (10.3-18), patcelets 5:12 (17-50), Ros. (26.4 6-3.7), All 7.2 10 (9-7.5), choicesterol 2.47 (2.58-10.31), chloride 103 (105-190), creatinine 15 (27-106), glucose 2.92 (4.28-8.34), sodium 142 (145-157) and total protein of 168-72). The dog was referred to the hospital and placed on intravenous full dereay and given glucose. On 13 Apr 2017, the objects of the contravenous full dereay and given glucose. On 13 Apr 2017, but only such as the contravenous full dereay and given glucose. On 13 Apr 2017 in 50 Jap 2017, the dog given level part and doing well well and clinical signs have resolved. No further information expected. The dog was quiet after first vaccination of Nobbacu EIP and Robbacu L4 and resolved on an unknown date prior to second vaccination. See linked case. 2017-UK-20092	Other Canine/dog	1.9	Noblac 0HP - 1,1/k,N/A, Jo.J. ml 1 Animal (55,642,543-5 ebs.) and 1,223-5 ebs. 26,243-5 ebs. 26,243-		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-02097	United Kingdom	Animal		10 Week(s)		03/05/2017	1	1		22/04/2017	R> >No Known	Monocytosis, Decreased Aemoglobin, Leucocytosis, Neutrop Nilia, Diarrhoea, Collapse (see also Carolic-vascular' and "systemic Gorders', Death-tyhyothermia, Abn ormal test result, Heart valve dsorders', Puerpy(xeamia, Elevated BUN, Elevated SAP, Abnormal necropsy finding, Anaemia NOS	Not Known	Supercted Adverse Reaction Vaccinated with Noblava DHP and Noblava L 1 on 21 Apr 2017 it 5 pm. 22 Apr 2017 the dog was presented collapsed, temperature 19 clesius. Severe diamethe and started at middsy, Bloods carried out Total Protein 40 (50 °72), ALRP 154 (12-81), Uren 8.4 (1,7-1.4), Gloscore 2.49 (2-8.3), Chorider 10 (10-212), White Blood Cells 15.9 (5-61), Neutropil 14.1 al. (15-21), Monocytes 1.8 (10.3-15), Red Blood Cells 4.9 (5-61), Neutropil 14.1 al. (15-21), Monocytes 1.8 (10.3-15), Red Blood Cells 4.9 (5-61), Neutropil 14.0 (14.0 °12), Neutropil 15.0 (14.0 °12), Neutropil 14.0 (14.0 °12), Neutropil	Border Terrier	Not Known	Animal (21/04/2017- 21/04/2017\:BR- Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (21/04/2017-21/04/2017)\:BR> 	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-02107	United Kingdom	Animal				24/04/2017	1	1		23/04/2017	Known,
 Yes, <i R> No</i </br 	Hypothermia, Head bobbing, Swelling around eye, Knuckling, Unable to stand, Ataxia	Other	Suppercla Adverse Reaction Vaccinated with Noblava CHP and Noblava L 1 on 19 Apr 2017. Noblava L 1 was given straight from the fridge (Estat Label Use). Panarcus dispersed although not started yet. 23 Apr 2017 presented at 3 pm with ataxia, temperature 33.6 Cebius, reactive to stimulation but coordination with issue. Urable to started, crossing all legs, knuckling with exaggrated movements of front limbs and nodding of head. Eurhanasis was discussed but declined. Subcutameous fluid was given, glucose and steedbas 2.4 Apr 2017 swelling on right eye but other clinical signs have fully resolved. Nothing further expected.	Chihuahua	0.48	Implant 1 Animal (19/04/2017- 19/04/2017\BR-SBR-NBNObivac DHP- 1N/AN/A, 10,7 ml 1 Animal (19/04/2017- 19/04/2017\BR-SBR-Nobivac L4 Suspension for Injection for Dogs- 1.N/AN/A, 1,0,7 ml 1 Animal (19/04/2017-19/04/2017\BR>-SBR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02109	United Kingdom	Animal	Canine/dog	8.1 Year(s)	29/03/2017	24/04/2017	11	1	1	03/04/2017	Not Known	Sudden death	Not Known	Suppercied Adverse Reaction On 29 Mar 2017, dog vaccinated with Noblava L4. On 3 Agr 2017, dog passed away after a walk. There has been no comment or clinical change noted and the dog has been cremated. No further information expected. [Reason for use for product: Generic: LEPTO*4[CT, CAN,GRIPP,BRAT] KB Brand: NOBIVAC L4 10X1DS 541 Reason: Vaccination] [State of health: Good)	Crossbred	24.55	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (29/03/2017- 29/03/2017) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02179	United Kingdom	Arimal	Canine/dog	Not Known	04/11/2016	08/05/2017	1	1	1	07/11/2016	Yes,GBX-GBX-I	Low platelet cours, Elevated SDMA (Symmetrical dimethylarginine), Lymphopenia, Neutophila päle mucosu membrane, Diarrhoea, Hypothyroidi sm. Death by eutransia, Lethargi (see also Central nervous system depression in Neurological), Pyrexia, Not eating, Immune mellated haemolyic anaemia, Hypothylargid sea sing, Mindian and six comfort, Elevated total bilindian, Elevated total bilindian, Elevated total bilindian, Elevated total bilindian, Elevated (cours, Decreased) and disconfiguration of the Course of the Course, Decreased of the Course, Decreased of the Course, Decreased packed cell volume (PCV), Elevated (coll volume (PCV), Elevated (total), Monocytosis, Leucocytosis	Not Known	Sepected Adverse Reaction Vaccinated with Nobasc L 6 on 8 Nov 2016. Reported to have collapsed the following day and diagnosed with immune Medicated Hemotylic Anaemia and was given unknown supportive are and died 3 weeks ago, unknown exact date and unknown diagnostics carried out. Nothing further is available. Follow or 20 May 2017 - history reviewed Presented no 7 Nov 2016. Brought in by kennels the day was not eating and quiet. Temperature 39 8.C and possible cranial disconfired. Isokore and Omerpracie (94-98. Nov 2018 distinct lost eating 25 (0.38-0.58), Neutrophis 136 (0.017). Moreover 27 (0.38-0.78), Neutrophis 9.S (13.4-0.77), Hearmatocrit 0.25 (0.38-0.58), Neutrophis 136 (0.017). Moreover 27 (0.38-1.78), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.9-3.19), Alay 577 (or no response) supplied, Cholesterol 10.08 (1.20-6.5), Glucoser 9.7 (1.8-7.07), T4 10.8 (1.20-6.5), Moreover 10.08 (1.20-6.5), Moreover	Whippet	Not Known	Nebbus KF. 1.N/AV/A.10.1 ml Unknown 1.Anima (M/1)/2016- 04/11/2016:4RN-48RN-Nebbws L4 Suppension for injection for Dogs- 1.N/AV/A.10.1 ml Not applicable 1 Animal (04/11/2016)-6RN-48RN-	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCIONSD-2017-UK-02190	United Kingdom	Animal	Canine/dog	11 Month(s)	08/08/2016	25/04/2017	1	1	o	19/10/2016	Not Known	Vocalisation.Lameness, Meningitis, A norexia, Appettie loss, Head down, Pyrekia, Proprioception deflort, Abnormal test result, Shaking, Abnosodoseletal pain, Depression	Not Known	Suspected Adverse Reaction Vaccinated with Nobivac L4 on 8 Aug 2016. Previously vaccinated with primary vaccines on Nobivac DHP and Nobivac L6 on 8 Aug 2016. Previously vaccinated with primary vaccines on Nobivac DHP and Nobivac L6 on 11 Jul 2016, and Nobivac DHP repeated on 25 Jul 2016. 2 10 C2 2016. The deep vaccine call so and the leave large on the bed and octating and shalling. Appetite loss 2 days previously, but then was offered other food and at well culturows exact acts. On examination the dog vaccined easily, exick gain on palpations and on basic, without exact acts. The part of the previous day with the Nobivachiol 2 Center large days was considered to exic Was running acount the previous day with the household 2 Other bigger days, was coulding. On examination it was difficult to determine area of pain as the dog vocalizes when being touched everywhere. Seems to bop on left hind lims when walking down stairs. Reduced propriceciption on left hind degs and paw positioning is absent. The dog was sedated and radiographs taken and nothing abnormal found -104 C. 2. Spm the dog was still recovering just papeared to have deteriorated, held carriage low and depressed, 7-40 Cz, ancreut. Seems to be more painful now and blooks show ALF2 224. White Blood Cells 200, Neutrolysis 1746, Monoroyet 2.31, Edisophills Oz, Platelets 146 – or ranges supplied for any blood results. The dog was referred to a specialist on as meningitis was suspected. Seem at specialist on the same day. On presentation the dog was bright, alert and responsive. Postural reactions and myotatic(f) reflexes were unremarkable. Marked neck pain was present and T4-03. C. Cervicks ignain MIW was unremarkable and not supportive of compressive lesions. Cerebrospinal fund analysis was collected wis lumbar purcture and revealed moderante, predominantly experdible preported.	Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A, 30,1 m Not applicable 1. Aims (180/18/2016-08/08/2016)-8R-48P-	O - Unclassifiable/unassessa bie	NCA agrees with the MAH assessment.

NOBIVAC LA	GBR-MERCKMSD-2017-UK-02196	United Kingdom	Animal	Canine/dog	1.3 Year(s)	08/12/2016	04/05/2017	1 1	1 18/12/2	15 Yes R>BR>NcBR>Nc Nnown	Leucorytosis, Tachycardia, Pale t mucous membrane, Melaena, Yomiting, Bloo di nvomit, Decreased packed cell volume (PCV), Hyperthermia, Regenerative anaemia, Not eating, Abnormal test result. Hypoalbuminiaemia, Death	Not Known	Suspected Adverse Reaction On B Dec 2016, do ya socinated with booster of Nobbus C UHPI and Nobbus C L4. On 18 Dec 2016, do ya stord vomiting and owner perported that a light but ble wu pand dog may have eaten some. The dog then developed blood clot in vomit and dog had a small bit of glass on his lip. On examination, given Flaz, Cereiral injection and Amonycare. Black faces were observed and temperature 39.4 degrees Celsius. The dog is a known szewenger. On 14 Jan 2017, given predissionen and an health check but no details on the examination. On 21 Fe 2003, roll, go had norther examination but no details given of the examination. On 8 May 2017, owner found dog dead. No further information respected. Follow yet 44 May 2017. However, precisely, presented on 70 Pec 2016 as not eaten well since 13 Dec 2016, it was reported that the dog had been in a shed where there was rat poison. Bloods showed PCV 12% IS-57%, high while the boot cell count (for exatt supplied). Not been right for 10 days and not eaten much. The dog was hospitalised. Ultrasond was carried out and no abnormalities were observed. Symulos, Cerenia and Zantac was given. 28 Dec 2016 eaten well overright, microsus membranes pale, heart rate 1600pm, revous. FV 12% IS-57%, high eaten was not been found. See 10 Jan 2018. See 10 Jan 2018. Bloods show sevener regenerative anameurs, Committee van eaten in Committee and sevene supplication. To was given 30 per 2018 of 2019 and suspected severe G disease possible use to Addison. 30 Dec 2016 FCV 11% (5-57%), Duplacort C was given. 31 Dec 2016 FCV 127%, (5-57%), B. Marz 2017 died at home. No post mortem carried out	Miniature Dachshund	Not Known	Nobiac DHPP, Lyophilisate for Suppension for injection for Dogs 1,N/A,N/A, 10.1 ml 1 Animal (08/12/2015 - 08/12/2016); RBR-Nobiac L4 Suppension for injection for Dogs 1,N/A,N/A, 10.1 ml 1 Animal (08/12/2016-08/12/2016); RBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-	O1 - Inconclusive	NCA agrees with the MAH assessment.
		United Kingdom	Animal		5.9 Year(s)	15/03/2017	26/04/2017	1 1		R> >Nc Known	disorder_hyperchloraemia_nnappetr nec_Lethary_(see also Central nervous system depression in Neurological_nhormal test result.hypernatremia_hhyopathy	Not ≥ Known	Suspected Adverse Reaction On 15 Feb 2017, dog vaccinated with Nobbuc DHP and Nobbuc L4, at the time of vaccination womer reported dog had 2 selsure is no swee period. On 15 Nar 2017, dog vaccinated with second dose of Nobbuc L4. On 17/18 Mar 2017, dog developed lethargy, vomited twice and inappleatence. On 31 Mar 2017, dog was presented and with hyperatterism, hypovoleamis and refusing to drink waster and dehydrated. Blood tests show: sodium 106 [144-150], chlorider 125 [109-122]. Who house latter the bloods were repeated: Sodium 168 [164-166] and chlorider 125 [109-122]. Admitted for intravenous fluid therapy. On 3 Apr 2017, dog was profundly adiptic. On 7 Apr 2017, dog has a suspected lesion in the brain and an MRI everseled a sienoi anotige their foliatory lobe close to the hypothalamus with a possibility of some focal and meningeal haemorrhage. On 10 Apr 2017, dog improving but not optic regist and entire grain and rinking. Bloods test takers: Sodium 161 [144-160] and placed on intravenous fluid therapy. On 12 Apr 2017, creptarla spinal fluid tap more suggestive of an immune mediated deases with hypmothyce count present, pather than an expositate cause. On 19 Apr 2017, on the count of the pather of the count of the	Retriever		Nobbac DIP- 1,M/AN/A, 10,1 ml 1 Animal (15/02/2017): BR-Nobbac L4 Suspension for injection for Dogs- 1,N/A,N/A, 10,1 ml 1 Animal (15/03/2017-15/03/2017): BR-SBR-		NCA agrees with the MAH assessment.
NUBIVAC L	GBR-MERCKMSD-2017-UK-02217	United Kingdom	Animal	Canine/dog	o.1 Year(s)	07/04/2017	27/04/2017	1 1	U 08/04/2	17 Yes, GRX-GRX- R>-BR>-BR>NC Known	Anviety_Low platelet (Not Eknown	Saspected Adverse Reaction in Jan and reb 2017, Gog (mixed breed, adult) treated for hepatic disease and recovered (uniform) med tails.] On 74 pp. 2017, Gog vaccinate with blooster of Nobbec Lt and nift Nobbac KC. On 8 Apr 2017, Gog vaccinate with blooster of Nobbac Lt and nift Nobbac KC. On 8 Apr 2017, Gog womked that morning. On 10 Apr 2017, Continued vomiting, unsettled in the evening and off food. In consistantion, no abnormalities detected and jewn furtheris and jewn Rankinden and Metoclopramide. On 12 Apr 2017, dog admitted as no improvement and given intravenous fluid therapy, stored injection and antiblotics. Bool crite Rankinde. On 12 Apr 2017, continued be off food, womiting and diarhose. All on a distributions of the stage of the store of	Crossbred	11	Nobisus Kr 4.N/AN/A.10.0 4 mil 1 Aminal (70/A2/2017)-EBR-Nobisus L4 Suspension for Injection for Dags - 1,N/A.N/A.10.1 mil 1.Animal (07/04/2017-07/04/2017)-EBR-SBR-	us - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L		United Kingdom	Animal	Canine/dog	9 Week(s)	21/04/2017	27/04/2017	1 1	0 26/04/2	R> No Known	Abdominal t pain,Vomiting,Dehydration,Letharg y (see also Central nervous system depression in "Neurological"),Elevated temperature,Inappetence	Not Known	Supercial adverse reaction Vaccinated on 21 April 2017 with Nobiac OFP and L4. Then on 26 April reported the dog had been mustle that morning it was seen in practice it was lethinger and it is not eating, it had a temperature is 39.3. It had addominal pain and was dehydrated. They put the dog on din pain of Anyaed its abdomen, nothing abnormal was found, though it did have a full stomach. They gave her antibotics then later she vorthed once and they gave her cream. In Fel following morning her temperature was 40.2, they gave Loxicam. 27 April it had fully recovered and they sent it home. No more information expected.	Labrador Retriever	4	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (21/04/2017- 21/04/2017)-BR>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (21/04/2017- 21/04/2017)-BR>~BR>	O1 - Inconclusive	NCA agrees with the MAH assessment. Product involvement cannot be excluded.
	GBR-MERCKMSD-2017-UK-02227	United Kingdom	Animal		11 Year(s)	03/04/2017	27/04/2017	1 1	0 03/04/2	R> No Known	Thrombocytopenia, Low platelet (count, Ahornal test est established the count, Ahornal test established establish	Not Known	Suspected Adverse Reaction On 24 Feb 2017, dog wacrinated with Nobbucc DHP and Nobbuc L4, fit and well at the time and no other products piew. On 3 Apr 2017, dog vaccinated with second dose of Nobbuc L4. The same day, owner took dog to groomers and the noticed a rash on ventrum/linguisal area. Presented and on examination had busings in injustin region and peteches heamorrhage on gams. On 4 Apr 2017, the dog was presented with brusing on stomach and haemorrhage on gams. Still. A manual PCV 488, 1637; and full blood were tested on a matrice, platelest 2 (127-500), Amystal 1687 (500-1500) and Lipses 3856 (200-1800), but housed scan was unementable as well languorem superest and coagediation accessing moment. External platelest count 2 (118-448) and filtimogen regions and the still a still	Spaniel	12.45	Nobbac 0HP - 1.M/AN/A, 10.1 ml 1 Amimal Z4/02/2517-88N-90bwac L4 Suspension for 1019-tion for Dogs - 1,N/A,N/A, 10.1 ml 1 Animal (03/04/2017-03/04/2017)-8R>-8R>-		NCA agrees with the MAH assessment.
NOBIVAC LA	GBR-MERCOMSO-2017-UK-02230	United Kingdom	Animal	Canine/dog	4 Month(s)	22/03/2017	26/06/2017	1 2	0 24/04/2	17 Yes, GR>-GR>- R>-BR>-GR>No Known	a Lack of efficacy (parvovirus)	Not Known	Saspected Lack of Expected Efficacy On 21 Feb 2017, dag vaccinated with first dose of Nobiuse CIP and Nobiuse L. En Oz 24 May 2017, do use cuinted with second dose of Nobiuse CIP Pand Nobiuse L. On 24 Apr 2017, dog developed fullness, listless, disarrhoea and vomiting, the dog was presented and examined - temperature 8.9 degrees Celsius and was given cerenia and artiblotics. On 27 Apr 2017, dog continued vomitting and diarrhoea and diarrhoea is orange in colour, Presented with a temperature 40.8 degrees Celsius, hard rate 20 degrees Celsius of was given cerenia and antiblotics. On 27 Apr 2017, dog continued vomitting and diarrhoea and diarrhoea is orange in colour, Presented with a temperature 40.8 degrees Celsius, heart rate 20 degrees, diseast, justice part of the second producing the second and antibiotics. Bollo exists performed and had elevated their enzymes (no value or reference range given). Parrovirus snap test negative. On 28 Apr 2017, dog collapsed and producing intermittently hamorrhage, profuse liquid diarrhoea tilbut hete so vomities than yetserday. Well Co. 3 (serv) leucopaenic but no reference range providedi, Dog has aspirated over night as lungs sound crastly with fluid. Constant dooring from nausea. Currently on intravenous fluid therapy, creanily, Veteries, Vetergeisic, Synulox and Metronidazole. Awalt further information. Follow up 5 Nay 2017 - control test (T) carried out at external laboratory stated Parvo was detected, reading of C11 with the explanation from milaboratory. A lower C1 (Threshold cycle) while (c) C1 values are usually reported between 20 and 35. Await further information received. Case closed	Rottweiler e	18	Nobiwac DHP - 1.M/AN/h, 10,1 ml 4 Weeks 1 Animal (27/03/2017) - 22/03/2017)=RR-KBR-Nobiwac L4 Suspension for Injection for Dogs-1,N/AN/h, 10,1 ml 4 Weeks 1 Animal (27/03/2017)=RR-KBR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L	GBR-MERCKMSD-2017-UK-02250	United Kingdom	Animal	Canine/dog	7.1 Year(s)	22/04/2017	28/04/2017	1 1	0 24/04/2	17 Yes, < R> No Known	Leucopenia, Lymphopenia, Not t drinking, Ataxia, Depression, Pyrexia, Hypokalaemia, Not eating, Hypoproteinaemia, Elevated ALT, Elevated total bilirubin, Elevated SAP, Proprioception deficit	Not Known	Sapper.cl Adverse Reaction Vaccinated with Nobwac IPHP and Nobwac L14 on 22 Agr 2017. Presented 27 Agr 2017. Whomer peopring that I Gay affer the vaccine the dag was attack, not eating or dinnishing. On examination the dag was attack on all all limbs, no pain responses, temperature 40.6 Cedius and depressed. Bloods were taken ALF 39 9(0-57), Gal 17.38 (9-25), Total Brotten 53 (54-77), Calcium 1.95 (2-3), White Blood Cells 4.95 (6-13), Limphocytes 0.45 (1-4.08). Reported to be toxic changes in Neutrophilis court, but unknown exact result. Given Metacam and antibiotics. 3 May 2017 reported to be 59% improved. Nothing further expected.	Border Collie	18	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (22/04/2017- 22/04/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (22/04/2017- 22/04/2017)-BR><-BR>	O1 - Inconclusive	Timing consistent with product involvement. Some signs not expected. Two vaccines administered.

	GBR-MERCKMSD-2017-UK-02277	United Kingdom	Animal	Canine/dog		11/04/2017	7 18/05/2017	1 1	1 18/04/20	R> Ye BR> No	s, (CK).Elevated triglyceride,Abnorma < test result,Death by euthanasia,Seizure NOS	Other	2017. Given at fridge temperature Extra Label Use. 18 Ayr 2017 presented as had a seture at midigitt. Set Examined 9 hours post seture. Started Diagrapm for 3 days and blood talent, Creatine Riscus e48(20- 230), Triglycridids 2.5 (8.0.34-197), GLDH 9 (2-6). No setures whilst on Diazepam. When removed off Diazepam the dog started to seture again. Over the weekend of 29-30 Ayr 2017 setures started desight Diazepam. Nothing further expected. Follow up 18 May 2017 - the dog continued to seture with worsening severity and the dog was euthansed on an unknown date. No post mortem has been reported as carried out.	liniature :hnauzer	Not ap (11/04/ 11/04/ .4,N/A, 1 Anim 11/04/ Suspen 1,N/A,I Animal	applicable 1 Animal 34/2017-SR> Nobivac KC - (AN/A, 10,0.4 ml Not applicable imal (11/04/2017- 4/2017 SR> Nobivac L4 4/2017 SR> Nobivac L4 ension for injection for Dogs - AN/A, 1,0.1 ml Not applicable 1 all (11/04/2017- all (11/04/2017-	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCXMSD-2017-UK-02327	United Kingdom	Animal	Canine/dog	8 Week(s)	28/04/2017	7 19/06/2017	4 1	1 30/04/20	R> No Known	t stool,Adipsia,Unable to stand,Death by euthanasia,Decreased appetite,Dehydration,Head tremor,Abnormal stool colouration,Unresponsive to stimu	Not Known	Apr 2017. 30 Apr 2017 a jurgy was presented as was dull and reported to not be able to stand with head rolling and soft faces, in consult, the puppy was able to stand and no abnormalities were noted at the time. Subclusteeous fluids were given and glucose syrup was advised. The puppy was sent home but presented on I May 2017 as deteriorated significantly. It was non responsive, mildly dehydrated with dark brown darmone. Owners decided to euchansed. No post morter was carried out. All 3 other puppies are reported to be well. Nothing further expected. NCA comment; paper report received with marative. 2 days post succination at eath, dull, usable so had, not drinking but dehydrated, soft facese. Veddra terms Not drinking and Decreased appetite added.	hihuahua	Unknov 28/04/ Suspen 1,N/A,I Animal 28/04/	vac DHP - 1,N/A,N/A,10,1 ml own 1 Animal (28/04/2017- 4/2017) GRS>BR>Nobiwac L4 ension for Injection for Dogs - A,N/A,10,1 ml ton tapplicable 1 hal (28/04/2017- 4/2017) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02364	United Kingdom	Animal	Canine/dog	1 Year(s)	28/04/2017	7 26/05/2017	2 2	0 30/04/20	IZ Yes, SRR>CBR>C R>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CB		Not o Known	Nobios L4 and Nobios K. C. fit and well at the time of vaccination. Given Chloramphenical eyedrops for a guidy eye on come. On 30 Apr 2017, presented and owner reported dag shaking and not himself and had been validing a bit odds. Given an injection of bupernorphine, amoustill in and Metacam. On 1 May 2017, day sus uncomfortable around back end, was given further bupernorphine and Metacam. On 2 May 2017, day sus reported with a temperature of 40.3 and refuctant to stand, nappetant and not offenings. Blood restay performed: chlorids or 101 (DIP 1212), Globalis 50 (25-43) and Well-elevated but not values or reference range). Continued Intravenous fluid therapy, amoustill and bupernorphine. On 3 May 2017, developed sub conjunctival Beleding in both eyes: Temperature 30 C and not showing any signs of pain and continued in hospital. On 4 May 2017, presented qualet, walking oddly with back legs (well-state) gain and the operature 30 C and the respectative 30 C and but on 20 May 2017, developed but on paintable belong in both eyes: Temperature 30 C and to thowing any 20 May 2017, developed but on paintable belong in both eyes. Temperature 30 C and to thowing any 20 May 2017, developed but on paintable belong in both eyes. Temperature 30 C and the repeature 30 C and 20 May 2017. Conjunctive hatemorthing still, white S or the eyes still red. Unrice steed and protein was observed and rest was normal. No further information expected. Follow up 26 May 2017. Conjunctive hatemorthing still, white Social but no value or reference range given and platelet court 114 (unknown reference) Soddium 1057 (unknown reference range). Chloride 21 (20 10-21) 22 and Chichester 30 23 (unknown etches). The scale hatemorthing is resolving as well as caudal/lumbar pain and pyrexia. No further information expected.	Tzu	Animal 28/04/ .4,N/A, (28/04/ 28/04/ Suspen 1,N/A,I	wac DiPp - J.M/A.N/A, 10,1 ml 3 L and 128/04/2017 - Al/2017/sRe9-Re9-Nobbwac KC - Al/2017/sRe9-Re9-Nobbwac KC - Al/2017/sRe9-Re9-Nobbwac L4 ension for injection for Obgst- or	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02385	United Kingdom	Animal	Canine/dog	3.8 Year(s)	19/04/2017	7 05/05/2017	1 1	0 19/04/20	17 Yes, GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-	Non-regenerative a naemia, Elevated creatinine, Leucopenia, Lymphocyto sis, Neutropenia, Lymphadenopathy Lymphoma, Drinking a loutypercal caemia, Frequent urination, Panting, Inappetence, Gen eral pain (see other 5OCs for specific pain), Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Weight loss, Shaking, Elevated BUN, Low platelet count	Not Known	Suspected Adverse Reaction On 13 May 2017, dog presented with a lymphoma and possible cruisite But disease and also had mammary development and given Galsitop, On 20 May 2017, dog succinated with hobiase DHP and Hobbac L4. On 19 Apr 2017, given second dose of hobiase L4. Owner reports that since vaccination had been inappatient divinising more. On 24 May 2017, presented to emergency practice and on examination was still reduced appetite, parting, weight loss and lethangic. The dog was also previse and had generalized lecuporal in the properties all implantation of the properties and enterpress of the properties and restrictions of subsect or reference range given). Plateiets low and had generalized lecuporal and neutropens in on values or reference range given). Disochemistry showed raised use and creatinine and elevated calcium (no values or reference range given). On Sochemistry showed raised use and creatinine and elevated calcium (no values or reference range given). Admitted from veterinary practice for intravenous fluid lenge, partibilistics with antacids. On 3 May 2017, dog had moderately enlarged lymph nodes on submandibular, per-excapula and populiteal and temperature had returned to normal parameters. External absortant yets genome and states: Leucopenia confirmed and may reflect acute inflammation, myelosuppression or immune mediated destruction. On AM way 2017, fine needle appartes taken of hymph nodes and results in Con 15 May 2017, presented to veterianny surgery due to dog lyvig in pain and shaking but this resolved and is eating a little and drinking fine. On chical examination, had so to more weight and continued on 15 May 2017, presented to veterianny surgery due to dog lyvig in pain and shaking but this resolved and is eating a little and drinking fine for nitronal one specific and continued in the resolved and is eating a little and drinking first information expects from the one specific and continued in the resolved and seating a little and drinking first information expects in the seat of	ulldog	Animal 20/03/ Suspen 1,N/A,I	wac DHP - JM,NA/N,10,1 m 1; and JR)03/2017 - JM,03/N,10,1 m 1; al/2017/SRR-RB-Nbb/wac L4 ensoin for injection for Dgs-NA/N, 10,1 m 11 Animal A4/2017-13/04/2017/SRR-SR>	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal		4.2 Year(s)	03/05/2017		1 1	0 05/05/20	17 Not Known, <b ≺BR> <br< td=""><td>stiffness, Reduced level of consciousness, Reduced the victoria to move, Injection site swelling Injection site pain, Not drinking, Atkasi, Lethargy (see also Central nervous system depression in "Neurological"), Stiffness NOS</td><td>Not Known</td><td>KC. Same day, dog developed lethargy, not eating, not drinking and on 5 May 2017, reluctant to move. On 5 May 2017, reamined and was not result yesponsive but conscious and temperature 0.3.C. painful and swollen over shoulder. Admitted and placed on in Mich therapy, methadome, steroids and intervaenous antibioticy-for allicidarymic vitable hours temperature hard reduced to normal, injection swelling had disappeared and there was no further pain around the injection site, the stiff neck had disappeared. The doy was able to walk, allhough periously had perferred recumbent, but was still wask. He was hospitalized for a further 24 hours and intravenous steroids were continued. On 8 May 2017, re-examination and the temperature was normal, and hup improvement inhoulity and mentation was normal and very bright. There was still reduced proprioception on paw placement of his right hind and this datas associated with the right hand das but otherwise he was very well. No further information expected. Follow up 12 May 2017 - Reseen on 11 May 2017 and imporvement observed. Slightly reduced proprioception in right hind. Clindamyrin has been stopped bit continues Synulox and Prednicare. Nothing further expected</td><td>order Collie</td><td>Animal 03/05/ Suspen 1,N/A,I (03/05,</td><td>Nex KC - AMAN/A,10,0.4 ml 1 al (03/05/2017) - (15/05/16/16/16/16/16/16/16/16/16/16/16/16/16/</td><td></td><td>NCA agrees with the MAH assessment.</td></br<></b 	stiffness, Reduced level of consciousness, Reduced the victoria to move, Injection site swelling Injection site pain, Not drinking, Atkasi, Lethargy (see also Central nervous system depression in "Neurological"), Stiffness NOS	Not Known	KC. Same day, dog developed lethargy, not eating, not drinking and on 5 May 2017, reluctant to move. On 5 May 2017, reamined and was not result yesponsive but conscious and temperature 0.3.C. painful and swollen over shoulder. Admitted and placed on in Mich therapy, methadome, steroids and intervaenous antibioticy-for allicidarymic vitable hours temperature hard reduced to normal, injection swelling had disappeared and there was no further pain around the injection site, the stiff neck had disappeared. The doy was able to walk, allhough periously had perferred recumbent, but was still wask. He was hospitalized for a further 24 hours and intravenous steroids were continued. On 8 May 2017, re-examination and the temperature was normal, and hup improvement inhoulity and mentation was normal and very bright. There was still reduced proprioception on paw placement of his right hind and this datas associated with the right hand das but otherwise he was very well. No further information expected. Follow up 12 May 2017 - Reseen on 11 May 2017 and imporvement observed. Slightly reduced proprioception in right hind. Clindamyrin has been stopped bit continues Synulox and Prednicare. Nothing further expected	order Collie	Animal 03/05/ Suspen 1,N/A,I (03/05,	Nex KC - AMAN/A,10,0.4 ml 1 al (03/05/2017) - (15/05/16/16/16/16/16/16/16/16/16/16/16/16/16/		NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-02390	United Kingdom	Animal	Canine/dog	5.4 Year(s)	05/05/2017	7 14/06/2017		0 05/05/20	17 Not Known	Sloody diarrhoes, Collapse (see als Cardio-vascular and Systemic disorders), Rale, Tachypnoes, Partin g. Decreased appetite, ethargy (see also Central nervous system depression in Neurological), Reluctant to nove, Respiratory sound, Dilated spuls, Mertal inpairment NOS, Line abnormalities NOS, Loose 100, Haematuris, Diarrhoea	o Not Known		ick Russell errier	for Doj Unkno	vac L d Suspension for Injection Ogos - 1.N/A,NA, 0.1 ml nown 1 Animal (05/05/2017- 55/2017)-BR> 	B - Possible	NCA agrees with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02401	United Kingdom	Animal	Canine/dog	Not Known	01/01/2016	22/08/2017	1 1	0 01/01/20	16 Yes	Seizure NOS	No Data	Suspected Adverse Reaction - On an unknown date in approximately 2015, the dog was vaccinated Oil with hobitox Lt. On the same day, during the finight the dog had a fc. On an unknown didt, dog was presented to the vet and started sterolds. The dog had then continued some fitting but it is unknown when this occurred and information is limited. Availsf uther information. Follow up 22 Aug 2017 - No further information received for this case regarding treatment or outcome.	ther No anine/dog Kno	own for Do Animal	vac L4 Suspension for Injection (logs - 1,N/A,N/A ,10,1 ml 1 nal (01/01/2016- 11/2016) BR> 	O1 - Inconclusive	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-02416	United Kingdom	Animal	Canine/dog	11 Year(s) 2.9 Year(s)	03/03/2017	08/05/2017	1	1 1 25/03	/2017 Yes, <er> <b< th=""><th>Not also Central nervous system depression in 'Neurologica'],Off colour_Lymphadenopathy_Lympho ma</th><th>Not Known</th><th>Suspected Adverse Reaction On 23 Jan 2017, dog was presented as was shevering, weak and worbbly. No abnormalities were found and not resturent given. Unknown if resolved. On 18 Pai 2017, dog started restart vaccination of Noblwac LIPPP and Noblwac LIP. On 3 Mar 2017, vaccinated with second does of Noblwac LIP. On 25 Mar 2017, dog was presented to emergency practice as was lethangic and off colour. On examination had generalised lymph adeexposity, On 27 Mar 2017, still lethangic and generalised may be a considered with the production practice of the production of the and necessary and started using a consideration of the production of the production practice to report that on 24 Apr 2017, the dog another practice. The counter that called the previous practice to report that on 24 Apr 2017, the dog and on principle control of the production practice to report that on 24 Apr 2017, the dog and on principle control of the production of th</th><th></th><th></th><th>Nobivac DHPPL, Lyophilisate for Suspension for injection for Dogs- 1,N/AN/A, 10,1 ml 1 Animal (03/02/2017- 03/02/2017/BER>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A, 10,1 ml 1 Animal (03/03/2017-03/03/2017)-BR>-BR>- Nobivac DHP-1,N/AN/A, 10,1 ml</th><th>N - Unlikely O1 - Inconclusive</th><th>NCA agrees with the MAH assessment. NCA agrees with the MAH assessment. Await</th></b<></er>	Not also Central nervous system depression in 'Neurologica'],Off colour_Lymphadenopathy_Lympho ma	Not Known	Suspected Adverse Reaction On 23 Jan 2017, dog was presented as was shevering, weak and worbbly. No abnormalities were found and not resturent given. Unknown if resolved. On 18 Pai 2017, dog started restart vaccination of Noblwac LIPPP and Noblwac LIP. On 3 Mar 2017, vaccinated with second does of Noblwac LIP. On 25 Mar 2017, dog was presented to emergency practice as was lethangic and off colour. On examination had generalised lymph adeexposity, On 27 Mar 2017, still lethangic and generalised may be a considered with the production practice of the production of the and necessary and started using a consideration of the production of the production practice to report that on 24 Apr 2017, the dog another practice. The counter that called the previous practice to report that on 24 Apr 2017, the dog and on principle control of the production practice to report that on 24 Apr 2017, the dog and on principle control of the production of th			Nobivac DHPPL, Lyophilisate for Suspension for injection for Dogs- 1,N/AN/A, 10,1 ml 1 Animal (03/02/2017- 03/02/2017/BER>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A, 10,1 ml 1 Animal (03/03/2017-03/03/2017)-BR>-BR>- Nobivac DHP-1,N/AN/A, 10,1 ml	N - Unlikely O1 - Inconclusive	NCA agrees with the MAH assessment. NCA agrees with the MAH assessment. Await
		Kingdom								R>GBR>GBR GBR>GBR>N BR>GBR>N Known	Yes, also 'Behavloural disorders'],Unable to stand,Ataxia,Recumbency,Death by euthanasia,Head tilt - neurological disorder,Atroptant ayrstagmas,Not eating,Dilated pupils,Walking difficulty,Abnormal pupil light refie	Known	Presented on 8 May 2017 with head tilt and circling. Started on 7 May 2017. Now struggling to stand and walk. On examination head tilt and circling and falling to the first with priorizing instyagmus, dailtand pupils, negative pupillary light reflex. Ear exam normal, struggling to eat due to ataxia, no known trauma. Cerenia was given and sent home. 9 May 2017 the 60g was reported to be non ambulstory trauma. Evenia was given and sent home. 9 May 2017 the 60g was reported to be non ambulstory and sent for referral, await report. Birollow up 22 May 2017 - the 60g was referred to a neurologist. Infilamentary disease was considered must lidignosis but other setchologis such as vascular disease could not be excluded on examination alone. Further investigations were discussed and included blood tests, MRI of the basis and exclusive plant fluid analysis. The owners were uncertain on how to proceed and opted for euthanasia on 10 May 2017, Private cremation was carried out.	d h		Unknown 1 Animal (06/05/2017- 06/05/2017)+BR>-BR>Nobivac KC - 4.N/AN/A , 10.0.4 ml Unknown 1 Animal (06/05/2017- 06/05/2017-BRS-4BR-Nobivac L4 Suspension for Injection for Dogs - 1./NA/M, 2.0.1 ml Unknown 1 Animal (06/05/2017- 06/05/2017)+BR>-BR>		information.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02486	United Kingdom	Animal	Canine/dog	8.8 Year(s)	02/05/2017	10/05/2017	1	1 0 08/09	R> <bf Known</bf 	Not abscess,Polydipsia,Skin warmth,Ofi colour,Pyrexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Suspected Adverse Reaction Vaccinated with Nobius CHP and Nobius CL 1 on 2 May 2017. B May 2017 presented as off Chou let lahangi and felt hot around nose. Temperature 40.1 Celsius and given Syrulox and Metacam. 9 May 2017 temperature now 40.2 C, drinking more with a 12cm lump at vaccine site, left hot to touch and full of pus. The lump was lanced, flushed and swabbed. Results sent way concluded consistent with moderate septer and purdent inflammation with plagocytosed bacteria consistent with bacterial infection, which may have been introduced at the time of the infection. No bacteria was kolated. Nothing further expected.	7 Crossbred	38.3	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (02/05/2017- 02/05/2017-)BR-S-BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (02/05/2017- 02/05/2017-BRS-SBR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02529	United Kingdom	Animal	Canine/dog	Not Known	03/12/2015	19/05/2017	1	1 0 14/1	Yes, GB-st B-GB-SB Known		s Not	Suspected Adverse Reaction in 2016, dog vaccinated with Nobbac CHP and Nobbac L4 (unknown details). On 15 Dec 2016, dog was presented with unknown clinical signs and eventually referred to a referral practice for further information and diagnosed with possible meningitis. Await further information flow just plant of the properties of	English Springer Spaniel	Not		O3 - inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCIMSO-2017-UK-02548	United Kingdom	Animal		10 Week(s)		09/06/2017	1		R> <bf< td=""><td>result-hypoalbuminaemia, limping, Decreased haemoglobin, Decreases packed cell volume (PCV), Monocytosis, Anaemia NOS, Leucocytosis, Neutrophilia, Joil t swelling, Estrary (see a bio. Centr nervous system depression in 'Neurological')</td><td>Not Known d</td><td>Supected adverse reaction. Vaccinated on 1 May 2017 Nobisec DHPP and 1.4. Once the puppy west home it was tething, a solo limping, (unknown which limb). J May puppy is quited and lame on Right hind, is eating and dirinking. When examined it had a temperature of 10.25, with a sore swollen right stills, decided to X-yz. 3 May X-yrad end placed on intravenous fluids, given Colssane and Ranktidine. It has a temperature of 10.45, is holding up the stifle on the left hind and the right hind is still swollen. Joint 6 on't feel hot and don't seem painful. Results of X-ya yar unknown, they suspect IMPA (immune mediated polyarthritis) However this has not been diagnood. Bloods taken show REC 44 (5.6.5.837) Hamman (2017.36) (citablish is 813.12.59) MrS 5, 4616.7-32. MCH 15 (021.2-2.5.9) WBC 7.6.18(0.5.1-2.7.5) Neutrophils 18.57(2.5.1-1.6) Monocytez. 280.1-6. 11.2 (reach 18 (7.7.00) (tran 15.2.5-1.0.4) The Vision of The Vision of Michael State (1.6.5.8.3) and the Vision of Michael State</td><td>e</td><td>6.5</td><td>Nebbus DIPPI, Lyophiliasta for Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Dogs - 1</td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td></bf<>	result-hypoalbuminaemia, limping, Decreased haemoglobin, Decreases packed cell volume (PCV), Monocytosis, Anaemia NOS, Leucocytosis, Neutrophilia, Joil t swelling, Estrary (see a bio. Centr nervous system depression in 'Neurological')	Not Known d	Supected adverse reaction. Vaccinated on 1 May 2017 Nobisec DHPP and 1.4. Once the puppy west home it was tething, a solo limping, (unknown which limb). J May puppy is quited and lame on Right hind, is eating and dirinking. When examined it had a temperature of 10.25, with a sore swollen right stills, decided to X-yz. 3 May X-yrad end placed on intravenous fluids, given Colssane and Ranktidine. It has a temperature of 10.45, is holding up the stifle on the left hind and the right hind is still swollen. Joint 6 on't feel hot and don't seem painful. Results of X-ya yar unknown, they suspect IMPA (immune mediated polyarthritis) However this has not been diagnood. Bloods taken show REC 44 (5.6.5.837) Hamman (2017.36) (citablish is 813.12.59) MrS 5, 4616.7-32. MCH 15 (021.2-2.5.9) WBC 7.6.18(0.5.1-2.7.5) Neutrophils 18.57(2.5.1-1.6) Monocytez. 280.1-6. 11.2 (reach 18 (7.7.00) (tran 15.2.5-1.0.4) The Vision of The Vision of Michael State (1.6.5.8.3) and the Vision of Michael State	e	6.5	Nebbus DIPPI, Lyophiliasta for Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Injection for Dogs - 1JN/AJN/A 1.0.1 ml Unknown 1 Animal 01/05/52/07/10 PIRPI-REP-Nebbus L 1 Superision for Dogs - 1	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-02578	United Kingdom	Animal	Canine/dog	10 Week(s)	10/05/2017	06/06/2017	1	1 1 15/0	R> <bf Known</bf 	Not	Not Known	Sispected Adverse Reaction On 10 May 2017, puppy vaccinated with Nobivac DHPPi and Nobivac L4 and nothing absorman lored on clinical examination. On 15 May 2017, pupply left in the morning and had been active and bright. Later the owner found dead curled up on the carpet. An in-house post mortem was performed and for ofund hearmorninge in the pericardial area, await further information. Follow up 6 Jun 2017 - Histopathology carried out showed a dialete girlly extentice and artism. Left ventricle is thickened with an increase in inconsistency. Peracute heart failure is possible, but commixing evidence of an underlying congenital abnormality was not evident. The Vet does not feel it is vaccine related. Nothing further expected.	Yorkshire Terrier	2	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A, J.O., ml Animal (10/05/2017- 10/05/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1.0,1 ml 1 Animal (10/05/2017-10/05/2017)-BR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02590	United Kingdom	Animal	Canine/dog	16 Month(s)	13/05/2017	30/08/2017	1	1 14/0!	/2017 Yes, <e R> <bf< td=""><td></td><td>Other</td><td>Suspected Adverse Reaction On 13 May 2017, dog vaccinated with Noblack DHP and Noblact L4 foot given at room temperature - estra label usel, if and well at time of vaccination. Regurgitated water in previous week and raised the bowl and was no longer sick. Same day, dog developed flatulence. Dn 14 May 2017, the dog womited and started having a loud honking cough then the dog ded glafter a loud honking sigh). Avail truther information from a possible post mortern. Follow up 21 mo 2017 - Post mortern findings were strongly supportive of a rupture of prior pulmonary bullae with subsequent pneumothorax. Tension pneumothorax could have caused sudden death via hypoxaemia and cardiovascular collagse. Availar further information from pending histology. Follow up 30 Aug 2017 - No further information nezelved: case closely.</td><td></td><td>5.7</td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (13/05/2017- 13/05/2017-8RS-⊲RR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (13/05/2017-13/05/2017)-BR> </td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></bf<></e 		Other	Suspected Adverse Reaction On 13 May 2017, dog vaccinated with Noblack DHP and Noblact L4 foot given at room temperature - estra label usel, if and well at time of vaccination. Regurgitated water in previous week and raised the bowl and was no longer sick. Same day, dog developed flatulence. Dn 14 May 2017, the dog womited and started having a loud honking cough then the dog ded glafter a loud honking sigh). Avail truther information from a possible post mortern. Follow up 21 mo 2017 - Post mortern findings were strongly supportive of a rupture of prior pulmonary bullae with subsequent pneumothorax. Tension pneumothorax could have caused sudden death via hypoxaemia and cardiovascular collagse. Availar further information from pending histology. Follow up 30 Aug 2017 - No further information nezelved: case closely.		5.7	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (13/05/2017- 13/05/2017-8RS-⊲RR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (13/05/2017-13/05/2017)-BR> 	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-02599	Linda d	Autoral	Carles (das	4.44	05/04/2017	15/05/2017		0 43/0	2017 Not Known	Accounts	T	uspected Adverse Reaction On 5 Apr 2017, dog vaccinated with second dose of Nobivac L4. On 12 Apr	English Cocke		Nobivac L4 Suspension for Injection B	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4		Kingdom	Animal	Canine/dog	8 Week(s)	15/05/2017	30/08/2017		0 15/0		NOSE.osinophilia, Leucopenia, Neut ophilia, Pyreda, Monocytosis, Abnor mal test result, law pain, Decrease haemoglobin, Elevated gamma- glutamyl transferase (GGT), Dull, No eating Thrombocytopenia, Leucoytosis, N	t	Superior numeric relation (1) Type 247, log yearchise with receivable with order to woods or Configuration (1) Type 247, log entire and the second of the se	Standard	3.4	for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (05/04/2017 - 05/04/2017) -BR> 	D1 - Inconclusive	tethargy inaggetence and sleepiness may occur after
		Kingdom	Animal					1		R×GBR>GBR>	lot eutrophilia Pustules, Inappetence, S eepiness - systemic disorder, Weigh loss, Vaginal discharge, Abnormal test result, Decreased haemoglobin, Decreased packed cell volume (PCV), Lethargy (see also Central nervous system depression in 'Neurological')	Known	and Noblex L4, fit and well at time of vaccination and no other medication given but was microchapped at the same time. Same of was elethargic, inappeart and sleep, 0. no 16 May 2017, continued to be lethargic and temperature 93°C. On 17 May 2017, presented as still inappearent, weight loss, lethargic and full temperature was normal but had developed putules around mouth, eye, peripheral ears as well as a vaginal discharge. The puppy was admitted for intravenous fluid therapy and initial blood test showed no abnormalities. Awalf turbur information, Follow up 25 May 2017, excess the contract of discharge, but reported to have improved but not 100%. Lesions are still present. Awalf turbur information, Follow up 25 May 2017 - exen on 18 May 2017, VIVEC 20.2 (6-15) Neutophils 15.8 (3-1.15) Ecisiosphils (0.1-1.2) RBC 4.27 (5-8.5) HB 9.5 (12-18) PCV 30.7 (17-55.5). Sim 200-5 May 2017 - Non-Morthalization goods with 25 May 2017 - whose Malazzasia packpriematilists, Coap goostive Szaph, Nothing further expected. Follow up 30 Aug 2017 - No further information received - case closed	Poodle		Animal (15/05/2017- 15/05/2017-BB>-RB>-Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A, 10,1 mil 1 Animal (15/05/2017-15/05/2017)-BR>>BR>		vaccination, but the subsequent facial justules and vaginal discharge sugest an underlying pathology. Timing suggests product involvement. Two products administered.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02627	United Kingdom	Animal	Canine/dog	5 Year(s)	04/04/2017	16/05/2017	1 1	0 29/04	/2017 Yes, <br R> Known</br 	-«B Lethargy (see also Central nervous to system depression in 'Neurological'),Off colour, Pyrexia, Decreased packed cell volume (PCV),Abnormal test result, Decreased haemoglobin, Regenerative anaemia	Not Known	Superted Adverse Reaction On 4 Apr 2017, dog succinated with Nobinus CHP and Nobinus L.4, fit and well at time of vaccination and no toler products given at the same time. On approximately 29 Apr 2017, dog was off colour but was not presented. On 3 May 2017, presented with a temperature of 39 SC, lethange, off food and was given an antibiotic injection. On 6 May 2017, the preparture 93 C2 and no real improvement, blood tests performed: 188 C3.3 (5-8.3), hemoglobin 8.8 (12-18), PCV 29 (3) S), reticulocytes court 73:10 P101 reperation) and was diagnosed with regenerative anexima. On 5 may 2017, temperature returned to normal parameters, brighter and was given a steroid injection. On 12 May 2017, blood tests performed: reticulocytes 492 (-110) and owner stated dog seemed more back to normal. No further information expected.	Bichon Frise	7.8	Animal (04/04/2017- 04/04/2017\=R8>\=BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (04/04/2017-04/04/2017)\=BR>\=BR>	01 - Inconclusive	Pyexia lethargy and off colour can be seen after vaccination, however, 25 days is a very rong conset time and signs such as anaemia are not expected. Anaemia is more likely to be related to an underlying condition.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02656	United Kingdom	Animal	Canine/dog	9 Year(s)	01/01/2016	17/05/2017	1 1	0 01/01	2016 Not Known	Seizure NOS	Not Known	Suspected Adverse Reaction in 2016, dog vaccinated with Nobivac L4 (unknown exact details). The owner reported that within 24 hours after vaccination the dog had a seizure (unknown details). No further details available and no further information expected. The dog had a nexact same reaction in	Pug	Not Known	Nobivac L4 Suspension for Injection C for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (01/01/2016-	O - Unclassifiable/unassessa	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02658	United Kingdom	Animal	Canine/dog	9 Year(s)	01/01/2017	17/05/2017	1 1	0 01/01	/2017 Not Known	Seizure NOS	Not Known	2017 after Nobivac L4. See linked case: 2017-UK-02658 Suspected Adverse Reaction in 2017, dog vaccinated with Nobivac L4 (unknown exact details). The owner reported that within 24 hours after vaccination the dog had a seizure (unknown details). No further details available and no further information expected. The dog had an exact same reaction in	Pug	Not Known	01/01/2016):BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2017-	ote O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02683	United Kingdom	Animal	Canine/dog	3 Month(s)	27/03/2017	18/05/2017	8 8	7 31/03	/2017 Yes, <br< td=""><td></td><td>Other</td><td>2016 after Nobivac L4. See linked case: 2017-UK-005565 Saxpected Adverse Reaction Spuppies in a litter vaccinated on 27 Mar 2017 with Nobivac DHP and Nobivac L4. Vaccine given at fringe temperature (Extra Label Use-Nobivac L4). Breeder took the puppies home and reported that 4 days late (31 Mar 2017) her became polyvic and polystipsic and were off food. 7 puppies dead and 1 puppy remains well on the same date. The surviving puppy had second vaccine on 42 Apr 2017 and reported to be doing well. No post motrems have been carried out breeder disposed of the bodies. Breeder breeds multiple breeds and Vet reported to have a lot of unosens on site. Nothing further excent.</td><td>Crossbred</td><td>Not Known</td><td>0.1/01/2017\cdot3R\cdot SR\circ Nobivac DHP - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (27/03/2017\cdot 27/03/2017\cdot Suspension for injection for Dogs- 1,N/A,N/A, 10,1 ml Unknown 1 Animal (27/03/2017\cdot 37/03/2017\cdot 37</td><td>D - Unclassifiable/unassessa ble</td><td>NCA agrees with the MAH assessment.</td></br<>		Other	2016 after Nobivac L4. See linked case: 2017-UK-005565 Saxpected Adverse Reaction Spuppies in a litter vaccinated on 27 Mar 2017 with Nobivac DHP and Nobivac L4. Vaccine given at fringe temperature (Extra Label Use-Nobivac L4). Breeder took the puppies home and reported that 4 days late (31 Mar 2017) her became polyvic and polystipsic and were off food. 7 puppies dead and 1 puppy remains well on the same date. The surviving puppy had second vaccine on 42 Apr 2017 and reported to be doing well. No post motrems have been carried out breeder disposed of the bodies. Breeder breeds multiple breeds and Vet reported to have a lot of unosens on site. Nothing further excent.	Crossbred	Not Known	0.1/01/2017\cdot3R\cdot SR\circ Nobivac DHP - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (27/03/2017\cdot 27/03/2017\cdot Suspension for injection for Dogs- 1,N/A,N/A, 10,1 ml Unknown 1 Animal (27/03/2017\cdot 37/03/2017\cdot 37	D - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKM/SO-2017-UK-02821	United Kingdom	Animal	Canine/dog	6 Month(s)	01/03/2017	31/05/2017	1 1	0 19/05	(2017 Not Known, -> \$RX-\$BX-\$C Yes, -BR R>-BR-ABR-BB BR>-BR-ABR>-O Known	R> ataemia,Elevated <b sap,conjunctivitis,pyrexia,meningit<br="">es, s,Lethargy (see also Central	Not Known	Superciand Adverse Reaction On 1.1 Mar 2017, dog waccinated with second dose of primary course of Nobbuse DIPH, Nobuse L 1 and first Nobbuse C. Dog developed some clinical signs that are not confirmed and was referred to a referral practice on 19 May 2017. At the referral practice to the dog had a lumbar puncture, MRI and adligonous dwith steriori-ferespower werenights arrists and started high dose of steroids. The spent two days in practice and then was discharged, the dog is also lame on hind legs and not weight bearing. Not Interior information expected, Follow up 31 May 2017. Clinical history received: 11 Apr 2017, dog developed conjunctivitis bilasteraly, on 1. May 2017, owner applied reductive (Endercial doll ong + 25 mg Specho – solution for Nedural Dogs best gives VMM). On 18 May 2017, dog developed a solden onset depression and tethatigy. The dog them developed reductant to walk, weak and depressed. Presented and had a temperature of 40 degrees Celsian and admitted for intravenous fluid therapy, pain relief and blood celsis. On 19 May 2017, Bood results: AP 420 (12-83), phosphorus 2.79 (6) 8.1.18, gloscos 7.5 (8-83). Dog still degreesed, still gat and neck and temperature 40.4 degrees. Celsius. The dog was then referred to referral practice. No further information expected.	Boxer (German Boxer)	Not Known	Endectrici 100 mg + 25 mg spot-on solution for Medium Dogs- 1,N/AN/A, 24,1 Dose 1 Aviimal (IU/05/2012- IU/05/2012- IU/05/2012	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02851	United Kingdom	Animal	Canine/dog	4.9 Year(s)	24/05/2017	26/05/2017	1 1	0 24/05	/2017 Yes, <br R> </br 		No Data	Supperch adverse Reaction Vaccinated on 24 May 2017 with Noblaux Rables and Ls, then 5 minutes later the day comitted and wenfit fat and hag ale muss membranes. Increased respiratory (unknown what) it had a normal temperature. They gave it intravenous fluids and within 20 minutes the dog was up and wagging its tails. and then went home . No more information expected.	Crossbred	6.2	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A.N/A, 1,0,1 ml Unknown 1 Dose (24/05/2017-24/05/2017)-8R> Nobivac Rabies - 1,N/A.N/A, 1,0,1 ml Unknown 1 Dogs (24/05/2017-24/05/2017)-8R> BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02865	United Kingdom	Animal	Canine/dog	10 Week(s)	18/05/2017	26/05/2017	1 1	0 18/05	/2017 Yes, <br R> Known</br 	«Nomiting,Tachypnoea,Collapse (sei tot also 'Cardio-vascular' and 'Systemi disorders',Hyperthermia, Tachycan ia,Swelling around eye,Facial swelling (see also 'Skin')	e Not Known	Suppercial adverse reaction vaccinated with a first dose of Noblacc DPP and Lf. Alate unknown. Then on 18 May 2017 had a second Noblacc DPP and Lf. Anothing elves as given at the same time. Within 3 minutes of having the vaccine the dogs face started to swell, the dog started to womit and it had swelling to 1st "seys and face. The dog was fits and tackpropie and tachpractic Pre, gave 0.4 mt of Decaderson and 45 minutes lister the swelling had almost completely resolved. The dog had fully accovered the following day. No more information expected. Not applicable, report received by VMD included hyperthermia (weddin term added) and recovery within 2 hours.		8	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (18/05/2017- 18/05/2017-18R>-8R-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (18/05/2017- 18/05/2017)-8R>>8R>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-02866	United Kingdom	Animal	Canine/dog		25/05/2017	29/07/2017	1 1	0 26/05	Known, > < Not Known	R> zure NOS,Behavioural disorder NO	Not i Known S	Supported adverse reaction Vaccinated on 25 May 2017 with Nobisex L4, nothing else was given at the same time. Then following day at 8 ma the day bad Adorem spot on applied to The scrift area. Then an hour later a seture, was thrashing around and had dilated pupils and fiel down the stair It continued thrashing at the bottom of the stairs. It was remember but conscious. Was taken to the practice, panting and tachycardis 1926pm. Otherwise was normal on examination. No medication was given. They kept if in for observation. Blood glucose was normal on? EVV was normal, other bloods were sent away to an external Laboratory (no results as yell it had no further satiures. Went home recovered. Owners informed the practice it had a seture on 90 oft 2015 is no acod depsode no vaccines were given at this time. Open case, await blood results. Follow up 29 July 2017 No more information needled, close case.	Crossbred i.	12.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A. (J.) ml Unknown 1 Animal (25/05/2017-25/05/2017)-BR>-BR>-Unauthorised Veterinary Product - 1,N/A.N/A. (J.4.1 Dose Unknown 1 Animal Allerderm (26/05/2017-26/05/2017)-BR>-BR>-		Product involvement cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-02892	United Kingdom	Animal	Canine/dog	16 Week(s)	08/05/2017	30/05/2017	1 1	1 15/05	/2017 Not Known	Jaundice, Collapse (see also 'Cardio vascular' and 'Systemic disorders'), Pyoderma, Death by euthanasia, Elevated gamma- glutamyl transferase (GGT), Elevated ALT, Elevated bile acids, Elevated SAP, Inappetence	- Not Known	Supercted Adverse Reaction on St May 2017, do gwacrinated with second dose of Nobivac LA. On 15 May 2017, og developed inappetance, on 19 May 2017, og developed inappetance, on 19 May 2017, og developed inappetance with otherwise well in self. On 20 May 2017, owner stated had been inappetant for 4 days and was admitted or intravenous fluid therapy, unspecified supporthe treatment and blood tests performed: Alt Edd (8-75), Alt 2102 (8-807), Got 15 (stated but no reference range), Bile acids raised from value or reference range given). During the time of hospitalisation dog became jaundice and was latter discharged (unknown exact details). Alter scan was performed and no evidence of a shunt. The dog was exthanseed on 29 May 2017 as collapsed. The dog has since been buried at home and no post montem has been enformed. No further information exception.	English Springer Spaniel	14	Nobivac L4 Suspension for Injection If for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (08/05/2017 - 08/05/2017)-BR> 	B - Possible	Time association is not weak (7 days) and this was the only vaccine administered at the time. Even though these signs are not expected post vaccination, nobbact L1 has been associated with abnormal liver test results, therefore product involvement cannot be excluded.

													1					1		
NOBIVAC L4	GBR-MERCKMSD-2017-		United Kingdom	Animal	Canine/dog	Not Known 2 Year(s)	29/05/2014	31/05/2017	1 1		9/05/2014 1/01/2017	Yes, BR> BR>Not Known	Vestbular disorder NOS,Catrant-Cwerological signs NOS,Intestinal disorder NOS,Death,Hernia NOS,Death by euthanasia	Not Known	Suspected Adverse Reaction On 29 May 2014, dog vaccinated with Noblack DHPPI and Noblack 14 (unknown exact details). Reported within 26 hours developed mid vestibular and envelopigia-like signs (unknown exact details). The dog was not presented to veterinary practice. On an unknown date resolved. The reporter states that the vaccination of the mother caused abnormalists in the following littless of pupples born: The dog had her second littler on 11 Apr 2015 of 7 pupples. One died within 24 hours and second poppy was euchanised, a post morner was performed on this puppy and found intestines were not pined together (no exact details). Another puppy on 28 Jan 2015 was found to have an open fortanciel (see linked case 2017-UK 50201). On 8 May 2016, the bitch had her third littler of 8 pupples and within this litter one puppy prior to vaccination at 10 weeks old was found to have bilateral catarnates and sistent but on a fercial development rather than the redistriar. Reported also that a cougle of the pupples (unknown numbers) had umblical hernia and one had an inguinal hernia. Not further information expected. The owners other dog was also vaccinated with Nobacc DHPP and Noblace Ld and developed the same clinical sign but more serverly. See linked case: 2014-UF-02195. Suspected Adverse Reaction 17 his puppy was born from litter that had a few issuer form a vaccinated Suspected Adverse form as accinated in Suspected Adverse form as accinated in Seed of the server	Cavalier King Charles Spaniel G Cavalier King	Not Known	Nobiac DHPPL, tyophilisate for Suppension for lingten for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal 20/9/65/2014 - 29/65/2014 -	B - Possible N - Unlikely	NCA agrees with the MAH assessment. NCA agrees with the MAH assessment.
NOBIVAL L4	GBR-ME RC RMSG-2017-	-UK-U3UU1	United Kingdom	Animai	Canine/dog	2 Year(s)	15/09/2016	\$1/U5/2017	1 1	. 00	1/01/2017	Not Known	vocaisation, Drites externa, Hydrocephalus, Bulging eye, Abnormal menace reflex test, Eyesight trouble, Strabismus, Scratching	Known	subjected Anverse Matchion Into Spubly Was both Throm Inter that had a leve issues Trom a Vaccinated monther wind received holibact. Led an Mothuse CHEPP. This puppy was found to have an open fornitamelic. Other puppy from Inter – one died within 24 hours and another was estimated due to an interstinal abnormality. See linked case 2027-146-02990 On 15 59 2016, dogs ventated with Nobicsel. 16 (inknown) figwers with another vaccine) and head a second dose on 1.0 Cl 2016. In Jan 2017, dog developing fight process carcine; that was directed toward needled region. The was also do vausable of the control of the second of the control o	Charles	Known	Noowac L4 suspension for injection for Original Translation (1) of Dogs - 11/A, MA, Jol, ml 1 Animal, vaccinated twice, 15/09 and 14/10 (15/09/2016) - 14/10 (15/09/2016) - 14/10/2016) - BR>- BR>	N - Unlikely	NLA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-		United Kingdom	Animal		13 Month(s)	29/05/2014	31/05/2017	1 1		1	Yes, >R R> >R>Not Known	Vocalisation,Pain NOS,Paraesthesia,Brain disorder NOS,Malformation NOS	Not Known	Suspected Adverse Reaction On 11 Apr 2015, dog was from a bitch that was vaccinated with Nobioc L4 and Nobioc Nethon 20 May 2014 (See Inleed case 2017-UR-02999). It sulmount if the dog was vaccinated further. Developed sudden screaming and unspecific pain. On 5 may 2015, referred and appeared paraesthetic and screaming when examined. Diagnosed with caudal occipital malfurction syndrome without syndrophydromyelis. No further information expected. The dogs litter mates later developed allergies (see linked case: 2017-UK-00004) and another developed a malformed knee (see linked case: 2017-UK-00009).	Spaniel	Not Known	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A, 10,2 m 1 Animal (29/05/2014- 29/05/2014)+BR>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (29/05/2014-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-03011	United Kingdom	Animal	Canine/dog	9 Year(s)	27/04/2017	05/06/2017	1 1	1 25	9/04/2017	Not Known	Dry mucous membrane,Head tremor,Death,Diarrhoea,Distension of abdomen,Enlarged lymph nodes (generalised)	Not Known	Suspected adverse reaction Naccinated on 27 April 2017 with a first Nobivac L4. Then 2 days later the owner reported it had a mild head tremor for a few hours, on ynstgams reported. Nothing else was noted. Then on 21 May 2017 the owner woke at 3 am as the dog had passed diarrhoes with no blood. Was seen out of hours and on examination it had tacky guars. Had prominent phyrin hodes, also a barrel shaped enlarged abdomen. The dog died before they could euthanase it. No post mortem was secretioned. No more information execution.	West Highland White Terrier	11.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (27/04/2017- 27/04/2017) 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-ик-03012	United Kingdom	Animal	Canine/dog	2 Year(s)	23/03/2016	31/05/2017	1 1	. 0 02	2/04/2016	Not Known	Ataxia, Collapse (see also 'Cardio- vascular' and 'Systemic' disorders'), Twitching-Panting, Malaie, Rigidity of limbs, Seiture NOS, Shaking, Elevated blie acids, Star-pazing, Discomfort NOS, Low platelet count, Yomi	Not Known s	Siapected Alverse Reaction The dog developed ongoing diarrhose epitodes since 20 Jul 2014. On 23 Mar 2016, dog was oxicinated with assumed Noblosu LG however the booster is unspecified). On 2 Apr 2016, developed discomfort over lumbar spine and was given Metacan and strict exercise instructions. On 8 Jun 2016, the dog had another 'strange epicode' but it is not detailed when the first episodes happened but occurred in Mar 2016 and another in Apr 2016. The dog became stiff and rigid during this and was the placed on floor and was stated. This lasted 5 minutes then resolved. Presente with no abnormalities and nothing was given. On 10 Aug 2016, was quiet and developed soft stools an then diarhose. Later the dog vomitted four times and was presented again and given an anti-metic. On 13 Aug 2016, will had diarrhose and given Mertobactin and faecal sample taken but no abnormalities sent is lood ests performed showed. Monorcyber. 118 (1013–115), placelets 128 (143–448) and the lead of 3, 01.5.50, 01.6 No 2016, dog collapsed present to emergency practice and dog was vacant and quelle (legs slight), will also 3). Dog was discharged in 18 Novo 2016 as no further clinics was vacant and quelle (legs slight), will all a section. On 13 and 2017, had secure in the might, parinting, shaking and twiching that lasted after on the Control of a secure. On 13 and 2017, and secure was 10 and 2017, stated resonant on further than diarchose. On 3 lan 2017 and secure on 14 and 2017, stated resonant on further than diarchose. On 3 lan 2017 had secure in the might, parinting, shaking and twiching that lasted after on the Control 2018 and 2018 as the control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-metal control of a little of the value of an anti-m	Cavalier King Charles Spaniel d d	Not Known	Nobbuc L4 Supervision for Injection for Dogs. 11/A/A/, 0.1 ml 1 Animal (23/03/2016)-8R>-4RP>	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-03019	United Kingdom	Animal	Canine/dog	12 Year(s)	01/01/2017	31/05/2017	1 1	1 01	1/01/2017	Not Known	Death	Not Known	Suspected Adverse Reaction On an unknown date, dog vaccinated with Nobivac L4 (unknown exact details and has not been fully confirmed to be a Nobivac vaccine). The dog was stated to have had a heart murmur pre-existing and died days after second dose of vaccine. No further information expected.	Cavalier King Charles Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (01/01/2017- 01/01/2017\cdot BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-		United Kingdom	Animal		2 Month(s)	31/05/2017	30/08/2017	1 1			Yes, K	Lexcoprosis.Neutrophilla.Arrhyth mis).Increased heart rate, localized pain NOS (see other 'SOCs' for specific pain). Enlarged hmph nodes (generalized). Pyresis. Microsis stool,Basophilla, Monocytosis.Plate et disorder NOS,Off colour	Other	Superted Afverse Reaction (7) at 1 May 2017, pupply vaccinated with second dose of Nobbac CPHP1 and All Nobbac L4 Index and Nobbac L4 Index (9) can 1 and Vaccinated and Lemperature or 10.28. degrees Fahrenheit and was given the charam, antibiotic injection and had a radiograph with no abnormalities seen. On 3 I un 2017, temperature 10.27. degrees Fahrenheit, still quiet har dealing Biodo tests performed WFC 0.28.2 (5.5.1-6), Meutrophils 1.38.6 12.19, Monocytes 3.82 (9.3.2), Septimble 1.0.4 (9.0.4.1) and biochemistry normal. Given Metacam and Synulox. On 4 I un 2017, degrees 1 and Synulox. On 4 I un 2017, degrees 1 and Synulox. On 4 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 1 and Synulox. On 5 I un 2017, degrees 2 and 1 un 2018, degrees Collegis and I un 20	Jack Russell Terrier		Nobiwa ChPPR, Lyophilisate for Suppension for Injection for Dogs - 1,1,1 Months, 10,1 ml 1 Months 1 Animal 31,056,2017, ml 1 Months 1 Animal 31,056,2017, eRR-NebNobiwa L4 Suppension for Injection for Dogs - 1,1,1 Months, 10,1 ml 1 Months 1 Animal 31,056,2017, eRR-NeBN-NebNobi Animal 31,056,2017, eRR-NebNobi Animal	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4			United Kingdom	Animal	Canine/dog	3 Year(s)	01/06/2017	13/07/2017	1 1			Not Known	Injection site abscess_injection site swelling_tow platelet swelling_tow platelet count_t_ympho_voiss_Ahormal test result_Depression_Off colour_Pyrexia_Not eating_Neutropenia	Not Known	Supercted Adverse Reaction Vaccinated with Nobinsc L6 on 1. Jan 2017. Reported finished Canaural and Apoquel for an ear infection on the day he was vaccinated 3 Jun 2017 owner reports been off colour and not eating much since the aftermoon of the vaccine. Temperature 37 Celsius, Pardiale was given. 7 Jun 2017 no improvement and large swelling developed over 2 days at injection site. Temperature 40.2 Celsius, very flat and depressed. Admitted to lance and flush. Fushed 200mis of pus Sent away for culture and sensitivity. Neutrophils 1.9 (2-9-11.6), Lymphocytes 7.29 (1-5) and placed on intra venous flusids. Given Intra venous flusids. Sorber Intra venous flusids. Saraturel alicentified and fasted only notices. The dog was seen on 22 Jun 2017 with just a scab at the wound site and healing well. Nothing further expected.	Crossbred		Nobines L4 Suspension for Injection for Dgs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/06/2017-01/06/2017)-BR>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-	-UK-03079	United Kingdom	Animal	Canine/dog	1.5 Month(s)	10/05/2017	07/06/2017	1 1	0 11	1/05/2017	Yes, <br R> Not Known</br 	Decreased appetite, Shivering, Pyrexia	Not Known	Suspected Adverse Reaction Vaccinated with Nobious CHP and Nobioc 1.6 on 10 May 2017. 11 May 2017 owner reported the dog had been shivering and not each, but dog has a pickly appetite anyway. Temperature 40.2 Celsius. Admitted for intra venous fluids. Metacam was given. The dog was sent home later the same day. Unknown outcome. Nothing further expected.	French Bulldog	13.8	Nobivac DHP - 1,N/A,N/A,1,0,1 ml Unknown 1 Animal (10/05/2017- 10/05/2017-18R-S-RS-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/05/2017- 10/05/2017)-BR>-SR>	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03082	United Kingdom	Animal	Canine/dog	3 Month(s)	10/05/2017	07/06/2017	1	1 0	25/05/2017	Yes, Not Known	Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy Primary vaccine with Nobbac DHP and Nobbac L4 given on 10 May 2017. Puppy from a breeder who advised the dam was vaccinated. Presented for second vaccine and 24 May 2017, but on presentation it was reported the dop lad volmeted the previous evening and onci eat it he monning of being seen at the Vets. The dog evanited watery fluid again. Very depressed and dust of the monning of being seen at the Vets. The dog evanited watery fluid again. Very depressed and dust. On abdomen palation the dog possibility in the abdomen. The dog was admitted and placed on intra venous fluids and given Cerenia. Bloods were carried out. Red Blood Cells 4.94 (S.5-8.87), hearmoster to 30% (18,2-96.1), Hearmoglish to 10/13-209, Patheste 12 (148-484), 25 May 2017 eaten well overnight. Partor osup bett was carried out and positive in house. Faced sample sent home as even bytellity. 7.1 Jun 2017 the dog was given the second vaccine. Parvo PCR positive from external laboratory. Nothing further expected.	id d	8.5	Nobiwac DHP - 1,N/A,N/A, 1,0.1 ml Unknown 1 Animal (10/05/2017- 10/05/2017)-BRNRBN-00/00/00/01 Suspension for injection for Dog- 1,N/A,N/A, 1,0.1 ml Unknown 1 Amimal (10/05/2017)-BRN-BR>	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-03083	United Kingdom	Animal			08/05/2017		1 :		29/05/2017		Injection site swelling	Not Known	Suspected Adverse Reaction Vaccinated with Noblwac L4 on 8 May 2017. 5 Jun 2017 Injection site swelling noted 1 week prior to presentation. No treatment given. Nothing further expected.	Staffordshire Bull Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (08/05/2017- 08/05/2017) 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03093	United Kingdom	Animal	Canine/dog	8 Week(s)	13/06/2017	14/06/2017	1 :	1 1	13/06/2017	Yes, <b R> Yes</b 	Sudden death	No Data	Suspected adverse reaction: An 8 week old male Samoyed dog was vaccinated on 13 June 2017 using Nobbaco DHP and 1. The pupl delf the minutes post vaccination. The vet gave the pup some treats during the vaccine consultation and suspects death due to choking. Owners declined post mortem.	Samoyed	5.1	Nobivac DHP - N/A,N/A,N/A 24,Vial/Ampoule(s) 3 Years 1 Animal (13/06/2017-13/06/2017-13/06/2017-18-×8B-Nobivac L4 Suspension for ripiection for Dogs - 1,N/A,N/A, 24,1 Vial/Ampoule(s) 1 Years 1 Animal (13/06/2017- 13/06/2017-18B-×8BR	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03106	United Kingdom	Animal	Canine/dog	2 Year(s)	01/05/2017	08/06/2017	1	1 0	01/05/2017	Not Known	Head tremor	Not Known	Sispected Adverse Reaction-Limited information Vaccinated with Nobbac L4 on an unknown date. The dog had a head tremor in the following 24 hours after the vaccine. Resolved after 24 hours. The dog experienced the same sign after the second vaccine-see linked case 2017-UK-03107. Nothing further expected.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/05/2017- 01/05/2017) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03107	United Kingdom	Animal	Canine/dog	2 Year(s)	01/06/2017	08/06/2017	1	1 0	01/06/2017	Not Known	Head tremor	Not Known	Suspected Adverse Reaction-Limited information Vaccinated with Nobbac L4 on an unknown date. The dog had a head tremor in the following 24 hours after the vaccine. Resolved after 24 hours. The dog experienced the same sign after the primary vaccine-see linked case 2017-UK-03106. Nothing further expected.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/06/2017- 01/06/2017) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03120	United Kingdom	Animal	Canine/dog	7 Year(s)	09/05/2017	08/06/2017	1 :	1 0	21/05/2017	Not Known	Pyrexia,Limb weakness,Elevated total bilirubin,Abnormal test result,Elevated ALT,Inappetence,Elevated amylase,Elevated SAP,Elevated BUN	Not Known	Suspected Adverse Reaction Noblava L4 given on 9 May 2017. 23 May 2017 presented as reporting doin Intermittently wak on legs and integeptant, reported that to curred a few days before presentation, temperature 40.2 Celsius. Bloods were carried out Amylsus 1632 (500-1500), AT 812 (6 1010), ALPS 185 (1-60), Total Billiumba 1 (1-51), Iven 11.3 11.7-9.8 land given entitibiotics and Ranktidine. 24 May 2017 reported to be still unwell, temperature 38.6 Celsius. Antibiotic was given an a pyometra was ruled out. 25 May 2017 starting to improve, oral antibiotics given and eating better. Canine Pancreatitis test was abnormal, but Vet does not think it is an accurate result. Reported as a SAB. Nothing further experted.	German Shepherd Dog	44	Noblwac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (09/05/2017-09/05/2017) 	O1 - Inconclusive	NCA agrees with the MAH assessment.
	GBR-MERCKW450-2017-UK-03139	United Kingdom	Animal			06/06/2017		1			R-GR-BR-Not Known	Encephalist, Tonic-Loine, Encephalist, Tonic-Loine, Esculare, Gollapse (see also 'Cardio-vascular' and 'Systemic disorders'). Death/optomia_Entitle_indexidencest_Death/optomi	Not Known	Supercited Adverser Reaction Vascinisted with Nobissic DHP and Nobissic LE on 8 Lin 2017. Reported that the pupply was bright at the time of the vascine, however a small gap was noted in the skull but not a concern to the Vet, 7 Jan 2017 presented at 7.15pm collapsed. Back end ataxia, temperature 18.1 Ceissis. Owner took the pupply home and kept warm and act food at the Vets. The dog was given Dexamethasone. 8 Jun 2017 reported to have had a seisure lasting for about a minute and the dog we referred. The dog was seen at the Referraci enter. The dog was shown gissing to profound depression and demonstrating a head run to the left and delayed postural responses in all four limbs. The dog was having seisure every inmittee with very rapid recovery lasting a short duration. Clinical signs were localised to the forebrain. Blood glucose was low on admission and this was corrected with IP flusts and last legicuse in histld. The statemest appeared to study with normalization of the glucose. The day of the control of the profound depression of the control of the control of the statement of the control of the	e 7 7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.65	Nebbus CHP - I.N/A/N/h (10.1 ml Unknown 1 naimu (6/06/2017) 06/06/2017) eRP-Nebbus L4 Suspension for injection for Dogs - I.N/A/N/h (10.1 ml Unknown 1 Amina (106/06/27) 06/06/2017) eRP-SR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03155	United Kingdom	Animal	Canine/dog	7 Year(s)	06/06/2017	12/06/2017	1	1 1	07/06/2017	Not Known	Decreased packed cell volume (PCV),Elevated SAP, Eucocytosis, Jymphocytosis, N eutropenia, Pale mucous membrane, Ataxia, Death by euthanasia, Decreased appetite, Listless, Off colour, Elevated temperature, Weight loss, Immune mediated haemolytic anaemia Monocytosis	Not Known	Suppected Adverse Reaction Vaccinated with Hobbins L4 on 6 Ium 2017. Plus 2017 reported to be listless 24 hours post vaccine. On examination the dog was suddued, weight loss, pale mucous membranes with a temperature of 39.3 Cebius. Owner reported that the dog had a decreased appetl and stumbling. Bloods were carried out, Haematocri 17 (37.3-61), Neutrophils 2.18 (2.95-1.164), Lymphocytes 3.56 (1.05-5.1), Monorytes 134 (1.01-6.12), Morbins Blood Cells 28.6 (50-5.167, Bl.AUP). 233 (2.24-212). Coombis test was sent away. The dog was sent to emergency Practice for out of hours care and was reported to have had about furnfulsion. Colvisione, Augmentin, Lose, Atopica and Vetergeisc. PCV ranged form 12-16K (25-57%) and Immune Mediated Haemohytc Anaemia was diagnosed. The dog was discharged on 11.0 mod 207, PCV at discharged was 10X. The dog was euthansaed on 14 Jun 2017 as PCV decreased to 8%. No post mortem was carried out. Nothing furthe swoercted.	Crossbred e	14.7	Nobivac L4 Suspension for Injection for Dgs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (06/06/2017-06/06/2017)-BR>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03221	United Kingdom	Animal	Canine/dog	8 Year(s)	19/09/2016	14/06/2017	1	1 1	13/03/2017	No	Lack of efficacy,Sudden death	Other	Sappected Lack of Expected Efficacy On 4 may 2015, dag was vaccinated with Nobivac Letyl O and on 19 Sep 2016, dag vaccinated with Nobivac DHPP and Nobivac Let (first Nobivac Let), On 7 Mar 2017, dag developed anorexia, lethargy with intermittent vorniting and jurandice. On 13 Mar 2017, presenter and blood tests showed marked elevated liker enzymes, Total bilirubin and mild acrotemia. Also on examination, had shous arrhythmia, sightly dry uncours membranes and mild skin tenting. Blood tests taken for Leptosipriosis serology. The dog was sedated for an abdominal ultrasound and shortly after receiving these the dog had a cardiac enset, attempted resuscitation but was unaccessful and the dod ided. The serology MAT showed Lopenhageni 1:100, no blood or urine PCR performed. Post morter was performed and histology of liver tisse showed Leptosipres via RTSH analysis and was positive. No confirmed serovar and no further information expected.	g	19.6	Nobixe: L4 Suspension for Injection for Dgs - 1,N/A,N/A, 10,1 ml 1 Arimal (19/09/2016-19/09/2016)-BR>-BR>	N - Unlikely	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03239	United Kingdom	Animal	Canine/dog	6 Year(s)	19/08/2016	30/08/2017	1	1 1 2	22/05/2017	Not Known	Lack of efficacy,Death	Not Known	Seignetzed Lack of Expected Efficacy On 19 Aug 2016, dog vaccinated with booster of Nobivac L4. In approximately early May 2017, dog developed polyuria, polydgoia, neduced appetite and weight loss. On 22 May 2017, had octineud chincia gins and was 160 nd tested: Creatione 12 (4) of 16, AU 87 11 (9-25), ALT 778 (0-25), GLDH 139 (0-10), Total billinubin 11 (0-9), Bile acids 56 (0-10), glucose 4.2 (3-5.5), CX 241 (0-190), AU 000 per 10 nd 10 n	Crossbred	21	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (19/08/2016-19/08/2016) -BR> 	B - Possible	NCA agrees with the MAH assessment.					
														Leptospies lacked clustering which is difficult to interpret as may or may not be consistent with clinical disease. A PCR was not performed on blood or urine. The dog started treatment of fissium, undeoxycholic acid and Zentonyf. Await further information from a second MAT testing. Follow up 18 Jul 2017 - The dog stopped the antibiotics and then reported to have relapped and died, unknown date of death, no results from second MAT, await further information. Follow up 30 Aug 2017 - No further information received - case closed										
	GBR-MERCKMSD-2017-UK-03255	United Kingdom	Human	Human	51 Year(s)	15/06/2017	01/08/2017	1		15/06/2017		Injection site swelling	Not Known	A vet was injecting a dog when it jumped and the needle went into her thumb but no vaccine was injected (needle was clean). The thumb became slightly swollen an unknown time later. The patient was taking antihistamines for hay fever. Outcome unknown. No further information could be obtained.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,,,,10 							
	GBR-MERCKMSD-2017-UK-03288	Kingdom	Animal	Canine/dog		21/12/2016	16/05/2017	1		21/12/2016		Death by euthanasia, Behavioural disorder NOS	No Data	Supercted Adverse Reaction Dog was vaccinated with Nobiwac L 6 on 16 pc 2013 (A006A01), 3 los 2014 (A006A01), 3 los 2014 (A007A01), and 10 and	Whippet		Nobivac L4 Suspension for Injection for Dogs - 1,NA/NA/ a,10,1 Unknown 1 Animal (21/12/2016-21/12/2016) <a ansiety<="" href="https://dx.des.com/br-scales/br-sc</td><td>N - Unlikely</td><td>NCA agrees with the MAH assessment.</td></tr><tr><td>NOBIVAC L4</td><td>GBR-MERCKMSD-2017-UK-03312</td><td>United</td><td>Animal</td><td>Canine/dog</td><td>1.3 Month(s)</td><td>20/06/2017</td><td>15/11/2017</td><td>4</td><td>4 1 2</td><td>, ,</td><td>Yes, GBR-GBR-GB
P-GBP-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR</td><td>Elevated AL Zhabormal necopay inding NT - necohomorhage enteritis. Seepines - systemic disorder, Darino-koyomita, Death Appetite loss, Hypothermia, Lethiag Appetite loss, Hypothermia, Lethiag Cee also Central nervous system depression in Neurological Tiwelphia (Park Marchael Marchael Carlos and Carlos Appetite loss, Third eyeld grounds on the pinton in natural expension of the pinton in the</td><td>Not
Known</td><td>Suspected Alverse Reaction Vaccinated a litter of 8 pupples on 20 Jun 2017 with Noblaxo Little and Noblaxo Little projects had reported by been given Panaruc 10% for the past 2 days, but no dose confirmed and when last administered. 2 pupples have been lethrarige post vaccine and were seen on 23 Jun 2017. 60 htm were lehargie with hid releval protraining and delegans, Puppl 1 has vomited and was admitted. Temperature 36 Cesius. The puppy had not eaten for 24 hours. Bloods carried out at showed Albuman 115, 34 htm 120 per 150, 34 htm 120 per</td><td>French Bulldogg</td><td>3 1.1</td><td>Nobiwa CHP - 1.N/A/N/A (3.1. ml Unknown 1 Anima (2/06/2017) - Unknown 1 Anima (2/06/2017) - 20/06/2017) - RIB-Nobiwa L 4 Suspension for 10/2017 - RIB-Nobiwa L 5 Suspension for 10/2017 - RIB-Nobiwa R 5 Suspe</td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment.</td></tr><tr><td>NOBIVAC L4</td><td>GBR-MERCKMSD-2017-UK-03323</td><td>United
Kingdom</td><td>Animal</td><td>Canine/dog</td><td>10 Week(s)</td><td>27/05/2017</td><td>19/06/2017</td><td>1</td><td>1 0 2</td><td>9/05/2017</td><td>Yes,

<B
R>
>R>Not
Known</td><td>Diarrhoea_Lameness_Ataxia_Recum
bency_Lumbar pain_Off
colous_Flevated
temperature_Stiffness limb_Appetite
loss</td><td>Not
Known</td><td>Sagested Adverse Reaction Nacionated with Nobines DIP and Nobines L 6 on 27 May 2017. 29 May 2017 and evologed distributes and slamenses on the Intell limbs. J May 2017 on examination the day was very quief, flat and hardly moning. Temperature 39.4 Celsius. Pain on hambar spries and same on find limbs. Paracetanion was given. 1 Jun 2017 carten at little and still quief with continued distributes. Service and same on find manners. 2 months of the proper service of the properties of the properti</td><td>Crossbred</td><td>3.7</td><td>Nobiwac DHP - 1,N/A.N/A,10,1 ml
Unknown 1 Animal (27/05/2017-
27/05/2017)=RRS-Nobiwac Ld
Suspension for Injection for Dogs -
1,N/A/M,A 0.1 ml Unknown 1
Animal (27/05/2017-
27/05/2017)=BR>=BR></td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment</td></tr><tr><td></td><td>GBR-MERCKMSD-2017-UK-03349</td><td>United
Kingdom</td><td>Animal</td><td></td><td>6.4 Year(s)</td><td>14/06/2017</td><td></td><td>ę</td><td></td><td>14/06/2017</td><td></td><td>Vomiting.Paddling.Elevated temperature,Falling</td><td>Not
Known</td><td>Supperted Adverse Reaction On 1st Jun 2017, dog succinated with booster of Nobbucc L. & Same day, 3 hours later whilst out on a walk, vomited, fell over and had a possible seiture/paddling to get up. This lasted for a very short time and dog was presented to practice afterwards. On examination, no abnormalities observed however temperature was slightly elevated and 30 minutes later was within normal parameters. No further information expected. The dog had a reaction post vaccination of Nobbusc L4 the year before and was off colour. See Insked case: 2017-UK-03348</td><td>Other
Canine/dog</td><td>8.63</td><td>Nobivac L4 Suspension for Injection
for Dogs - 1,N/A,N/A, 10,1 ml 1
Animal (14/06/2017-
14/06/2017)
>BR>
</td><td>B - Possible</td><td>NCA agrees with the MAH assessment</td></tr><tr><td>NOBIVAC L4</td><td>GBR-MERCOMSD-2017-UK-03330</td><td>United
Kingdom</td><td>Animal</td><td>Canine/dog</td><td>9 Year(s)</td><td>09/06/2017</td><td>24/07/2017</td><td>1</td><td>1 1 1</td><td>0/06/2017</td><td>Not Known</td><td>Difficulty Cheving-Read sit -
neurological Society-Burnings tito
walls, Valling difficulty, United by
walls, Valling difficulty, United by
columnass, Cricine - neurological
decidents, Chevine - neurological
decidents, Chevine - neurological
decidents, Chevine - neurological
decidents, Chevine - neurological
decidents, Publication - No (for
photophobia see
" neurological").="" td=""><td>Not Known</td><td>Superted Adverse Reaction Vaccinated with Nobiose L 6 on 9 Jun 2017. At the time of vaccination the dop had been on a 3 week occurse of antibiotic for a skin fold infection on her valve and and inflammatories. The antibiotic course ended the day prior to the vaccine and the anti inflammatories had continued until the course was due to end on 10 Jun 2017. Unknown product. The following day (10 Jun 2017) the dog appeared unwell. Reported that the days head and lumbar region appeared to be learning to the right and the day was reported to be hardy able to walk. Left eye appeared to harding the contractional, unknown exact defails. The dog was staken to the emergency Practice and steroids and natice to the contractional, unknown exact defails. The dog was staken to the emergency Practice and steroids and unable to exit in the day was staken to the emergency Practice and steroids and unable to exit in the day was staken to the emergency Practice and steroids and unable to exit in the day was staken between the day was kingle into things and criting. Unable to eat properly and hold anything in her mouth. Unknown treatment was given and the dog was referred to be unable to exit in the dog bearting continued to deteriorate overright and the dog was referred to a disastic continued to deteriorate overright and the dog was referred to a disastic day dispersed unknown treatment. The dog breathing was reported to be unable to be corrolled and the decision was made to exthanase the dog, No exact date of exthanasis but suspected to be 13 Jun 2017. No post mortem has been carried out, awalf further information. Follow up 24 Jul 2017 - referral report received, Mild of the brain revealed multifocal intra-axial brain iscions. Cerebo Spinal Fuldinalapski was founded nout, awalf further information. Follow gas agained. The dog was stated on Decamentasion, but continued to deteriorate and the dog was estimated, unknown exceeds the continued to deteriorate and the dog was estimated, unknown</td><td>Shih Tzu</td><td>Not</td><td>Noblwa L4 Supervisor for Injection for Tops: 1.NA/A, 1.0.1 ml Unknown 1 Animal (09/06/2017-09/06/2017-09/06/2017)-BR>-BR></td><td>B - Possible</td><td>NCA agrees with the MAH assessment.</td>	Not Known	Superted Adverse Reaction Vaccinated with Nobiose L 6 on 9 Jun 2017. At the time of vaccination the dop had been on a 3 week occurse of antibiotic for a skin fold infection on her valve and and inflammatories. The antibiotic course ended the day prior to the vaccine and the anti inflammatories had continued until the course was due to end on 10 Jun 2017. Unknown product. The following day (10 Jun 2017) the dog appeared unwell. Reported that the days head and lumbar region appeared to be learning to the right and the day was reported to be hardy able to walk. Left eye appeared to harding the contractional, unknown exact defails. The dog was staken to the emergency Practice and steroids and natice to the contractional, unknown exact defails. The dog was staken to the emergency Practice and steroids and unable to exit in the day was staken to the emergency Practice and steroids and unable to exit in the day was staken to the emergency Practice and steroids and unable to exit in the day was staken between the day was kingle into things and criting. Unable to eat properly and hold anything in her mouth. Unknown treatment was given and the dog was referred to be unable to exit in the dog bearting continued to deteriorate overright and the dog was referred to a disastic continued to deteriorate overright and the dog was referred to a disastic day dispersed unknown treatment. The dog breathing was reported to be unable to be corrolled and the decision was made to exthanase the dog, No exact date of exthanasis but suspected to be 13 Jun 2017. No post mortem has been carried out, awalf further information. Follow up 24 Jul 2017 - referral report received, Mild of the brain revealed multifocal intra-axial brain iscions. Cerebo Spinal Fuldinalapski was founded nout, awalf further information. Follow gas agained. The dog was stated on Decamentasion, but continued to deteriorate and the dog was estimated, unknown exceeds the continued to deteriorate and the dog was estimated, unknown	Shih Tzu	Not	Noblwa L4 Supervisor for Injection for Tops: 1.NA/A, 1.0.1 ml Unknown 1 Animal (09/06/2017-09/06/2017-09/06/2017)-BR>-BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03352	United Kingdom	Animal	Canine/dog	2.5 Year(s)	15/06/2017	20/06/2017	1	1 0	21/06/2017	Not Known	Injection site abscess,Pyrexia,Injection site lump	Not Known	Suspected Adverse Reaction Vaccinated with second Nobivac L4 on 15 Jun 2017. On 21 Jun 2017 the owners noticed a hard swelling at vaccine site with fluid extending down to ventral chest and elbow. Temperature 40 Celsius and the dog was bright. Metacara mad Amonocycla were given. The dog was re seen on an unknown date and 25mls of pus were draining from the lump. The dog was placed on antibiotics and temperature had reported to have reduced, no result supplied. Nothing further expected.	Dogue de Bordeaux	47	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (15/06/2017- 15/06/2017) >BR> 	B - Possible	NCA agrees with the MAH assessment.					

NOBIVAC L4 GBR-MERCHAND	D-2017-UK-03365	United	Anmai	Canine/dog	2 Month(s)	22/06/2017	02/11/2017	1	1		NOT KNOWN_GRN-GR >GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-	Neurological signs NOS, Death by euthnasia, Elevated to cuthnasia, Elevated temperature, Dehydration, Cold feeling of extremity, Confused, Dilated pupil, Disordered state, Temporary blindines, Hypora Burninaemia, Hypora Lakeemia, Hyporajica emia, Psylogica emia, Psylogi	Known	Suspected Adverse Reaction Vaccinated with Nobious CIPP and Nobious L4 on 22 Jun 2017. Presented on 25 Jun 2017 is ownted, pupils large, paws and ears cold and appears to be agilted. Bloods were taken and showed Urea 18.1 (2-9), Calcium 3.05 (2.15-295), Phosphora 3.11 (0.93-2-13), Creatinine 185 (72-124), (Boscae 2-13, 2-6-1), Total Protein 47 (16-48-3), Globium 3.02 (15-23), White Blood Cells 23 07 (6-17), Neutrophils 2.47 (50-88). The dog was given Cereas. 28 Jun 2017 owner reports had improving but still appears agistated No further vonting, Ambrid Interher information, Follow up 3 Nag 2017 No more information received, close case, Follow up 2 Nov 2017 - Clinical Instory received. On 2 Jun 2017, dww. secrement with Noblew KC. On 25 Jun 2017 day was reported to be shaling the part of the state of the secrement of the secremen	Crossbred	5.76	Cerenia unidentified - 1,1/A,N/A 24,1 bose Univorsom 1 Animal (25/06/2017- 25/06/2017-18-07-18-18-18-Emerpiri 1 mg/mi Oral Solution for Dogs and Cats-N/A,N/A/N/A/A,24/Inknown Uninown 1. Animal, Treatment Start and Code 18-26/06/2017-18-18-18-18-18-18-18-18-18-18-18-18-18-	O3 - Inconclusive	NCA agrees with the MAH assessment
NOBIVAC L4 GBR-MERCHASO	- 2017-UK-03367	United Kingdom	Arimal	Canine/dog	9 Week(s)	16/08/2016	13/07/2017	1	1	19/08/2016	Yes, GBR-GR-VB PA-GBR-BR-Not Known	Collapse (see also 'Cardio-vascular' and 'Systemic disorders'). Death hypothermia, Leth array (see a los Central nervous system depression in 'Neurological'). Depression, Off colour, Lateral recumbency, Dry muctous University of the Coloury of th	Not Known	Sepected Adverse Reaction Vaccinated with Nobines CHP and Nobines L1 on 18 Aug 2016. 3 days later the day was reported to be surred. On examination the Practice reported that the dog had cardiac arrhythmia and abdominal pain. The dog was referred to a specialist on an unknown date. An unknown date and unknown date. An unknown d	Labrador Retriever	Not Known	Nebbusc DHP - 1.N/A/N/h (10.1 ml Unknown 1 n/min (£/08/2016- 16/08/2016+BR-Nebbusc L4 Suspension for Injection for Dogs - 1.N/A/N/h (10.1 ml Unknown 1 Aminu (£/08/2016- 16/08/2016)+BR-SBP-	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4 GBR-MERCKMSD	D-2017-UK-03370	United Kingdom	Animal	Canine/dog	3 Year(s)	13/06/2017	26/06/2017	1	1 0:	13/06/2017	Yes, <b R>BR> Not Known</b 	Seizure NOS	Not Known	Suppected Adverse Reaction On 13 Jun 2017, dog vaccinated with Nobivac DRP and Nobivac L4, fit and well and no other products given. On examination was stated to have fless. After vaccination, when still in the practice (approximately 6 minutes post vaccination, dog had a partial setum lesting approximately 1 minute. The post ictal phase was 5 minutes than the dog recovered. No treatment given and no further information expected.	Crossbred	5.7	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (13/06/2017- 13/06/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (13/06/2017- 13/06/2017-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4 GBR-MERCKMSD	D-2017-UK-03371	United Kingdom	Animal	Canine/dog	10 Week(s)	12/06/2017	28/06/2017	1	1 0 :	12/06/2017	Yes, <b R> Yes</b 	Bradycardia,Pale mucous membrane,Vomiting,Anaphylactic- type reaction	No Data	Suppercise Adverse Reaction Vaccinated with Nobinac DHP and Nobinac 14 on 12 Jun 2017. Presented 30 minutes later a Nati vomitled: Times On examination, very puble, heart rate lest than 50, no result given. Phenigan and shock rate fluids given. Within 30 minutes the dog was fine and sent home. Nothing further expected.	Crossbred		Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/06/2017-12/06/2017-18R>-SBS-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/06/2017- 12/06/2017-18BS-SBS-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4 GBR-MERCKMSD	D-2017-UK-03376	United Kingdom	Animal	Canine/dog	9 Week(s)	16/06/2017	10/08/2017	1	1 0 :	18/06/2017	Not Known, Known, KR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-G	hypogyvaemia, Alboomai test result, Revers a seesiiga, Decrasea de packet cell volume (PCVI, Cough, productive, Enlarged lymph nodes (generalised). Positive tracheal prick, Vomiting, Emesis, Coular decision (Productive, Productive, Pr	Other	Supercial Adverse Reaction Vaccinated on 1.6 in 30.27 with succines straight form the fridge [ELU for Nobblex L] Also had Advocate applied at the same time. Then on the evening of 1.8 june 2017 it obvoleped reverse sneeting. It was taken to the vest as of it had on 1.1 kg in weight, it was admitted for intravenous fluids and kept in practice, underword in nyd lagnostic have been performed as yet. Queen case awalf turner information forliow up, 1.0 kg, 2017 - 0.72 Lan vet resported dog was generally as the properties of the prope	Beagle	3.32	Andread Special Conference of	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4 GBR-MERCKMSD	D-2017-UK-03377	United Kingdom	Animal	Canine/dog	Not Known	01/01/2017	14/07/2017	1	1 0	01/01/2017	Not Known	Elevated liver enzymes,Seizure NOS	Not Known	Suspected Adverse Reaction-Limited information Vaccinated with Noblvac L4 on an unknown date. Owner reported that the dog had a partial seiture 2 weeks after the vaccine. No further details are known or available. Nothing further expected. 14 Jul 2017 - Vaccinated with Nobloac DHP and Nobbus L4 on a NAy 2017, Noblvac L4 given on 1 Jun 2017. 14 Jun 2017 seiture reported overnight. SI Jun 2017 bloods taken and reported liver energymen saised, no restits supplied, but Vest suspects related to the age of the dog. The dog has not been back to the Practice since. Nothing further expected.	Other Canine/dog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/01/2017- 01/01/2017) cBR> dR>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCIOMSD-2017-UK-03380	United Kingdom	Animal	Canine/dog	2.7 Year(s)	20/02/2017	24/08/2017	1 1	0 03/07,	017 Yes, R> 	B Lack of efficacy (panowirus) X D R	Not Known	Suspected Lack of Expected Efficacy for parvo. On 24 Feb 2016, dog vaccinated with Nobivac DHPRI, Nobivac Letpo 2 and Nobivac KC. On 20 Feb 2017, dog vaccinated with first Nobivac L4 and Nobivac KC. On 20 Mar 2017, given second Nobivac L4. On 31 Jul 2017, dog taken to practice showing igsing of Parvovirus in developing haemorrhagic gastro entertitis, diarrhoea and vomitting. The dog was presente on 3 Jul 2017 with hemorrhagic diarrhoea and vomitting. The dog was admitted and placed on intra venous fluids and was lethargic. Parvo Snap test positive on 4 July. Given Metronidazole, Zanttar venous fluids and was lethargic. Parvo Snap test positive on 4 July. Given Metronidazole, Zanttar venous fluids and was lethargic. Parvo Snap test positive on 5 July. Given Metronidazole, Zanttar venous fluids and vas lethargic. Parvo Snap test positive on 5 July. Given Metronidazole, Zanttar venous fluids and vas lethargic. Parvo Snap test positive on 5 July. Given Metronidazole, Zanttar venous fluids and vas lethargic. Brown Snap test positive on 5 July. Given Metronidazole, Zanttar venous fluids and venous fluids and social properties. Parvo Snap test venous fluids and venous fluids and social properties. Parvo Snap test venous fluids and venous fluids and social properties. Parvo Snap test venous fluids and venous fluids and venous fluids venous fluids and venous fluids. Parvo Snap test venous fluids and venous fluids venous fluids and venous fluids venous fluids and venous fluids venous flui	English Cocker Spaniel	14.3	Nobiwa C DHPPL, Lyophilisate for Supersion for Injection for Dogs - LN/N/N/A, 24, 11 fairmat [24/02/2016- 24/02/2016- [84-08-10-10-10-10-10-10-10-10-10-10-10-10-10-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03396	United Kingdom	Animal	Canine/dog	3.3 Year(s)	24/06/2017	05/07/2017	1 1	0 24/06/	017 Not Known, 4 > 4BR>6 Yes		' No Data	Suspected adverse reaction The dog was vaccinated on 24 June 2017 with Nobinc KC and L4. The owner took the dog for a walk at middiay after vaccination in the hot weather. The dog collapsed the got up again then collapsed again then got up again. Was taken to the vets to monitor, no treatment was given and the dog fully recovered. No more information expected	English Cocker Spaniel	Not Known	Nobivac KC - 1.4,N/A,N/A,10,1.4 ml Unknown 1 Animal (24/06/2017- 24/06/2017):BR> >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml Unknown 1 Animal (24/06/2017-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03397	United Kingdom	Animal	Canine/dog	10.5 Year(s)	19/06/2017	04/09/2017	1 1	0 21/06,	017 Yes, R>BR>BR>N Known	B Anaemia NOS,Immune mediated bt haemolytic anaemia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 19 Jun 2017. 22 Jun 201 presented with 24 hours lethargy, bloods reported to be ansemic, no results supplied. Immune Mediated Haemolyin Ansemia diagnosud. 25 Jun 2017 blood transfusion given and responded well. Steroids given. 4 Jun 2017 responded well and bloods have been sent away. Await further information Follow up 4 Sep 2017 - No further information received. Case closed.	7 English Springer Spaniel	18	24/05/2017:EBR>-EBR> Nobivac UhP - J,N/A,N/A,10,1 ml Unknown 1 Animal (19/06/2017- 19/06/2017)-EBR>-BBR>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (19/06/2017- 19/06/2017-BBR>-BR>	B - Possible	NCA agrees with the MAH assessment. Two products administered.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03399	United Kingdom	Animal	Canine/dog	Not Known	29/06/2017	05/07/2017	4 4	1 30/06,	017 Not Known, I > <b Not Known</b 	Death,Injection site lump R >>	Not Known	Suspected adverse reaction Vaccinated a group of 4 puppies on 29 June 2017 with Nobivac DHP and L4, all were clinically well at the time. The following day all 4 had a golf ball size hurp at the site of vaccination. Then 0.30 June 2017 one pupp died. No post mortem performed cause of death is unknown. No more information expected	English Cocker Spaniel	Not Known	19/10/2017/EBR-SERP. 19/10/2017/EBR-SERP. 19/10/2017/EBR-SERP. 19/10/2017/EBR-SERP-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (29/06/2017- 29/06/2017/EBR-SERP.	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03401	United Kingdom	Animal	Canine/dog	3 Month(s)	21/06/2017	05/07/2017	1 1	1 30/06,	017 Not Known	Injection site lump, Neuromuscular disorder NOS, Proprioception deficit, Weakness, Falling, Death by euthanasia	Not Known	Supected Adverse Reaction Pup vaccinated with Nobivac L4 on 21 Jun 2017. Reported on an unknow date that the dog had an injection site lump. 30 Jun 2017 presented as appeared weak with Slower proprioception on examination and falling to one side in fluided, 1 Jul 2017 weeker today. The dog was referred and reportedly diagnosed with progressive neuromuscular disease. The dog was euthanased the same day and buried at home. No post mortem was carried out. Reported that norther puppy in the litter died after vaccine but no details on vaccines used and no further information available.	West Highland White Terrier	2.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (21/06/2017- 21/06/2017) https://doi.org/10.108/2017-21/06/2017	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03404	United Kingdom	Animal	Canine/dog	8 Year(s)	21/11/2016	27/07/2017	1 1	1 05/07,	017 Not Known, <i >>BR> >B Not Known</i 		Not Known	Supected adverse reaction Vaccinated on 21 Nov 2016 with Nobios CPIP and L4. The dog was recently in kennels on 5 July 2017 the dog became unwell, has vomiting and diarrhose and kennel depressed. They took bloods ALT136 (ref range unknown) AST, Urea and Phos all abnormal [no values or ref ranges available) WBC 10.23 (no ref range) Lymph 0.8 (ref range unknown) They diagnosed with sacre mal failure. The dog has ided on a unknown date. It has been sent for a post mortem. Open case await results follow up 27 Jul 2017 - post mortem report received, the gross and mortscopic appearance of the kidneys is typical of diffuse forms glomeunolepathis, not consistent with Leptospirosis and not related to vaccination or product use. No further information expected.	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (21/11/2016- 21/11/2016)-BR-×BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml Unknown 1 Animal (21/11/2016- 21/11/2016)-BR-×BR>	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03414	United Kingdom	Animal	Canine/dog	10 Week(s)	04/07/2017	02/08/2017	1 1	0 04/07/	017 Not Known, <e >BR>EBR>E No, BR> R>CBR>CBR>N</e 	l> in	Other	Sappected adverse reaction Vaccinated on 4 jay 2017 with Nobhac DPP and L4, also had Advocate applied at the same time. Within half an hour of vaccination he pure save vey leave; it slept the rest of the day and through the night, went to the toiled once and would not eat. 5 july the owner found the puppy to be cold and non responsive also floppy. She was taken to another vert and they placed no intravenous fluids. The puppy recovered (exact date unknown) to more information expected Follow up 16 il 2017. Further information reveled. The owner spart they place been in her possession I week and was off food and quiet, with slightly loose stools prior to accination (Estra table Use). On the 3u 2017 the pup was very sleepy and difficult to wake. On persentation at the weit the glucose was found to be very very low (would not read on glucometer) and pup dehydrated. Pup had eaten nothing post vaccination. NPT; warmed pup and supplemented with glucore and the pup was up, playing and barfing in 2 hrs. Nothing further expected.	German Spitz Pomeranian	0.87	Advocate Spot-On Dog unidentified- 1.N/A.N/A. 2-4. Dose Unknown 1 Aminal (04/07/2017)-8RS-Nobiwac DHP- 1.N/A.N/A. 1.0.1 mUnknown 1 Animal (04/07/2017-8RS-Nobiwac L4 Suppension for Injection for Dog- 1.N/A.N/A. 1.0.1 mI Unknown 1 Aminal (04/07/2017-9A)-10-10-10-10-10-10-10-10-10-10-10-10-10-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03418	United Kingdom	Animal	Canine/dog	10 Year(s)	28/06/2017	30/08/2017	1 1	0 30/06,	017 Not Known, GB>-(>GBA>-GBA>-GB Not Known, GB>-(>GBA>-GBA>-GBA>-GBA>-GBA>-GBA>-GBA>-GBA>	 gastroenteritis, Blindness, Pancreatii is, Disorientation, Decreased R appetite, Abnormal test 	Not Known t	Sappected adverse reaction Vaccinated on 28 ium 2017 with Nobias CIPE and 14. Also had Bravecto 1000 mg and Millberna (Millbernas (Menable Tablets for Dolg best guess) at the ameritme. Then on 30 ium 2017 it developed a neduced appetite. 0.1 iu/y 2017 had loose faces. 02.1 iu/y 2017 Ciscinente and ataxic and fallion about hademorphing gastor centernis. Bloods tates showed a Pancreatitis, Som mild anaemia and elevated clotting profile and Prothrombin time is 40 Seconds (ref range winknown). 3 Mill Manaemia though values and for range unknown). 30 Mill yreferred to Doules referral, they suspect liver disease and pancreatitis and a possible intracranial bleed. The owner believes it is related to the Bravecto Open case, awalt more enformation.	Airedale Terrier d	23.6	Bravetto 1000 mg Chevable Tablets for Dogs - 1000/kJA/N-3, 31000 mg Unknown 1 Animal (28/06/2017-28	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03421	United Kingdom	Animal	Canine/dog	8 Week(s)	15/06/2017	07/07/2017	1 1	0 16/06/	017 Yes, BR> R> BR>Y	B Diarrhoea,Dehydration,Hypoglycae s mia	No Data	Suspected Adverse Reaction Chihuahua pup was vaccinated on 15 Jun 2017 with Nobivac DHP and Nobivac L4 flatch numbers unknown) and microchipped. Dog was clinically well at the time of vaccination. On 16 Jun 2017 og had developed dishrince and was dehydrated. On 17 Jun 2017 the dog had continued diarrhoea and dehydration and was admitted for intravenous fluids and was given Synulox antibiotics and Neutrobound rehydration support. Baod gluccie was 11 mmol/ [nor referen range given]. The dog was hospitalised until 25 Jun 2017 and then discharged as fully recovered. No faither information ownerted.	Chihuahua	0.53	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (15/06/2017- 15/06/2017)-sBR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (15/06/2017- 15/06/2017-BR> 	B - Possible	Timing/signs consistent with product related reaction.
NOBIVAC L4	GBR-MERCIMSD-2017-UK-03423	United Kingdom	Animal	Canine/dog	5 Month(s)	03/03/2017	07/07/2017	1 1	0 14/05)	017 Yes, RR> N 	B Decreased I appetite, Tachypnoea, Off colour, Elevated Hydration, Abnorm I test result, Hyperphosphataemia, Elevatt d BUN, Elevated ALT, Elevated total billrubin, Elevated SAP, Decreased cholesterol (total), Dull, Leucopenia, Diarrhoea, Jeamornhagi darrhoea, Vomiting, Jaundice, Recu mbency, Lethargy (see also Central nervous system depression in "Neurrinderal".	Not Known	Soprected adverse reaction Vaccinated on 1 Feb 2017 with Nobivac DHP and L4 . Then again on 3 March 2017 14 May 2017 was seen breathing fast, unknown if treatment given. Seen on 15 May as dull and had darmee, reduced appetrie and still breathing fast, temperature 40.2 Vias bright on examination. Was given antiblotics and non steroidal. 16 May 2017 was lethangic and had a temperature 40 30, bright on examination. Had wometed once, was passing thinly formed faces. 17 May 2017 was very ill, recumbent and had a temperature 93.3, haemornhagic darribce, vomiting and jaundice. They admitted and placed to in intravenous fluids. Bloods taken showed ALF 790 (12-83) Al Ti too high (ref range unknown) Bilirubin 33 (0-16) (brea 8.1 (1.7-7.4) Phos 2.5 1 (0.8-1.8) Sodium 134 (133-154) Low Welf con value or ref range) If 48 (60-72) the dog was clinically dehydrated. Outcome unknown No more information available	Labrador Retriever	25	Nobbus CHP-1, N/A/N/A, 10,1 ml Unknown I Anima (03/03/2017- 03/03/2017-Bes-Nobbus La Suppersion for Injection for Dogs- 1,N/A/N, A), a), in Unknown I Anima (03/03/2017- 03/03/2017/sBR~BR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03457	United Kingdom	Animal	Canine/dog	2 Month(s)	05/07/2017	04/09/2017	5 1	0 07/07,	1017 Yes, >BR> >BR>No	es, pain, Ataxia, Pustules, Musculoskelet	Other	Suspected Adverse Reaction Vaccinated with Noblack DHP and Noblact 14 on 5 is 10 2017. Noblact 14 generating the fringe (Extra Label bull 5) pupples vaccinated at the same time and all microchipped. 7 Jul 2017 1 pupply presented that was sore on back of neck (assumed injection site) an had been quiet. Temperature 102.5 Temperature	Retriever d : : t. d	6.6	identification Chip - 1,N/A/NA (a). United the Chip - 1,N/A/NA (a). United (a): (6): (7,201.7-6): (7,201.7-6): (7,201.7-6): (8): (7,201.7-6): (8): (8): (8): (8): (8): (8): (8): (8	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC LA	GBR-MERCIAMSD-2017-UK-03470	United Kingdom	Animal	Canine/dog	4 Year(s)	10/09/2016	20/06/2017	1 1	1 07/06,	017 Vec-IRBR-08 Px-GR-0R-C GR-0R-C GR-C GR-Ves	l><	No Data	Saspected Lack of Effective Efficacy Dog was succinated with Nobivac UPP, Nobivac L 4 and Nobivac Kennel Couglin on 10 Jul 2015 and Nobivac Central of Nobivac L 4 and Nobivac Kennel Couglin on 10 Jul 2015 and Nobivac Central Couglin on 10 Jul 2017 the dop Index Development Central Couglin on 10 Jul 2017 the dop Index Central Couglin on 10 Jul 2017 the dop Index Central Couglin on 10 Jul 2017 the dop Index Central Couglin on 10 Jul 2017 the Central Couglin on 10 Jul 2017 the Central Couglin on 10 Jul 2017 the Central Cougling Central Central Cougling Central Cougling Central Cougling Central Cougling Central Cougling Central Cougling Central Central Cougling Central Central Cougling Central Central Cougling Central Central C	v. y	e 22	Nobiac DHP - 1.N/AN/A 1.d ml Uniknown 1 Anima (10/91/2016- 10/93/2016)+8R-H-Nobiac K C- 5.N/A/A/A 1.05 ml Uniknown 1 Animal (10/95/2016- 10/97/2016-8R-Nobiac L4 Suspension for Injection for Dogs - 1.N/A/A/A 2.d ml Uniknown 1 Animal (10/97/2016- 10/92/2016)+8R-HRP	01 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03477	United Kingdom	Animal	Canine/dog	8 Week(s)	14/06/2017	21/06/2017	6 4	0 14/06/	1017 Not Known, > Not Known	Collapse (see also 'Cardio-vascular Rand 'Systeman' RIS> disorders'),Unconscious,Reluctant to move	Not Known	Suspected adverse reaction Breeder has 6 pupples. 3 were vaccinated on 14 June 2017 with Nobioc DNP and L4 [1 female and 2 males] shot had milberna dispensed. Owner phoned Abous Inster to say the pupples have not moved since being home after being vaccinated, they advised to see the pupples but the breeder femice. 2 hours later they called to say all three pupples have collapsed and were not doing anything. Dereder still refused for the pupples to be seen. If hours post vaccination the breeder brought 1, pupp, in the date represents a 38.5 Respiratory not renormal and heart rate normal. Adobted to the complex of the same than 15 June 2017 breeder to work the 30 femiles have been eating well all day. Puppy was sent home. If June 2017 breeder to work the 30 femiles have the sent to sent the same time of the same time to the same time of the same time. In one reformation expected have been don't be same time to the same time. The same time of the same time to the same time of the same time of the same time. The same time of the same time to the same time to the same time to the same time to the same time. The same time of the same time to the same time to the same time time time time time time time ti	:	Not Known	Nobinsc DIP - 1,N/A/N/A 1,01, ml Urknown 1 Animal (1 Bayls) 1,06/2017 15/06/2017;8B~sBR-Nobinsc L4 Suspension for Injection for Dog- 1,N/A,N/A,10,1 ml Urknown 1 Animal (1 Dayls) 14/06/2017- 15/06/2017;6BR~sBR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-03484	United Kingdom	Animal	Canine/dog	6.5 Year(s)	22/06/2017	23/06/2017	1 1	0 22/06,	1017 Yes, <br R> Known</br 		Not Known	Suspected Adverse Reaction Vaccinated with Nobbrac DHP and Nobbrac 14 on 22 Jun 2017. Seizure lasting 1 minute occurred on 22 Jun 2017 and again on 23 Jun 2017. Unsure of seventy and no loss of consciousness. AUS 226 126 2242. IN Other seizures since and Vet has started on Epiphen for a wee and then will reduce dose. Nothing further is expected or being carried out.	Miniature Schnauzer k	8.1	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (22/06/2017- 22/06/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (22/06/2017- 22/06/2017)-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03486	United Kingdom	Animal	Canine/dog	12 Week(s)	13/06/2017	27/07/2017	1 1	0 19/06,	Known, 	Injection site abscess,Skin BR abscess,Lameness,Metaphyseal RS> osteopathy	Not Known	Suspected Adverse Reaction Vaccinated with Noblava DHP and Noblava L1 on 16 May 2017. Second vaccine with Noblava CHP and Noblava KC on 30 May 2017 and then second Noblava: L4 on 13 In 10 2017. Treated with Endectrid at the same time. 19 Jun 2017 presented with lameness on right forelim and treated with Vetregeic. 20 Jun 2017 radiographs carried out and diagnosed Metaphyseal Contepathy due to lesions found, injection site abscess was found, lanced and rained. 22 Jun 2017 Further lumps over body appearing to be abscesses have occurred, intally some abscesses can be related to the pain relief injections given on unknown dates, however some have appeared where injections were given. Abscesses noted on neck, dorsal back and 1 near anus. No further investigation have been carried out. Nothing further revocted.		2.3	Endectrid 40 mg + 10 mg Spot-on Solution for Small Dogs - 1.N/A,N/A 2.41 Dose Unknown 1 Animal (13/06/2017- 13/06/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (13/06/2017-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03487	United Kingdom	Animal	Canine/dog	2 Month(s)	12/06/2017	23/08/2017	1 1	0 14/06/	Known, 	BR	' Not t Known	Suspected adverse reaction Vaccinated at 9 weeks and 3 days of lage on 12 June 2017 with Nobivac DNF14 and MC. Albo had fraectivel agained. Then on 14 June thus reluctant to move so was referred. Collapsed, had no pyrexia. Bloods taken show normal blood glucose, normal mucket one. Other samples sent away for Torospisanosis and Nesopora and other blood tests still pending. I salle to eat and drink normally, no pain or weeling on neck, spine or joint Polyarthritis suspected instillay but no investigation performed into this. Neurological examination wo normal. The puppy went home unknown if on treatment and has recovered fully Open case, awalt further information. Follow up 23 Aug 2017 No more information received, Close case	Border Collie	Not Known	Endectrid 100 mg + 25 mg Spot-on- Solution for Medium Dogs - 1.3/I/A/N, 2.4.1 Dose Unknown 1 Amimal (12/96/2017)-68R88R-Noblwac DHP- 13/(A/NA) - 1.0.1 Unknown 1 Amimal 12/06/2017-68R88R-Noblwac KC- -A/I/A/N, 4.10.0.4 mt Unknown 1 Amimal 12/06/2017-88R-98R-Noblwac KC- -A/I/A/N, 4.10.0.4 mt Unknown 1 Amimal 12/06/2017-88R-98R-98R-98R-98R-98R-98R-98R-98R-98R	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03	189 United	Animal	Canine/d	og 3 Year(s)	28/03/201	7 20/06/2017	1	1 0 29/04	/2017 Not	Low platelet count, Anaemia	No Data	Suspected Adverse Reaction On 28 Mar 2017 dog was vaccinated with Nobivac L4 (unknown if given	English Cocker	14.8	Bravecto 500 mg Chewable Tablets	B - Possible	NCA agrees with the MAH assessment
		Kingdom								Known,cB	cabo al uceration, Autoimmune disorde NOS, Joint effician, Joint pain NOS, Lamenes, Disorientation, Pul noisy oedema, Cough, Decreased appetite, Lethargy (see also Centra nervous system depression in Neurological), Reluctant to move, Pyresis, Weight loss, Dry mucous membrane, Abnormal test result. Abdominal also; comfort, Abnormal radiograph finding, Decreased rade blood cell court, Decreased haemoglobin, Decreased packed cell volume (PCV), Enlarged lymph nodes (generalised), Leucocytosis	or rr m	before). On 6 Apr 2017 Browest co 500mg was administered (unsure if with food and best guess applied On 29 Apr 2017 One was seen for right roterible harmers, and was dazed and docionated, the was given Metacam. On 30 Apr 2017 the was non-weight bearing on her right hind leg, was lethragic and not keen on food. On 1 May 2017 her temperature was 39 S, with tacky mucus membranes, her abdomen was uncomfortable, she was time on her left forelimb and had pain on flexion of her left an right carpit. Array aboved an entarged splean and moderate patellar efficisions on both hindlimes. See was given one dose of Predincione. On 2 May 2017, he was lame on the right hind and left fore with holy joints, had a temperature of 39 S, che was given metacem and antibotics. On 6 May 2017 who was reported as improved. On 20 May 2017 the presented as lethragic, quiet, not worting to get up. with a reduced appetite, a temperature of 38 S, che was given the categoria and antibotics. On 6 May 2017 who was reported as improved. On 20 May 2017 the presented as lethragic, quiet, not worting to get up. with a reduced appetite, a temperature of 30 S, che was given the categoria. The second of the categoria o	J. Spaniel d		for Dogs - 500,N/A/N,A,3.500 mg Unknown 1 Animal (60/4/2017- 06/04/2017)-RBR-RB-Nobbwa L Is Suppersion for Injection for Dogs 1,N/A,N,A,10,1 mt Unknown 1 Animal (28/03/2017)-RBR-RBR-		
	GBR-MERCKMSD-2017-UK-03	Kingdom	Animal		g 9 Week(s)			2	1 17/06	R> <b BR> KnownYes, BR>< t	Not Known	Supercted Adverse Reaction Vaccinated 2 puppies on 15 Jun 2017 with Noblwac UPP and Noblwac L4 Triderid dos Milliagramet but puppy level spatting out on 5 given Advacate Instead. Birth was a vaccinated with unknown vaccine on 16 Jun 2017 and no details reported or supplied. 17 Jun 2017 reported that 1 puppy had been vomiting. Owner has been feeding lean steak and reported to be drinking. The puppy was not presented until it was presented 40 minutes after the initial report and the puppy was dead. Post mortem has been offered but owner has not responded. Unknown location of puppy. Nothing further expected.	Border Terrier	1.65	Advocate Spot-on Solution for Small Dogs - 1.N/A.N/A.24.1 Dose Unknown 1. Animal (15/06/2017-15/06/2017-18-08->8R->Nobiwac DH 1.N/A.N/A.10.1 mil Unknown 1 Animal (15/06/2017-15/06/2017-18-08-08-08-08-08-08-08-08-08-08-08-08-08	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-05	United Kingdom	Animal	Canine/d	og 3 Year(s)	26/05/201	7 18/07/2017	1	1 0 20/06	/2017 Not Known, <br Not Known, <br Not Know</br </b </br </b 	 rash,Lethargy (see also Central nervous system depression in 'Neurological'),Platelet disorder	Not Known	Saspected adverse reaction Vaccinated on 7.8 May 2017 with Nobbas DHP, L4 and KC. Dispensed Droncit. 20 June 2017 owner noticed at 14st (See unknown) about seq uitely (but was 16 day) seen in practice with bruising on its abdomen and under its coat. They took bloods Platelet 14 (143-1448) ALT 163 (19.8.142). June seen again in practice and admitted. More Bloods taken PCV 45 (no ref range known) temperature 38.9, Was barking in kennels. Scanned abdomen (result unknown) Urine samples taken (results unknown) They suspect immune mediated thrombocycloperia though not confirmed. Open case await more information. Follow up 18 Jul 2017: history received, rash reported on Duro 2017 was on the dogs bely with multiple bruises on vertral abdomen. 2 Lin 2017 petched on mucous membranes, PCV 455 (35-575), ultrasound performed and no obvious abnormalities, however query 18 petcomegaly. Predictive awas statled 2.2 Jun Wrinstites was given, unknown east; et asson, radiographs showed no abnormalities, bruising worse, Rambdine was given. 27 Jun 2017 PCV 755 (55-575), ultrasound to be doing well without for further bruising, and 4 Jul 2017 peticlets reported to be bus to normal, no result supplied. 17 Jul 2017 owner reported doing well and bright. Roboting well as designed, Roboting well as designed, Roboting well as designed. 12 Jul 2017 owner reported doing well and bright. Roboting (Urine).	Other Canine/dog	5.5	Nebbac DHP - 1.N/A/N/A (3.1. ml Unknown 1 Anima (26/05/2017- 26/05/2017-88R-48R-Nebbac KC - A/N/A/A/A (3.0.4 ml Unknown 1 Animal (26/05/2017- 26/05/2017-88R-88R-bebbac L4 Supersion for Injection for Dogs - 1.N/A/A/A (3.1 ml Unknown 1 Animal (26/05/2017-88R-48R>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-03	Kingdom	Animal		og 4 Year(s)	04/07/201		1		/2017 Yes	Injection site abscess, inappetence, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Sapert adverse reaction: On 4th July 2017 a formal neutrered 4 year old thasa Agos dog was accinated using Noblex L 6. On 22th Jy the owner presented the dog to the attending vet with a two day history of Inapetance and lethargy. An abscess was found on the back of the neck. Put was sent for culture. Bloods were normal. Treatment using intravenous fallids, artibiotics and non-sercials and inflammatory drugs have began. Await results of aspirate fluid culture. Follow up 21st July: Patient recovered. Dischapped on 16th July from vet clinic. Await swar but culture results. Follow up 24th August: Swab revealed the presence of Staphylococcus pseudointermedius bacteria which is a normal commencial bacterio of the skin No more information execution.	Lhasa Apso	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Vial/Ampoule(s) 1 Animal (04/07/2017-04/07/2017) 		NCA agrees with the MAH assessment.
	GBR-MERCXMSD-2017-UK-03	Kingdom	Animal	Canine/d		11/07/201	15/08/2017	1	1 0 12/05	R> <6	Yes dough, Vomiting, Neutropenia, Jymn openja, Lycopenia, Jymcon ist expain, injection site swelling, rijection site swelling, rijection site abueza, Abornomal utrasuoud finding, Elevatred SAP, injection site fibrosis, Shaking, Sim disorders NOS, Local swelling front application site [Lyung, Steatts, Syrevia, Lehrary / jiere also Central nervous system depression in application of the control in the control	No Data ip on in g	Saspected Adverse Reaction Dogs on anti-epispite medication longterm, no selaures for over a year. On 11 Jul 2017 a thinday the 60 gws sociated with Nobbox DPP and Nobbox L and was reported as clinically well. On 12 Jul 2017 she had vonited overnight, was shaking and lethargic, her temperature was 38.5 c, and she was painful and swollen as the inejection site leties of swelling unknown). A non-steroidal anti-riflammatory drug was given. On 13 Jul 2017 her temperature was 39.5 c, she was of the froot, blooks showed AKE 22 G2.32-12. [JWR. LG. 55; 1-5]). Neutropinio 2.3 L p. 55-11.6.6 (Neutropenia), Lymphocytes 0.57 (L0.5-5.1), Ecsinophilis (In or efference ranges given) and a blood smear showed on neutrophia. New has started on intervenous fulls, intervenous antibiotics, Cerenia and pain relief. On 14 Jul 2017 she was no better, her temperature was 3.0 C and three was some swelling over the elbow and shoulder where the intervenous catheter was placed. Vet is doing further investigations into the injection site swelling. On 14 Jul 2017 she was no better, her intravenous catheter was placed. Vet is doing further investigations into the injection site swelling. On 14 Jul 2017 she was no better, her intravenous catheter was placed. Vet is doing further investigations into the injection site swelling. One case. Follow up 15 Jul 2017 owner reported that the work placed where the intravenous catheter was placed. Vet is doing further investigations into the injection site swelling. Open case. Follow up 15 Jul 2017 owner reported that the work with site was hospitalsed and was treated with diazepain (dates of selective unknown), dog as a known epigetic. Vet reported that the swelling over the right below gradually wowner from 14 Jul 2017 over the following the source of the start of the first threatening over the right below are swill have started and was treated with diazepain (dates of selectively was negative for bacterial growth (dates and given), lowever the dog was silenedy on antibiotic treatment. The dog improped	Jack Russell Terrier 9		Nebbus CHP - 1.4/AN/A_0.1. ml Unknown 1 Animus (1.107/2017- 11/07/2017):RBR-4BR-Nebbus L I Suspension for Injection for Dog- 1,N/A,N/A.10.1 ml Unknown 1 Animus (1107/2017):RBR-4BR-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-03	567 United Kingdom	Animal	Canine/d	og 10 Week(s	13/07/201	7 04/08/2017	1	1 1 14/07	/2017 Yes, < R> <b BR> KnownYes, BR><	Not Known	Suspected Adverse Reaction Vaccinated with Nobivac DHP and Nobivac L4 on 13 ¼1 07. The puppy had been in the owners possessions for a few bours, Advocate was applied and appeared to be discincially healthy at the time of vaccination. 14 ¼1 2017 owner found the puppy dead at 7 km. Only clinical sign was a small amount of foam in mouth. Await decision on post mortem. Follow up, 4 kg 2017 - Owner declined post mortem examination, case closed. No further information expected.	Crossbred	1.01	Advocate Spot- on Solution for Small Dogs - J.M/A.N/A. 24,1 Dose Unknown 1 Animal (13/07/2017- 13/07/2017)-68R68R-Nobiwa DHP 1.N/A.N/A. JO. Im Unknown 1 Animal (13/07/2017- 13/07/2017- BRS68R-Nobiwa L4 Suspension for Injection for Dogs - N/A.N/A.N/A. JO. off Unknown 1 Animal (13/07/2017- 13/07/2017- BRS68R- 13/07/2017- 11/07/2017-	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03594	United Kingdom	Animal	Canine/dog	20 Week(s)	16/06/2017	18/09/2017	1	0 17/06/20	17 Yes, <i R> No Known</i 	B Seizure NOS t	Not Known	Suspected adverse reaction Vaccinated on 16 June 2017 with Nobiva CHP and L4, weight at the time was 600g and was 15 weeks old. Owner brought the puppy in on 14 July 2017 for a second vaccination and reported the day after the first vaccine was given the purpy had 10 setures, each time it had a seture the owner rubbed honey on its gams and the seizure stopped. On examination it was also become the vaccine to the control of the vaccine to the vaccine vacc	Chihuahua	0.89	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (16/06/2017- 16/06/2017)-BR> Nobivac L4 Suspension for Injection for Dogs -	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03607	United Kingdom	Animal	Canine/dog	8 Year(s)	17/06/2017	26/06/2017	1	0 19/06/20	17 Yes, <i R> >BR>No Known</i 	Injection site pain, Lethargy (see t also Central nervous system depression in "Neurological"), Injection site swelling, Elevated	Not Known	did not give the second vaccine. No more information expected. Follow up 18 Sept 2017 No more information received, dose case. Suspected adverse reaction Vaccinated on 17 June 2017 with Nobivac DHP and L4. Seen on 19 June 2017 with a tennis ball size swelling at the site of vaccination between the shoulder blades, this was painful on papilation. Temperature was 397 northing else balmormal was detected, they placed it on Norockiva and Carprieve. Seen on 23 June swelling in the shoulder blades, bis reduced in size and it is no longer painful. Temperature is 33. Offered a fine needle spirate but ower declined. 24 June 18	Crossbred	24.7	1,N/AN/A,10,1 ml Not applicable 1 Animal (16/06/2017- 16/06/2017)-EBS-EBS- Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (17/06/2017- 17/06/2017)-EBS-SBS-Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A, 10,1 ml Unknown 1	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03716	United	Animal	Canine/dog	14 Week(s)	09/06/2017	10/07/2017	1	1 0 12/06/20	17 Yes, <	temperature,Loose stool,Decreased appetite	Not	developed pain at the injection sites swelling again, was seen out of hours with a temperature 39.56. It was finding it difficult to eat and was quiet that morning. Also had developed loose stools, possibly due to the antibiotics. They continued on noroclay and placed it on Dollags. No more information expected. Suspected Lack of Expected Efficacy On 9 Jun 2017, dog vaccinated with Nobivac DHP and Nobivac L4,	Bichon Frise	1.4	Animal (17/06/2017- 17/06/2017) BR> Nobivac DHP - 1,N/A,N/A,10,1 ml	N - Unlikely	NCA agrees with the MAH assessment.
		Kingdom								R> No Known	t	Known	If and well at time of vaccination and Advocate given at the same time. On 12 Jun 2017, dog developed volumiting and diarrhose and was admitted. The dog was possithe for Parvovirus on an in- house text and external faceal analysis. No treatment was given and the dog has since recovered. No further information expected.			Unknown 1 Animal (09/06/2017- 09/06/2017): BR>- BR>- Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (09/06/2017- 09/06/2017) BR>- BR>		
NOBIVAC L4	GBR-MERCIMISD-2017-UK-03722	United Kingdom	Animal	Canine/dog	7 Year(s)	09/06/2017	14/07/2017	1	1 0 14/06/20	17 Yes, RX-BRX-BR-Yes -BR-X-BR-Yes BR-X-BR-Yes	Tracheal collapse, Cough, Decreased, appetite, Positive tracheal c pinch, Abnormal radiograph flinding, Bronchopulmonary inflammation, Increased lung sounds, Bronchial secretion	d No Data	Suspected Alverse Reaction On 9 Jun 2017 dag was vaccinated with Nobivac CHP. Nobivac LC and Nobivac CKP. Not scincially well, but had minor Issues with tracheal collage, or 18 Jun 2017 (Med days lated) the country of the science o	Yorkshire Terrier 3	3.4	Nabbac DHP - 1,N/A/N/A 1,0.1 ml Unknown 1 Animal (09/06/2017-09/06/2017-09/06/2017-08-N-BR-Nebbac KC- 5.N/A/N/A 1,0.0.5 ml Unknown 1 Animal (09/06/2017-08-RB-Nebbac L4 Suspension for Injection for Dogs - 1,N/A/N/A 1,0.1 ml Unknown 1 Animal (09/06/2017-08-SBN-	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03726	United Kingdom	Animal	Canine/dog	Not Known	22/12/2016	17/07/2017	1	1 0 13/07/20	17 Yes, <i R> Yes</i 	a Lack of efficacy (parvovirus)	No Data	Supperted Lack of Expected Efficacy On 22 Dec 2015 the dog was vaccinated with Nobisoc DNP and Nobisoc L4 and was reported to be clinically well at the time of vaccination (no prior vaccine history given). On 13 Ju 2017 the dog was vamining, had henomraping pastrementers, was lethargier, collapsed and dehydrated. He was treated with intravenous fluids, intravenous antibiotics and other supportive care (details not specified). An in-house Pano's only Test was sposible. On 14 Jul 2017 the dog was reported to be doing much better. No further information expected.	Shih Tzu	7.7	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (22/12/2016- 22/12/2016): BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (22/12/2016- 22/12/2016): BR> 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03737	United Kingdom	Animal	Canine/dog	6.7 Year(s)	14/07/2016	18/07/2017	1	1 0 14/07/20	16 Not Known	Heart murmur Abdominal pain, Diarrhoea Vomitting Panting Le thargy (see also Central nervous system depression in Neurological Ti-lendged Iymph node (localised), Shivering Elevated lover enzymes, Elevated BUM, Elevated Att, Abnormal ultrasound finding, Abnormal test result	Not Known	Sagested adverse reaction Vaccinated on 14 July 2016 with Notivac Lt. Then on 25 July 2016 it developed distribute and addominal pain. The owner has another dog that has had a recent gastro-intestinal signs on they assumed this was related to that. The other dog had resolved with Problectics. It October the dog was seen again with Vormiting, they placed for onemprande and a low fat diet. Not seen again in Dec 2016 vioniting again designle height per on the low fat det. Was also lethargic and whereing. Placed no memprande again, also float shean Art 26 (15-38) and ALD 15 (12-38) can also related and adverse placed and the lower size control of the problem of the control of the problem of	Greyhound	30	Nobivac L4 Suspension for Injection for Dops - J.N/A,N/A, 10,1 ml (Information 14,017) 2016-14/07/2016-14/07/2016)+BR> 	O1 - Inconclusive	NCA agrees with mah assessment
NOBIVAC L4	GBR-MERCIOMSD-2017-UK-03738	United Kingdom	Animal	Canine/dog	6.9 Year(s)	06/07/2017	24/07/2017	1	1 0 06/07/25	Known, <bf > <br< td=""><td>proprioception.Limb weakness,Elevinelling.Spas.mcdf SAP,Trembling.Spas.m.Off Colour_Lethangy (see also Central nervous system depression in "Neurological").Vomiting.Convulsion</td><td>Not Known</td><td>Suspected Adverse Reaction Vaccinated with Nobiusc 14 on 5 Jul 2017. Reported to be coupling the previous evening and the norning of vaccination. Trensfling and parting since the vaccine, lethragic and off colour. Francetamol was given in the evening of the 7 Jul 2017. Examined on 10 Jul 2017 parting in consult cromp, poor proprioregion on hind limbs and weakness on back (seg. Spasm on palpation of Julmbar vertebrae. Reported to have run off the lead and been playing with 7 other dogs on a unismoun distance. Reported to have run off the lead and been playing with 2 other dogs on an unismoun distance by the stage of the proprioregion in migroved and rarrow base stance and weakness when pressure applied to dorsum. 17 Jul 2017 wintels 4.4 times in the right. Owner reported convulsion type of epitode and had a spasm, no specific details known. Slight proprioregition loss. Start to wean off steroids and start on steroids. 20 Jul 2017 reported truther convisions. Back legs appear weak and have deteriorated. The dog was given Suprempriptine, 2 Jul 2017 the dog was admitted and placed on intra venous fluids, deep pain invented con on withdrawal on hind legs and some signs of nauses. Cerenia was given. The dog was eating and sent home later the same day, 2 Jul 2017 bloods were taken, ALR 29 310. 1-50), by estagested due to steroids, Aff within normal limits. Much improved still skow on hind legs and pain over mid thoracts spine. Continue anti inflammatories. Nothing further is expected. NCA update 4/8/17: report received by VMD included concurrent vaccination with Nobbac KC. Product added as suspect.</td><td>Crossbred</td><td>7.5</td><td>Nebbac KC - N/A/N/A/N A/N/A/N/A (05/07/2017-N/A/BR-B-R-Nebbuck L3 Suspension for Injection for Dog- 1/N/A/N/A (1.01 Winkow 1 Animal (06/07/2017- 06/07/2017)*BR> </td><td>B - Passible</td><td>NCA agrees with the MAH assessment.</td></br<></bf 	proprioception.Limb weakness,Elevinelling.Spas.mcdf SAP,Trembling.Spas.m.Off Colour_Lethangy (see also Central nervous system depression in "Neurological").Vomiting.Convulsion	Not Known	Suspected Adverse Reaction Vaccinated with Nobiusc 14 on 5 Jul 2017. Reported to be coupling the previous evening and the norning of vaccination. Trensfling and parting since the vaccine, lethragic and off colour. Francetamol was given in the evening of the 7 Jul 2017. Examined on 10 Jul 2017 parting in consult cromp, poor proprioregion on hind limbs and weakness on back (seg. Spasm on palpation of Julmbar vertebrae. Reported to have run off the lead and been playing with 7 other dogs on a unismoun distance. Reported to have run off the lead and been playing with 2 other dogs on an unismoun distance by the stage of the proprioregion in migroved and rarrow base stance and weakness when pressure applied to dorsum. 17 Jul 2017 wintels 4.4 times in the right. Owner reported convulsion type of epitode and had a spasm, no specific details known. Slight proprioregition loss. Start to wean off steroids and start on steroids. 20 Jul 2017 reported truther convisions. Back legs appear weak and have deteriorated. The dog was given Suprempriptine, 2 Jul 2017 the dog was admitted and placed on intra venous fluids, deep pain invented con on withdrawal on hind legs and some signs of nauses. Cerenia was given. The dog was eating and sent home later the same day, 2 Jul 2017 bloods were taken, ALR 29 310. 1-50), by estagested due to steroids, Aff within normal limits. Much improved still skow on hind legs and pain over mid thoracts spine. Continue anti inflammatories. Nothing further is expected. NCA update 4/8/17: report received by VMD included concurrent vaccination with Nobbac KC. Product added as suspect.	Crossbred	7.5	Nebbac KC - N/A/N/A/N A/N/A/N/A (05/07/2017-N/A/BR-B-R-Nebbuck L3 Suspension for Injection for Dog- 1/N/A/N/A (1.01 Winkow 1 Animal (06/07/2017- 06/07/2017)*BR> 	B - Passible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03751	United Kingdom	Animal	Canine/dog	2 Year(s)	20/07/2017	21/07/2017	1	0 20/07/20	17 Yes, R> Yes, 	B Bradycardia, Cyanosis, Collapse (see , also 'Cardio-vascular' and 'Systemic disorders'), Anaphylaxis	Not Known	Suspected Adverse Reaction Vaccinated with Nobiwa CHP, Nobiwa CL 4 and Nobiwa KC on 20 Jul 2017. Within minuset being collapsed, was host/pacific and cynactic. Cortison was given and placed in the oxygen therapy chamber with intra venous fluids. The dog was recovering within 15 minutes and kept in overnight for observation and sent home on the Jul 2017. Nothing further expected.	Pug	Not Known	Nobinz DHP - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (20/07/2017- 20/07/2017)-8RR-«BR>Nobinza KC - 4,N/A,N/A, 1,0,0,4 ml Unknown 1 Animal (20/07/2017- 20/07/2017)-8RR-«BR>Nobinza L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (20/07/2017- 20/07/2017-8BR>«BR>»BR	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7 Week(s)		24/07/2017	1	7 2 01/01/20	R> No Known	Lack of efficacy,Death t	Not Known	Supperted Lack of Expected Efficacy On 17 Mar 2017, bitch vaccinated with Nobiaca CHP and Nobiaca LA: The dog had given brith to 10 pupples that are approximately? I weeks. On an unknown date, 2 pupples died and were diagnosed with Parvovinus on PCR and a norther 5 pupples showing clinical signs of Parvo and have started antibiotics. No further information expected.	Golden Retriever	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal-8R8-Treatment start date 17/03/17 (N/A- 17/03/2017) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,7 ml 1 Animal 6R9-treatment start date - 17/03/17 (N/A- 17/03/2017) 	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-03794	United Kingdom	Animal	Canine/dog	11 Year(s)	18/07/2017	25/09/2017	1	0 22/07/20	17 Not Known	Lack of efficacy	Not Known	SEE for Legio 9 Aug 2016 vaccinated with Nobiva C 1.4 13 Jul 2017 vaccinated with Nobiva C 1.4 On 22 Jul 2017, presented with hearmaturia and started Norocidus and non-steroidal anti-inflummatories. On 23 Jul 2017, dog became off food, miserable, unsteady on back legs. Presented with T=39 3.5c, 6ty testely runcous membranes. Dog glade on intravenous fluid herrapy and had a bladder utrasound and nothing found. Blood tests: WBC 19.74 (6-17), Neutrophils 1.6.73 (3-12), Monocytes 1.8 (2-4), RBC 4.02 (5-8.5), HCT 261 (17.55), MCH 27.01 (5) 7-2.45, JMCH 28 (31.34), plasteles 9 (00-9050), Albumin 20 (25-44), Given Enrofloxacin and Influids. On 26.1 2017, urine looked clearer after intravenous fluid therapy. Await Influir information. Owners other dog devoloped similar sizes, see linked case: 2017-UK-03797 (unknown root cause). Follow up 25 Sep 2017 - No further information received. Case	English Springer Spaniel	17.05	Nobivac 14 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (18/07/2017-18/07/2017)-BR>-BR>-	O1 - Inconclusive	Clinical signs reported can be due to leptosprioris and cannot discount a possible lack of efficacy in a vaccinated dog

NOBIVAC L4	GBR-MERCKMSD-2017-UK-03796	United Kingdom	Animal	Canine/dog	1 Year(s)	19/07/2017	25/07/2017	1 1	0	19/07/2017	Not Known,
 >Not Known</br 	Abdominal pain, Vomiting, Off colour, Lethargy (see also Central nervous system depression in 'Neurological'), Inappetence	Not Known	Suppected adverse reaction Vaccinated on 19 July 2017 with Nobivac L4 and DIPP - Since then the dog has been lethragic and somiting and complete inappetence from the date of vaccination. Then on 23 July 2017 the was been of off house, with a pairful addomer. They gave Cerenia and synulous and sent it home on historical vanid to diet. Then on 24 July 2017 the dog was still in ord eating and was off colour, they spaced in on intervenous fluids, given more Cerenia and sent thools was viol from stearcastics. 25 July the dog was still in order to thools wave for more cerenia and sent to thools down with or more cerenia and sent to thools down with or more cerenia and sent to thool away for Parkerastics. 25 July LANJAN, 2.01 mill Unknown 1 Aminut [15/07/2017-18]. Almanut [15/07/2017-18] B - Possible VICA agrees with the MAH assessment. NCA agrees with the MAH assessment. In Possible (July 2017) and [15/07/2017-18] NCA agrees with the MAH assessment. NCA agrees with the MAH assessment. In Possible (July 2017) and [15/07/2017-18] NCA agrees with the MAH assessment. NCA agrees with the MAH assessment. NCA agrees with the MAH assessment. In Possible (July 2017) and [15/07/2017-18] NCA agrees with the MAH assessment. NCA agrees with the MAH assess
	GBR-MERCKMSD-2017-UK-03797	United Kingdom	Animal		10 Year(s)	24/08/2016	26/07/2017	1 1	0	24/07/2017	Not Known	Lack of efficacy	Not Known	SEE for Legation 0.7 at Jul 2017, Obg presented with haemornhagic gastroenteritis funknown exact Editable, Aurinalysis was performed: Lymph 0.06 (12-48), Lymph 1.05 (12-29), RBC 4.24 (5.5-48.5), heemoglobin 1.5 docted casts performed: Lymph 0.06 (12-48), Lymph 1.05 (12-29), RBC 4.24 (5.5-48.5), heemoglobin 1.5 (12-18), HCT 2.9.03 (27-55), MCV 08 (02-77), MCH 0.93 7, (13-34), Platelets of 7,000-500), Another univalysis was performed and not change. The dog is setting and drinking well. Award further information. Owners other dog had similar signs fair data dos asspected of having contracted technologies. Jul 2018 (12-20) (1
NOBIVAC L4	GBR-MERCIONSD-2017-UK-03835	United Kingdom	Animal	Canine/dog	11 Year(s)	06/06/2017	14/08/2017	1 1	1	06/06/2017	Yes, Not R>CBR>CBR>Not Known	Swollen in/by/prois) Off Coolout_Acalided plan NOS fee other 'SOC's for specific pain_Inappetenc_Ocath by euthanasis_Skin swelling_t.ameness_Polyarthritis	Not Known	Suspected Afwerse Reaction On 9 May 2017, 36g vaccinated with Nobixa C IPP and Nobixa C I and on 1 8 one of 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	GBR-MERCXMSD-2017-UK-03864	United Kingdom	Animal			25/07/2017		1 1		25/07/2017	Known,-BR-VBR > VBR>VBR>VBR>VBR>VBR>VBR>VBR>VBR>VBR>V	Other coagulation shormality, Rigit ventricular dilatation, Pale mucous membrane, Distersion of sabdomen, Vomiting, Death, Dacrease da packed cell volume (PCV), Lethany (see also Central da packed cell volume) (PCV), Lethany (see also Central Green Consultation of Neurological), Brain disorder NGS, Adominal cavity haemorrhage, Live degeneration, Abnormal necropsy finding, inappetence	Not Known	Supected Aberrae Reaction Dog was vaccinated on 25 Jul 2017 at 3.30pm with Nobixac DIP and Nobixac LIP was reported as Clinically well at the time of vaccination. Owner administered a Milbemax studiet (non company product) in the evening (dose given not specified). On 25 Jul 2017, dog was reported as Clinically well at the time of vaccination. Owner administered as Milbemax stablet (non company product) in the evening (dose given not specified). On 25 Jul 2017, dog was reported as Clinical produced in the evening (dose given not specified). On 25 Jul 2017, dog was reported as Clinical produced in the vaccination (product) in the evening (dose given not specified). And a distinctive accompany and the vaccination and containing vaccination in the vaccination of the lever, and the vaccination of the lever containing value of the vaccination of the lever containing value of the vaccination between the right vertricle and the guinnous process of vaccination of the lever, colloquially known as "nutmeg liver." This change was caused by persistent retrograde flow of blood from defective right earth. The brain presented with sign of policy is appropriated and with the abdomination cality was likely precisiting from the damped laboration of the lever, with the observation that the flow of oxygenated blood was much reduced in this animal. The blood with the abdomination cality was likely precisiting from the damped laboration of vaccination of the lever. The varies of the pulmonary circulation and coclusion or complete at viting the variety of the vaccination of the lever, and the vaccination of the lever and the vaccination of the l
	GBR-MERCKMSD-2017-UK-03890	United Kingdom	Animal		13 Month(s)		28/07/2017	1 1			Yes, <br R>BR>CBR>CBR>Yes, BR>CBR>Ot Known</br 		Not Known	Suspected Lack of Expected Efficacy On 26 Aug 2015, dog vaccinated with second dose of Nobbwa Clabrador DeP - 1.N/A.N/h.10.1 mt 1 = 0.00 mt 20 m
	GBR-MERCKMSD-2017-UK-03925	United Kingdom	Animal	Canine/dog	3 Month(s)	05/07/2017	01/08/2017	1 1	0	05/07/2017	Yes, BR> <b R>BR>KBR>Yes</b 	Haemorrhagic diarrhoea,Inappetence,Vomiting	No Data	Suspect adverse reaction: On the 5th July 2017 a 3 month and 25 day old female German Shepherd dog German Swepter and September of the State September of Septemb
NOBIVAC L4	GBR-MERCXMSD-2017-UK-04003	United Kingdom	Animal	Canine/dog	9 Year(s)	21/04/2017	22/08/2017	1 1	o	18/05/2017	Yes, SRX-SRX-NOT KX-SRX-NOT KXDOWN	Decreased packed cell volume (PCV) Elevated globulini, ziver turmour, Adominal pain, Low platetict court, Decreased haemoglobin, Ahoromai Ultrasound indingliemiume mediated haemoglobin, Ahoromai Ultrasound indingliemiume mediated haemoglotic analemia, Collapse (sea Cardio-vascidar and Systemic disorders'), Off colour, Ahonomail test result	Not Known	Suspected Afterine Reaction On 21 Apr 2017, day succeinated with Noblava L. I and Noblava C. R. fill and Wall at time of Vaccination apart from immeress funknown details, Presented as of to Colour and pathful abdomen. A heart murrur stated but is ongoing funknown when disaples, Presented as of the Colour and pathful abdomen. A heart murrur stated but is ongoing funknown when disaples, Presented as of the Sea Description of the Colour and pathful abdomen. A heart murrur stated but is ongoing funknown when disaples and the Colour and pathful abdomen. A heart murrur stated and nutrescound performed that suspected the right kidney was shormall. On 6 in Jun 2017, day had a history of collapsing over last 3-4 days and blood tests performed again: RBS C. 56, ES. RPC VIZ. Q 2073-66,11 kemengoliko F1(31-20), MKV-SB (6-17-3), suspected something on kidney ultrasound fill of the same practice—diagnosid immune Mediated Hemolytic Ansemia. On 16 iu p. 2017 day was referred and blood transfusion. Trollow up 21 and 2017 day vas strated on predissolone for Immune Mediated Hemolytic Ansemia. On 16 iu p. 2017 day was referred and blood on 17 June 2017 showed a PCV of 27 x (F2.7-S). On 201 un 2017 day was referred and blood on 17 June 2017 showed a PCV of 27 x (F2.7-S). On 201 un 2017 day was referred and blood on 17 June 2017 showed a PCV of 27 x (F2.7-S). On 201 un 2017 day was referred and blood on 17 June 2017 showed a PCV of 27 x (F2.7-S). On 201 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 19 un 2017 day was referred and blood on 1

NOBIVAC L4	GBR-MERCKMSD-2017-UK-04027	United	Animal	Canine/dog	2 Month(s)	21/07/2017	10/08/2017	1 1	0 31/07/	017 Yes, 	B Seizure NOS	Not	Suspected Adverse Reaction On 21 Jul 2017, dog given Nobivac L4 and Nobivac DHP, fit and well at	English Cocker	3.6	Milquantel 2.5 mg/25 mg Tablets for	0-	NCA agrees with the MAH assessment. Three products
		Kingdom								R> Ye BR> Not Known	es,	Known	time of vaccination. On 31 Jul 2017, owner reported dog had there seluters and dog was presented, admitted into particle for observation. On 2 Ag 2017, on further seluters respond by practice and further information expected. Follow up 10 Aug 2017, On 21 Jul 2017, dog was dispensed Miliparted worming tablest. Unknown when given further and produce. Dog resported as being a farm dog, on 4 Aug 2017, owner reported the dog as not having had any further seluters and the vet reported the dog as fit and healthy. No further information expected.	Spaniel o		Small Dogs and Pupples Weighing at Least 0.5 kg - 1.N/A.N/A. 2.4.1 Dose Unknown 1 Animal (0.1/07/2017- 0.1/07/2017):RBR-MBN-Mobwac DHP- 1.N/A/N/A.) 1.01 if Jahimal [21/07/2017- 21/07/2017-BRR-RBR-Mobwac L4 Suspension for Injection for Dogs - 1.N/A.N/A. 1.0.1 ml 1 Animal [21/07/2017-21/07/2017):GBR-GBR-	Unclassifiable/unassessa ble	· ·
	GBR-MERCKMSD-2017-UK-04030	United Kingdom	Animal	Canine/dog		01/08/2017		1 1		R> Ye	erythema, Pruritus	No Data	Saspect adverse reaction: On 1st August 2017 a 6 year old male Bithon Frise dog was given an annual hooster vaccination using Robbace DiPPan and 1.4. The next morning the day contined, head shaking, ski was enthematous and an uritacrial reaction was noticed by the attending vet. 0.4mt Colvasors injection was administered. The dog recovered soon after. No diagnostics were performed. NCA update 15/09/17: a dditional information from duplicate report: agitation, pruntuu, erythems, urricaria No previous reactions. Appropriate veedra terms added.	Bichon Frise n		Nobivac DHPPi, Lyophillisate for Suspension for Injection for Dogs- 1,11,14ears,24,1val/Ampoule(s) 1 Years 1 Animal (01/08/2017- 01/08/2017)+BR>-SBR>Nobivac L4 Suspension for Injection for Dogs- 1,1,1 Years,24,1 Vial/Ampoule(s) 1 Years 1 Animal (01/08/2017- 01/08/2017-BRP-SBR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-04035	United Kingdom	Animal	Canine/dog		29/07/2017	02/08/2017	1 1		017 Yes, R> No Known	ot	Not Known	Supercted Adverse Reaction On 29 Jul 2017, dog vaccinated with Nobbusc DHP and Nobbusc L4, clinically well at the time of vaccination. Reported 5 hous bett of gold as selsen, which lasted for 45 seconds. The emergency practice was informed and advised to monitor. The dog has had no further seiture or resiture-lae activity. On 30 Jul 2017, dog presented for a check-up and no abnormalities wer observed and no further information expected.	Pug		Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (29/07/2017- 29/07/2017)-BR> >dR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (29/07/2017- 29/07/2017-BR> >dR>	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04054	United Kingdom	Animal	Canine/dog	10.9 Year(s)	21/07/2017	27/07/2017	1 1	. 0 21/07/	017 Yes, BR> BR> BR> BR> Known, SBR> SBR> BR> Not Known	R nervous system depression in	Not Known	Suspected adverse reaction Vaccinated on 21 July 2017 with Nobiusc DPIP, I.4 and K.C. Seen on 22 July, owner reported the night of the vaccine the dog was quite and vomited once. The following moming was inappetant and vomited another 5-6 times. Also passed diarrhore about 4 times and was a bit shaley on her hind legs on examination. She had a temperature of 3.6 and was mildly dehydrated, for her food but did eat some treats in the consulting room. They gave Cerenia and Oralade and Prokolin. 27 July the Nahe head nothing further from the owner so they presume the dog recovered. No more information expected	/ Crossbred	9.45	Nobiwa CHP - 1.N/A.N/A.10,1 ml Unknown 1. Animai (21/07/2017- 21/07/2017)-BR>-BR>Nobiwac KC - 4.N/A.N/A. 1.0,0.4 ml Unknown 1 Animai (21/07/2017- 21/07/2017-BR-SBR-Nobiwac L4 Suspension for Injection for Dogs- 1.N/A.N/A.10,1 ml Unknown 1 Animai (21/07/2017- 21/07/2017-BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04063	United Kingdom	Animal	Canine/dog	3.06 Month(s)	31/07/2017	01/08/2017	1 1	0 31/07/	017 Yes, NBR>NBR>NBR>NBR>NBR>BR>BR>BR>BR>NBR>BR	ot difficulty,Laboured R breathing,Wheal,Anaphylaxis,Facia	Not Known i	Supperclar adverse reaction Vaccinated on 31 July 2017 with Nobiac DNP, L4 and KC. Seen out of house 1sh origing that a swollen face and straggling to breath. She has been scribing at her face, he jows and yees are very inflamed on examination with laboured breathing. Also with small wheels on her ventrum. Unable to out on intravens fulfast they gave another than the provided of	French Bulldog r	5.4	Nobised DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Dose (31/07/2017- 31/07/2017-8BR-MBR>Nobisea KC - 4,N/A,N/A, 10,0.4 ml Unknown 1 Animal (31/07/2017- 31/07/2017)-BR-MBR>Nobisea L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (31/07/2017- 31/07/2017-BR-MBR-MBR	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-04079	United Kingdom	Animal	Canine/dog		02/08/2017	03/08/2017	1 1		017 Yes, R> Ni	o rate,Diarrhoea,Collapse of leg,Elevated temperature,Lamenes	Other	Superced Adverse Reaction On 2 Aug 2017, dog vaccinated with Nobbusc DIP and Nobbusc L4 fort given at room temperature - extra label usel, fit and well at time of vaccination. No other products given After vaccination dog passed damnoes and then owner reported that overgiff was off back legs. On 3 Aug 2017, dog was slight in the morning and temperature 33.2 degrees Cebius, heart rate 40 but dog was very excited. The owner reports lame at home left him but jumped up in consult room. Dog reported that has still been having damnoes and Probiotics given and sent home for monitoring. No further information respected.	Jack Russell Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (02/08/2017- 02/08/2017): BR> >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (02/08/2017-02/08/2017)< BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04122	United Kingdom	Animal	Canine/dog	5 Month(s)	02/05/2017	04/08/2017	1 1	. 0 09/05/	017 Yes, N		Not Known	Suppected Adverse Reaction Reported to have been vaccinated at the breeder with DIPPP and Lepto 2 however It is not confirmed the brand of the section or the dates given, but reported to be divestigated to the vaccine at the proprinting Practice. Owner reported that prior to the vaccine at the proprinting Practice, the day was found collapsed in darkness in the right on 21.4 pc 2013 and was placed on intra venous fluids and improved-unknown date of resolution. Vaccinated 2 Naty 2017 with Nobbac UF3 and Nobbac UF3 and Nobbac UF3 and Nobbac UF3 and Sopped in the mis an pool of urine and diarkness. When presented the dag remained in a collapsed state and the Vet suspected the dog had is setulute. During the examination the dag improved and was sent nhome with no treatment. Blood were carried out and were unremarkable. 30 Naty 2017 Nobbac UF4 was given and the dog had is accordanced and the second of the contraction of the care 2017 UF4 OHD for Whorte proceed.	Charles Spaniel	11.7	Nobivac DHP - 1,N/A,N/A, 1,0.1 mt Unknown 1, Animal (02/05/2017-02/05/2017)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 1,0.1 mt Unknown 1 Animal (02/05/2017-BR>-BR>-BR>-	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04123	United Kingdom	Animal	Canine/dog	5 Month(s)	30/05/2017	04/08/2017	1 1	0 06/06/	017 Not Known	Seizure NOS	Not Known	Supected Adverse Reaction Previously vaccinated with Nobivac DHP and Nobivac L4 on 2 May 2017 and had suspected seizures, see linked case 2017-IV.64122. Vaccinated on Nobivac L4 on 30 May 2017 and owner reponded that 7 day after the vaccine the log land 2 similar pelapoides of seizures. Unknown exact clinical signs or exact dates signs occurred. Not presented to the Practice. Nothing further exocected.	Cavalier King Charles Spaniel	11.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (30/05/2017- 30/05/2017) 	O - Unclassifiable/unassessa ble	Delayed time to onset. Other causes possible.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04163	United Kingdom	Animal	Canine/dog	6.9 Year(s)	30/05/2017	07/08/2017	1 1	0 08/06/	017 Yes, N	® Lack of efficacy of	Not Known	Suppercial ack of Expected Efficacy Vaccinated with primary Nobleac L4 and Nobleac KC on 30 May 2017. Reported to have voimited 1-2 day prior to vaccine, but well at the time of vaccination. The do has a history of pancreatitis. 8 Jun 2017 reported polydipsia and polyuria with reduced appetite. 10 Jun 2017 PVID continued and reduce appetite and bit letharps: Glucose, protein and blood in urine. Bille Acid Simulation was carried out in 4 Jun 2017, be traintation 3-1 (0.1-5) and pols stimulation 31 (0.1-5). 10.10, Urine culture was carried out and indicated Pseudomonas. The dog was referred on 27 Jun 2017 to investigate the PUPU. Ultrasound was carried out as well as unknown investigations, but no results supplied. 29 Jun 2017 Second Nobleac L4 was given on advise from referral centre. 8 Jun 2017 Blood results indicate positive for L Canicola 1/100, L Australis 1/100 and L Bratislava 1/100. Nothing further is expected.	Miniature g Schnauzer		Nobiner KC - S.N/A.N/A 1.0.0 s m Unknown 1 Anima (39/05/2017- 10/5/2017)-8R->-BR-Nobiner L4 Suspension for Injection for Dogs - 1.N/A.N/A 1.0,1 m Unknown 1 Animal (30/05/2017-30/05/2017-30/05/2017)-BR->-BR->	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04181	United Kingdom	Animal	Canine/dog	8 Week(s)	30/07/2017	07/08/2017	1 1	0 31/07/	017 Not Known, B > <br Not Known</br 		Not Known	Sapected adverse reaction Vaccinated on 30 kip 2017 with Nobias CIPPP and L4 clinically well at the time. First saccine was given at the breeders Unknown what beand. 31 July 2017 became inappetent and ethaligs and drinking more, vomiting with a temperature of 10-11, it had lost some bod condition, but no body score given. On 4 Aug 2017 was taken to the breeders yets and they gave a metacam injection and it recovered within 12 hours. No more information expected	Welsh Springer Spaniel Y	4.5	Nobivac DHPPi, Lyophillisate for Suspension for Injection for Dogs - I.N/AN/A, Jo.1 mtl Unknown 1 Animal (30/07/2017- 30/07/2017- 30/07/2017-8RN-SR>Nobivac L4 Suspension for Injection for Dogs - I.N/AN/A, Jo.1 mtl Unknown 1 Animal (30/07/2017-8RN-SRF)	B - Possible	NCA agrees with the MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-04291	United Kingdom	Animal	Canine/dog	8 Month(s)	01/02/2017	03/10/2017	1	1 0	11/08/2017	R×BR×BR>Yes	Lack of efficacy (parvovirus)	No Data	Supercted Lack of Expected Efficacy for pano Dog was vaccinated with Nobwac DHPP and Nobwac Lin in Peb 2017 (Yeack Idea unknown), this was the dogs scored vocariostic offeation of first vaccination of gene). The dog was reported to be If to weeks old at the second vaccination and was reported to be If and well. On 11 Aug 2017 ver reported the dog as acutely vorning brown fluid and blood, having a temperature of 37 C, passing watery diarrince, being lethargic, cold and listless. An in-house panovirus snap set was positive. Dog was treated with Intervenous fluids and supportive reatment (details not given). On 14 Aug 2017 the dog was reported as being bright, after and responsive, but still having diarrinces. No further efformation expected. The owner had another dog that presented with similar clicical signs, see linked case 2017-UR-04293. Follow up 32 Aug 2017 -interim post mortem exact for the owner out on dog are eigenized on vival lobulation and fishinghalloging for Paravirus. Paravirus in this case. No further information expected. Follow up 3.0 ct 2017. No further information expected. Closed case 1.6 (2017) FAC Continues on above informations A dog in the same household was showing similar signs, suspicious of blue-green aligne toxicity. The dog for this case was not exercised.	t Spaniel	r Not Known	Nobiac DHPE, Lyophilisate for Suppension for Injection for Dogs - 1,N/A/N, 1,0,1 ml 1 Animal (N/0/2/2017 - 0,0) (N/0/2) (N/0	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-04294	United Kingdom	Animal	Canine/dog		01/02/2017	03/10/2017	1	1 1		R>≺BR>≺BR>Yes		No Data	Supercted Lack Of Expected Efficacy for Canine parvovirus. Dog was succinated with Nobbuc ChiPFI and Nobbuc La In Peo 2017 (searcd steb unknown), this was the dogs second vaccination (details of fire vaccination not given). The dog was reported to be fall on the second vaccination and was reported to be fall and well. On 11.1 aug 2017 vet reported the dogs as curely vorting brown fluid and blood, and passing watery diarrhoea. An in-house parrovirus snap test was positive. Dog was treated with intravenous fluids, Cereila and supportive textament (full details not given), but ded despite teatment, Post mortem to be performed, awalf sufficient formation. Case open. The owner had another dog that presented with similar clinical signs, please see linked case 2017. Un 6229. Follow up 23 Aug 2017 - post morbem results received are negative for Parvovirus on viral isolation and handloogy. There are lost of gastrointerioral changes wich are considered significant (exact details not given). Blue green alige toxin is the suspected cause of the clinical signs, No further information expected. Follow up 30 Ct 2017 - On 15 Aug 2017, a post morbem was carried out and the results are as follows, there was lymps node enlargement throughout the abdominal cavity, the bymph modes concluded as a support of the properties of the control of t		r Not Known	Nobiac DHPE, Lyophilisate for Suppension for injection for Dogs -1,N/A,N/A, 24,1 ml Unknown 1 Amina (10,1/20,217): ERS-RBN-blokuc L4 Suppension for injection for Dogs -1,N/A,N/A, 24,1 ml Unknown 1 Amina (10,1/20,217): ERS-RBN-	N - Unlikely	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-04310	United Kingdom	Animal			11/08/2017	14/08/2017	1	1 0	11/08/2017	Yes, <br R>BR>Not Known</br 	Injection site pain, Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Shaking, Vocalisation	Not Known	Suspected Adverse Reaction Dog was vaccinated on 11 Aug 2017, at 5.15 pm, with Nobbxa CHP and Nobbxa C4 (unknown if a room temperature), day was reported as fit and well at the time of vaccination. This was the dogs second vaccination (details of the previous vaccine are not given). Two hours later the owner reported the dog to be collapsed, vet reported the dog as shaking a lot and vocalisinghe was bright, alert and responsive on examination, eating and drinking, and was pairful over the shoulders. Carprieve and Vetergeic was administered. On 12 Aug 2017 the dog was reported as recovered. No further information expected.	Beagle	5.2	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (11/08/2017- 11/08/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (11/08/2017- 11/08/2017)-BR>-BR>	B - Possible	Close temporal association with use of products administered. Two products given.
	GBR-MERCKMSD-2017-UK-04330	United Kingdom	Animal	Canine/dog		25/02/2016	15/08/2017	1	1 0	01/03/2016		Selzure NOS	Not Known	Suspected Adverse Reaction The dog was vaccinated with Nobvac Lepto 2 on 17 Feb 2015, seiture was noted on 5 Ag 2025. See linked cas 2071/LK-04239 Nobvac Let was given on 25 Feb 2016. When the dog was presented for a further Nobvac Let on 17 Mar 2017, the owner reported that the dog had 101 seitures in the past year since their last visit. No dates of seitures inown. Reported that the dog had only a seiture every 2 months. No treatment given or investigation performed. Discussed epilepto has a seiture every 2 months. No treatment given or investigation performed. Discussed epilepto (EEPTO*4(CT_CAN_CRIPP_BRAT) KB Brand: NOBIVAC L4 10X1D5 541 Resson: Vaccination) (State of health: Good)	Crossbred	15.6	Noblwac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 ml 1 Animal 25/02/16. Previous vaccination was Noblwac Lepto 2 on 17/02/15 (25/02/2016-25/02/2016)<	O - Unclassifiable/unassessa ble	insufficient data to make a full assessment as lack of detail on timing of seizures in relation to vaccination and no investigation to rule out other possible causes of seizures.
	GBR-MERCKMSD-2017-UK-04364	United Kingdom	Animal		5.1 Year(s)		15/08/2017	1	1 1	24/02/2016	R> Yes, < BR> <kr>Not Known</kr>	death_nappetence_Eye inflamed_Lack_of efficacy (parvovivus_Ocular discharge_Cloudy eye (for Miosis, Mydrissis_Anisocoria, Mystagmus - see 'Neurological', Comeal oedema_Corneal disorder NOS_Omniting_Diarrhoea, Haemorrh agic gastroenteritis	Not Known	Suspected Adverse Reaction & Suspected I lack of Expected Efficacy, On 18 Dec 2015, the dog was vaccinated hobbusc UPP, Nobiuse L can hobbuse K.C. on 38 and 2016, she was given a second dose of Nobiuse L4 and was clinically well at time of vaccination. On 24 feb 2016, The dog developed conjunctivist so they see and some sciencial congestion and a stictly dischange. Right dorsal cornera a little cloudy and left eye was positive on fluoreseace in on central cornea with superficial stratch. Given Istath eye depos, no 10 Jan 2017, given hobbusc L4 and hobbusc K.C and reported clinically well at the time. On 15 May 2017, both eyes inflamed again and a greensh discharge-continued treatment of Isstahl. On 19 Jan 2017, corneal oclean wedeveloping over domain part of cornea no both eyes. On 7 Aig 2017, owner presented dog has been inappetant since the previous day and vomiting up white froth at least fine episodes. Developed haemoringing clinificers and low temperature Sir Gregers Cellular. In 19 Potochia in borne. On 8 Jan 2017, dog suddenly died and gut samplex were taken at post mortem for histopathology. The diagnosts from the amples show lacerate at amplic serveral arm plant of cornear and superfield. PCR results show positive for Parvovirus and Campylobacter. No further information superfield.	Lhasa Apso		Nobbac 0HP - 1,M/A/M, Jol, 1 ml 1 Animal (18/1/2015): eBR-Nobbac KC- 18/12/2015): eBR-NB-Nobbac KC- AN/A/M, Alo, 200 ml 1 Animal 18/12/15 and 10/01/17 (8/12/2015) 10/01/2017; eBR-Nb-Nobwac LG- 10/01/2017; eBR-Nb-Nobwac LG- 10/A/M, Alo, 1 ml 1 Animal given 18/12/15, 08/01/16 and 10/01/17 (18/12/15, 08/01/16 and 10/01/17 (18/12/2015-10/01/2017): eBR-NBD-	O - Unctassifiable/unassessa ble	SAR The dog developed ocular signs twice following use of this product has a corneal scratch was noted in the first elipide and the time period between product use and the noset of clinical signs in the second episode was 4 months and no information was supplied on investigations to note out the possible cause. SLEE Agree with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04367	United Kingdom	Animal	Canine/dog	S Year(s)	14/07/2017	16/10/2017	1	1 0	21/07/2017		Elevated globulmi, Derceased haemoglobin, Moorchis, Amerin a a NOS. Leucocyfosis, Neutrophilia Vo miting, Lethargy (see also Central an encous system depression in Neurological T-Presis, Abnormal Neurological T-Presis, Abnormal tar esull. Immun emdiated haemolytic amenia 3-typerglycaemia, Elevated SAP Decreased packed cell volume (PCV)	Not	Suspected Adverse Reaction On 14th July 2017, dog vaccinated with Nobbasc L4 and clinically well at the time of vaccination On 21st July 2017, dog presented with acute voniting, lettrapy, temperature 39.6 degrees Celsius and had blood test performed: Globalin 48 (25-45) and total billiudho 21 (0-15), 886.33 (5.65-8.45), HCT 26.6 (37-8.17), M68.2 (3.13-0.55), MCV 20 (6.16-7.35), MMCT 26.6 (32-27.9), Relte 112.2 (10-110), monocytes 1.53 (0.16-1.12). Given intravenous fluid therapy, Omeprazole, Ransitidine and storation. On 22 Jul 2017, continued viorniting and was given Cereino, 60 diagnosed with immuse-mediated haemolytic anaemia as Coombis test positive. On 23 Jul 2017, further blood tests performed: Glocose 90 (6.88-7.93), Globalin 32 (25-5.4), Bary 27 (23-22); Lotto bill pilludo 28 (0-15), Anylase 37 (500-1500), Rec 2.90 (5.65-8.87), HCT 23 (37.3-61.7), haemoglobin 7 (13.1-20.5), MCV 73 (6.67-5.3), MCV 6.05-6.87), HCT 23 (37.3-61.7), haemoglobin 10.2 (10.1-12), Globalin 20.2 (10.65-12), MCV 6.56-8.87), HCT 23 (37.3-61.7), haemoglobin 10.7 (13.1-20.5), MCV 95-5 (61.6-72.3), MCV 46 (21.2-25.9), MCV 6.6 (3.192-37.9), RCV 48 (31.6-21.7), haemoglobin 10.7 (13.1-20.5), MCV 95-5 (61.6-72.3), MCV 95-5 (61.6-72.3), MCV 95-91-61.6), monocytes 1.3 (10.65-12.1), Coloriophilis 0.02 (0.06-1.23), PCW 20.6 (61.1-24), MCV 95-91-164, M	Miniature Schnauzer	6.5	Nobiwa C. 4 Suppension for Injection for Tops: 1.1/A,MA, 2.4.1 ml Not applicable 1 Animal (1.4/07/2017-14/07/2017)*BR~BR>	B - Possible	Agree with assessment from MAH+ - close temporal association such that product may have been trigger for clinical signs.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-04372	United	Animal	Canine/dog	12 Year(s)	08/11/2016	28/09/2017	1 1	1 1	15/08/2017	Not	Death,Lack of efficacy (parvovirus)	No Data	Suspected Lack of Expected Efficacy. The dog was vaccinated on 14 Nov 2015 with Nobivac Lepto 2, St	Staffordshire	16.6 Joint supplement (unauthorised VP) -	N - Unlikely	Agree with MAH assessment.
		Kingdom									Known, CBR-GBR - West-Bar-Bar-Bar-Bar-Bar-Bar-Bar-Bar-Bar-Bar			Nobbac Kc and Nobbac F (ELU as given with KC), no batch numbers given, on 11 Oct 2016 with In Nobbac EHP, Nobbac Etp 40, Nobbac Care, and on 8 Nov 2016 with Nobbac Etp 61. The dog is on Parlade V and vamove for osteoarthritis, Predissionles Fing for allergic skin disease and Thyforon 250mg for hypothysidisc. In o 16 Aug 2017, he was collapsed, with pale mucous membranes and a heart rate of 150 beats per mutuc, a temperature of 3.4 ct and intrevenous fluids, Syndor, Zantac, Empring and Metronidazole were started. His PCV was 51%. Later that morning he had laboured breathing and Carcily lung sounds on aucutation. The dog died not 16 Aug 2017, he wet has performed a Post Mortem and sent samples away. Case Open. Follow up 25 Aug 2017 - Interim post mortem report recess that the dog was negative for parkney vision. A propriet and post of the post of t	Terrier	NANNANA 24 Unknown Unknown 1 Ammal (11/10/2016- N/A/SBBSBR-Nobbac DIP - N/A/NA/ 24, m1 1 Ammal (11/10/2016- 11/		
NOBIVAC L4	GBR-MERCKM5D-2017-UK-04376	United Kingdom	Animal	Canine/dog	3.1 Year(s)	17/12/2015	16/08/2017	1 1	0	15/08/2017	Not Known,
 > Yes, <b< td=""><td>Loose stool, ack of efficacy [ganovirus], Derceased drinking Increased packed cell volume [PCV_Derkytation_Elevated temperature_Depression_Lethargy (see also Central nervous system depression in "Neurological"], Retching</td><td>Not Known</td><td>Suspected Lack of Expected Efficacy / Suspected Adverse Reaction Dog was vaccinated on 20th Jan O 2214 with Noblaw, Circ (Do batch numbers), on 18 Dec 2014 with Noblaw CIPR Noblaw L2 and Mobiaws KC (in batch numbers given), on 17 Dec 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws L</td><td>Crossbred</td><td>4.3 Greecto 112.5 mg Chewalde Tablets for Days -112.5.1.12 Weeks, 3.112.5 mg 12 Weeks 1 Animal 198 Morbh (5) 707/7012.7 Vilva(1985-188-88-Milleman) Chewalter Tablets for Days -3.5 M/A M/A, 3.5 mg Linkmown 1 Animal 197/7017-017-7 Vilva(7) 2017-688-088-Noblow C HP JAN/A/A (3.10 ml Unknown 1 Animal 197/17/2017-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 187/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 188/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 188/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 JAN/A/A (3.10 ml U</td><td>No assessment performed</td><td></td></b<></br 	Loose stool, ack of efficacy [ganovirus], Derceased drinking Increased packed cell volume [PCV_Derkytation_Elevated temperature_Depression_Lethargy (see also Central nervous system depression in "Neurological"], Retching	Not Known	Suspected Lack of Expected Efficacy / Suspected Adverse Reaction Dog was vaccinated on 20th Jan O 2214 with Noblaw, Circ (Do batch numbers), on 18 Dec 2014 with Noblaw CIPR Noblaw L2 and Mobiaws KC (in batch numbers given), on 17 Dec 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws (K., on 15 Jan 2015 with Noblaws L4 and Noblaws L	Crossbred	4.3 Greecto 112.5 mg Chewalde Tablets for Days -112.5.1.12 Weeks, 3.112.5 mg 12 Weeks 1 Animal 198 Morbh (5) 707/7012.7 Vilva(1985-188-88-Milleman) Chewalter Tablets for Days -3.5 M/A M/A, 3.5 mg Linkmown 1 Animal 197/7017-017-7 Vilva(7) 2017-688-088-Noblow C HP JAN/A/A (3.10 ml Unknown 1 Animal 197/17/2017-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 187/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 188/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 Animal 188/12/2014- 187/12/2014-1888-088-Noblow C LP JAN/A/A (3.10 ml Unknown 1 JAN/A/A (3.10 ml U	No assessment performed	
NOBIVAC L4	GBR-MERCKM5D-2017-UK-04408	United Kingdom	Animal		10.5 Year(s)	09/08/2017	17/10/2017	1 1			Yes	Death by euthanasia, Lack of efficacy	No Data	L4 and no abnormalities were found on examination, On 14 Aug 2017, owner reported the dog was off colorur and somited up water at lunch time. Also produced some yellow durinches and was slightly mucousy. The dog was presented and had eaten and had a slightly tender cranial abdomer, treated with Omerparale, Prob and and Cerenial specificon. That evening the dog started eating again but stopped on 16 Aug 2017, On 16 Aug 2017, dog hadn't urinated or drank anything and was drooling excessively. Admitted and was given interacous fluid therapy and blood tests performed: Total protein 78 (50-72), creatinne 485 (50-124), Cholesterol 5.5 (2.8-8.3), Giucovo 8.2 (2.0-6.3), Potossium 5.8 (3.6-5.6), Neurophis 3.4 (3.6-12.0), pumbocytes 6.0 (6.9-6). Given Vetergeise, Zantac, Betamos L4 injection and Cerenia. Later the dog was flat, lethange and breathing began to be labourund. The dog was given origine therapy is looked slightly opinatic. On abdominal radiograph observed hepstomegaly and on unitre sample- resul parameters were off scale and a leptosproods antibody test was used and was positive. Ong started symptomist treatment that included amoscillant The dog the developed foul immitting durinous and originating insightly. The owners upped to selected originally in error - changed to Mobbook 1.4 at this was the succion that the dog received. Follow up 17 Oct 2017 - No further information received. Case closed.	Cairn Terrier	9.2 Noblex L4 Suspension for Injection for Dogs : JNA/NA/ 2.4 mt 1 Animal (96/08/2017 - 09/08/2017) < BR>	O1 - Inconclusive	Testing carried out has not provided confirmation of Leptosproisi firefolion. Product involvement in lack of efficacy is inconclusive.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04424	United Kingdom	Animal	Canine/dog	7.5 Year(s)	06/07/2017	17/08/2017	1 1	0	06/07/2017	Not Known,
 Not Known</br 	Elevated lipase, Elevated SAP, Elevated temperature, Respiratory distress, Cyanosis	Not Known	Suspected adverse reaction. The dog was vaccinated on 6th July 2017 with Nobiva CIPF and Nobiv	Schnauzer	8.3 Nobivac DHP - 1,N/A,N/A,24,1 ml 1 Animal (06/07/2017- 06/07/2017):BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 ml 1 Animal (06/07/2017-06/07/2017) 	B - Possible	Close temporal association and possible hypersensitivity reaction.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04425	United Kingdom	Animal	Canine/dog	3 Year(s)	15/07/2017	17/08/2017	1 1	1	12/08/2017	Yes, BR> <br< br=""> <</br<>	membrane,Retching,Not	Other	Suspected Adverse Reaction. Dog has two ongoing conditions (prior to vaccination): a gade two heart lat murmar and discorage patella. On 151 ut 2017, dog vaccinated with Nobioso DEPP and Nobiosa Ld (not given at room temperature – extra label use), clinically well at time of vaccination and no other products given. On 12 and 2017, dog vaccinated with second dose of Nobiosa LG for given at room temperature – extra label use), and Nobioso Pia and no other treatment given. The dog was off colour and leithangic since outcome to the day 2017, developed behavgs, not wanting to go for a wall, not eating, not dinking, coughing and recthed once. On examination, heart murmur worse than grade two, panting, pale mucous membranes, heart rate 150 bets per minutes and capillary refill time seconds. The chest had a auscultation and had no crackles but was raspy—given an anti-inflammatory and frusemide. On TAg 2017, the owner phonde the vectoring reactice to say the dog had died overright. A post mortem to be performed and awalt further information.	lack Russell Terrier	Al Noblace CHPPA, Lyophillisate for Suppension for Injection for Dorgs- 1.N/AN/A, 3.0.1 ml 1 Animal 15/07/2017-15/07/2017-68R-SBR-Noblace L4 Suppension for Injection for Dogs- 1.N/AN/A, 3.0.1 ml 1 Animal; 2 doses 4 week spart (15/07/2017- 12/08/2017)-68R-SBR-Noblace Pi, Lyophillisate and Solvent for Suppension for Injection for Dogs- 1.N/AN/A, 3.0.1 ml 1 Animal (12/08/2017-18/08/2017)-68R-SBR-NBR-SBR-	B - Possible	agree with MAH assessment - await more information

NOBIVAC L4	GBR-MERCXMSD-2017-UK-04432 GBR-MERCXMSD-2017-UK-04443	United Kingdom	Animal	Canine/dog	3 Month(s) 5 Year(s)	16/08/2017	02/09/2017	1	1 0	28/01/2017	> Yes, <b< th=""><th>Haemorrhagic gastroenteritis, Diarrhoea, Vomiting, Anaphylaxis, Reduced globulins, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Elevated SAP, Elevated ALT, Hypoproteinamia, Abnormal test result, Elevated globulins</th><th>Not Known</th><th>Suspected adverse reaction. The dog was vaccinated on 17 July 2017 with Nobivac DHP and L4. No reaction occurred. Then on 16 July 2017 the dog was vaccinated with Nobivac DHP and L4. No reaction occurred. Then on 18 July 2017 the dog was vaccinated with Nobivac DHP. L4 and K2 and was clinically well at the time but did have a slight ocular discharge from one eye (unknown which). The dog also had Advocate applied at the same time. Then on 17 July the dog was normal then went to pupply class and then that night sudedive (loalpead and was somiting and had mucroil discribles. She was admitted and placed on intravenous fluids. Bloods taken showed TP 48[54-82] Glob 18 [2-52] ALT 1683 [10:11.8] XEZ 112[0-15.9] Globus saledy had been showed to the special power of the special power o</th><th>Spaniel English Cocker Spaniel</th><th>16</th><th>Advocate Spot-on Solution for Medium Dogs - 1,N/A/N/A_24,1 Dose 1 Animal [16/08/2017-16/08/2016-16/</th><th>B - Possible O - Urclassiflable/unassessa</th><th>Product involvement is possible. Four products administered. Very long time lag between product use and diagnosis, however vaccines can potentially be one of the triggers for this medical condition. Very limited information supplied so full assessment is not possible.</th></b<>	Haemorrhagic gastroenteritis, Diarrhoea, Vomiting, Anaphylaxis, Reduced globulins, Collapse (see also 'Cardio-vascular' and 'Systemic disorders'), Elevated SAP, Elevated ALT, Hypoproteinamia, Abnormal test result, Elevated globulins	Not Known	Suspected adverse reaction. The dog was vaccinated on 17 July 2017 with Nobivac DHP and L4. No reaction occurred. Then on 16 July 2017 the dog was vaccinated with Nobivac DHP and L4. No reaction occurred. Then on 18 July 2017 the dog was vaccinated with Nobivac DHP. L4 and K2 and was clinically well at the time but did have a slight ocular discharge from one eye (unknown which). The dog also had Advocate applied at the same time. Then on 17 July the dog was normal then went to pupply class and then that night sudedive (loalpead and was somiting and had mucroil discribles. She was admitted and placed on intravenous fluids. Bloods taken showed TP 48[54-82] Glob 18 [2-52] ALT 1683 [10:11.8] XEZ 112[0-15.9] Globus saledy had been showed to the special power of the special power o	Spaniel English Cocker Spaniel	16	Advocate Spot-on Solution for Medium Dogs - 1,N/A/N/A_24,1 Dose 1 Animal [16/08/2017-16/08/2016-16/	B - Possible O - Urclassiflable/unassessa	Product involvement is possible. Four products administered. Very long time lag between product use and diagnosis, however vaccines can potentially be one of the triggers for this medical condition. Very limited information supplied so full assessment is not possible.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04478	United Kingdom	Animal	Canine/dog	11 Week(s)	14/08/2017	21/08/2017	1	1 0	14/08/2017	Yes, <b R> Not Known</b 	Injection site lump, injection site abscess, Diarrhoea, Vorniting, Lethar gy (see also Central nervous system depression in 'Neurological'), Off colour, Pyrexia	Not Known	Suspected Adverse Reaction. On 14 Aug 2017, puppy vaccinated with Nobivac DHP and Nobivac L4, clinically well at the time of vaccination. Approximately 3 hours later, puppy developed vomiting twice and passed diarrhoes. Presented and had good capillary refill time but was a little quiet - no treatment given. On 15 Aug 2017, owner noticed as mail peas sized furnary at nigeticnistics. Puppy was still lethragic and quiet. No vomiting and diarrhoes has continued. On 18 Aug 2017, owner presented puppy to a different veterinary practice (not reporting vets) as it was closed. A swelling and developed over the	t		Suspension for Injection for Dogs- 1,N/A/N/A, 24,1 mt 1 Animal (19/08/2016-19/08/2016)<8R>-<8R>- Nobivac DHP - 1,N/A,N/A, 24,1 ml 1 Animal (14/08/2017-8 14/08/2017-8 1,N/A,N/A, 24,1 ml 1 Animal (14/08/2017-14/08/2017-18R>-<8R>- 1,N/A,N/A, 24,1 ml 1 Animal	B - Possible	Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04481	United	Animal	Canine/dog	7.1 Year(s)	25/07/2017	22/08/2017	1	1 1	14/08/2017		Elevated temperature,Lethargy (see	Not	puppy's shoulders and on examination had a temperature 40.6 degrees. Celsius. Given non-steroid ant inflummatories, antibiotics and intravenous fluid therap, Yn Le hung was later found to be an abscess and was lanced and drained. The puppy went to emergency practice overnight on intravenous fluid therapy. On 31 Aug 2017, puppy was sent back to reporting vest and was discharged with antibiotics and non-steroidal anti-inflammatories. On 21 Aug 2017, the puppy was back to normal and all clinical signs resolved. No further information expected. Suspected Adverse Reaction On 25 Jul 2017, dog vascinated with booster of Nobivac DHP, Nobivac L4	Labrador	45	Nobivac DHP - 1,N/A,N/A, 24,1 ml 1	0-	NCA agrees with the MAH assessment.
		Kingdom									BR> Not Known	also Central nervous system depression in Neurological'), hind inha tataki "Mucosa petechiae, Braisian, Limping Palpable mass NOS, Lipoma, Bloody foam in mouth and nose, Low platelet count, Hypersalivation, Oral haemorrhage, Yomiting, Blood in vomit, Collapse, Eee also Cardiovascular' and Systemic disorders'), Parting, Death by euthanasia, Weight loss	Known	and Noblava KC, fit and well with no other product; given. On 14 Aug 2017, dog started vomiting and bleeding gums. On 17 Aug 2017, presented with vomiting blood and had a temperature 39.3 diegrees Celluis - given Cerenia, Zantica and Antepsin. The dog is reported to get very stressed at vets. On 18 Au 2017, dog was bright but more blood in bleeding and bruises appeared on abdomen and blood sample taken. Patietiest 45 (2005-003) and clotting time was normal. Another sample test and sent to the lastoratory plateties 25 (2005-000). In 3 Aug 2017, dog collapset, vobolly on their legs, weight loss, temperature 39.3 diegrees Celluis, Imprig and more brusing on the abdomen, fore leg and gams. The energency practice. Bood retar performed plateties 15 (2005-00) and overeight the dog was lethargic attack, pasting and had a pre-exiting lipoma that had grown overright. The dog was hypersallosting with blood tinged shall and collapsing. The dog was suchamased early hours of 20 Aug 2017, the dog is being cremated and no post mortem performed. No further information expected.			Animal [25/07/2017- 25/07/2017-88-B8-Noblwac KC- 4,1M/A, 10.0.4 ml 1 Animal [25/07/2017-25/07/2017-88-Noblwac L4 Suspension for injection for Dogs - 1,M/A/M, 2.4. ml 1 Animal [25/07/2017-25/07/2017)+8R- <br-< td=""><td>Unclassifiable/unassessa ble</td><td></td></br-<>	Unclassifiable/unassessa ble	
NOBIVAC L4	GBR-MERCXMSD-2017-UK-04515	United Kingdom	Animal	Canine/dog	2.3 Year(s)	20/07/2017	02/08/2017	1	1 0		R> Yes,	Cough, Decreased appetite, Cyanosis, Lethargy (see also Central nervous system depression in Neurological'), Elevated temperature, Increased lung sounds, Stomach upset, Breathing difficulty	No Data	Suspected Adverse Reaction. On 20th Jul 2017, day was vaccinated with Nobbac KC and Nobbac L4 and was reported as clinically well at the time of vaccination, ablet the dog is porce to diarnhose and struggles to gain weight. On 26th Jul 2017, wet reported the dog as of the refood and lethargic for the past 2 days (stratified 24th Jul 2017), and on presentation her temperature was 39 Ex- Per ches that was not on auscultation and she had a mucousy, non productive cough, and was reported as cyanotic and struggling to breath when first presented. She was started on Romaxan. On Adu 2017 she was changed to Noroclav as she was reported to have an upset stomach. She was reported as improving. No further information expected.	Whippet		Nobbac KC - 4,N/A,N/A,10,0.4 ml 1 Amina (20/07/2017)-8R9-8R9-Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N,2.4 ml 1 Animal (20/07/2017- 20/07/2017-8R9-8R9-Ronaxan 100 mg Tablet - N/A,N/A,N/A 2,4,Unknown doss, treatment start date 26/07/12,1 *Useek(s) N/A- WAK-RBS-4R89	N - Unlikely	Agree with assessment of MAH.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04545	United Kingdom	Animal	Canine/dog	2 Month(s)	24/08/2017	24/08/2017	1	1 0	24/08/2017	Not Known	Vocalisation,Tachycardia,Hypersen sitivity NOS,Tachypnoea,Restlessness,Pyre xia,Discomfort NOS,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Suspected adverse reaction Vaccinated on 2A Aug 2017 with a second Mobiva L4 (dates of first vaccine are unknown). The day use clinically well at the time of vaccination. As soon as the day east taken home it started vocalising and being unsettled and was reluctant to let any one touch her. 3 hours later they took her back to the practice, she was lethangic, had he head down and was pyread 32. and tachycarica 2D beats per min and had a respiratory ate ol 280. They gave intravenous Chloropheramine and the clinical signs improved, she started eating and was normal again. She went home later that day recovered No more information recovers.	Toy Poodle	1.44	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (24/08/2017- 24/08/2017) 	A - Probable	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04620	United Kingdom	Animal	Canine/dog	9 Week(s)	02/08/2017	30/08/2017	1	1 0	23/08/2017	Yes, <b R> Not Known</b 		Not Known	Supperted Alverse Reaction On 2. Aug. 2017, do us excinated with Nobiusc DHP and Nobiusc 14, cinically well at Ind or vaccination. On 23 Aug. 2017, owner taken puppy to mergency practice as she had a few small setures. The dog was put on intravenous fluid therapy but no other treatment given. On 24 Aug. 2017, dog transferred from emergency partice on intravenous fluid therapy and given antibiotics and steroids as was showing neurological signs (unspecified). On 25 Aug. 2017, the owner had puppy discharged as could not afford further treatment and continued steroids and antibiotics. On 29 Aug. 2017, puppy doing much better, playing at home however does appear vacant. Not further information expected.	English Cocker Spaniel	2.8	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (02/08/2017- 02/08/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (02/08/2017- 02/08/2017)-BR> 	O - Unclassifiable/unassessa ble	NCA agrees with the MAH assessment.

NOBIVAC LA	GBR-MERCIMASD-2017-UK-04702	United Kingdom	Animal	Canine/dog	6 Month(s)	20/03/2012	31/10/2017	1	1 1	28/06/2017	Yes,GBP-GBP-GB P-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GBP-GB	lung sounds.Hyponatremis, Reduces globulins.Hypochroamenia, nietom site swelling.Anaemia NOS.Lymphadenopathy.Haemorrha ge NOS.Constipation,Conjunctivitis,He patopathy.Recumbency,Tachypone a,Nasal discharge Skin iesion NOS.Death.Decreased appetite_Lethang (see also Central appetite_Lethang) (see also Central appetite_Lethang) (see also Central operation). The constitution of the control of the	No Data	Saspected adverse reaction and lack of efficacy. Vascinated on 1 March 2017 with Nobbac DHPPI and Lepto 2 was Cincilarly well at the time of vaccination. Pugo well to a new home and was succinated at another practice with Nobbac vaccine but unknown what vaccine and dates are unknown. Then on 28 Jun 2017 to Secure heltange with Increased respiratory rate and reduced applicit, temperature 40. Linky 1818 to 1810. Conjunctivities and a discharge from It's nose, with noisy lungs. They treated with non steroidal and and antibiotics and eye drops and care large production 30 Jun 2017 Was still not right so given non steroidal and antibiotics. Injust 2017 developed a large weeking on her right right so given non steroidal and antibiotics. Injust 2017 developed a large weeking on her right register. In the second of the secon	Crossbred	18	Antibiotic Unidentified MANIANIAN ZA Juhninoum Not applicable 1 Animal (4 Dayls) 28/06/2017	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCXMSD-2017-UK-04714	United Kingdom	Animal			29/08/2017	27/10/2017	1	1 0	29/08/2017	Known, Known, KR>-GR>-GR>-Not Known, Known, Known, KR>-GR>-RNO Known, KR>-GR>-Not Known, 		Not Known	Suspected Lack of Expected Efficacy / Suspected Adverse Reaction Dog reported to have been vaccinated in Feb 2016 and Feb 2017, unknown vaccine brand and fetals of vaccine not given. On 29 Aug 2017, dog vaccinated with Nobiwac DHPPI and Nobiwac L4 at 9.45 am. A Brawetco 112.5 mg tablet and Milbemax 25 mg tablets (non company product) were dispensed, but it is indiviously fiftee were given, loga and breed of dog inconsistent with size of Brawetco dispensed for bodyweight. Seven and a half hours later the dog presented with haseomrhaige gathernethrists and was hospitalised and given intravenous fluids. Bloods showed PCV 57.9% [27-25], platelets 134 (200-500), however on a blood intravenous fluids. Bloods showed PCV 57.9% [27-25], platelets 134 (200-500), however on a blood interaction structure. The production of the produ	Crossbred	Not Known	Brawecto 112.5 mg (Dewable Tablets for Dogs - 11.5.5 M/AM/A 3.11.5. mg Unknown 1 Animal (29/08/2017 - 29/08/2017)-RRN-BR-Millbeam 2019/08/2017 - 29	B - Possible	Time association between onset of clinical signs and product administration of sole (7.5 horses). SAR Vomiting and distribucia can be due to a hypersensibility rescult on the product, therefore product involvement is possible for the SAR. Two vaccines administrated AGNN 8 SLEE filts product does not induce protective Antibodies for CPV, therefore efficacy cannot be measured or espected. ABON N
NOBIVAC L4	GBR-MERCXMSD-2017-UK-04731	United Kingdom	Animal	Canine/dog	4 Month(s)	31/08/2017	01/09/2017	1	1 0	01/09/2017	Yes, <br≻-gr≻-gr- R×-GR>-Yes</br≻-gr≻-gr- 	Abnomal test result, Tense addomen, Deressed red blood cell court, Decreased packed cell volume (PCV, Didl.) Increased lung sounds, Anaemia NOS, Thrombocytopenia, Tachycardi a, Pale mucous membrane, Diarrhoea, Unable to stand, Increased respiratory trate, Lettargy (see also Central nervous system degression in Paurological). Weeken less, Syroxia, Laboured breathing, Not eating, Dry mucous membrane.	No Data	Suspected Adverse Reaction On 3 Aug 2017, dog was succinated with Noblace CHP and Noblace LA, was fit and well at the time of vaccination, on 13 Aug 2017, dog was vaccinated with Noblace LA and was fit and well at the time of vaccination, on 13 Aug 2017, dog was vaccinated with Noblace L4 and was filinal well at the time of vaccination, no other medication was given. On 15 Ep 2017, vet reported dog as lethargic, unwell, unable to stand, weak, not eating, a temperature of 40.2 C, heart rate of 140 beats per minute and tack pursus membranes. On blood tests bischenistry and electrolytes are reported as normal (results not given). On haematology, PCV 22.7% [62-55], MCV 9.8 (60.77), platelet count 19 (1275-50) and 86 C2.3 (47-8.5). Dog was started on intravenous fluids. Later that day vet reported the pup as having crackles on his lung, an increased respiratory rate and isboured respiration, so the intravenous fluids were stopped. No further information expected. Follow up 8 Sep 2017 - On 1.5 ep 2017, dog was referred. Referral wet reported dog as weak and lethargic, heart rate 160 beats per minute, normal mucus membranes and normal floraciac association with a respiratory rate of 28 beats his per minute. Temperature was 40.4 degrees C and dog had diarrhoea. A respect PCV was 35 is (reported at in the normal reference rangel.). A Parviorium samps test was negative D and the stream of	Staffordshire Bull Terrier	9	Noblac DHP - 1.1/(AN/A, 0.1. ml Unknown 1.4 minut (1708/2017- 17/08/2017-18R-Noblac L4 Suspension for Injection for Dog - 1,N/A,N/A, 1.0.1 ml Unknown 1 Aminut (310/8027- 31/08/2017)-8R>-6R>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04747	United Kingdom	Animal	Canine/dog	7 Year(s)	31/08/2017	05/03/2018		1 0	01/09/2017	Yes	Robjathris, Immune mediated thrombocyopenia, Anormal trumbacyopenia, Anormal radiograph finding, Decreased red blood cell count, fillinubhuria, Decreased new blood cell count, fillinubhuria, Decreased new blood cell volume (PCV), Elevated ell volume (PCV), Elevate	No Data	Sapected adverse reaction. Dog arrived from Turkey on 30 M 2017. His been previously inscribed with an unspecified DPI- jeeps and fashes secretation. No problems reported Victoriated with Nobbea Lt on 31 Mag 2017. Signs of pyraxis, jethney, macke pain and tameness in 3 legs noted on the 15ep 2017 and prevented to wet to inthe 4 Sept 2017 collegate and unable to walk. Vets admitted. 15ep 2017 and prevented to wet to inthe 4 Sept 2017 collegate and unable to walk. Vets admitted, taken bloods and placed on In Yalads. Blood results as follows. No reference ranges provided, Mild elevation in Globuls, Sightly Low Lympoche and RIBE. Further information is expected. Follow up 15 Sep 2017. Vet reported that the dog developed severe thrombocytoparies and namenia with hyperglobulinaremia leacht atten or typer-and was started on immunosuppressive doses of steroids and he responded well to treatment and was sent home on 11 Sep 2017. Dog underwert blood tests for tyme disease, Baseisa, Leithmania and Combets test which were all negative. Joint taps were negative on culture and sensitivity and for Borrelia, results showed an inflammatory picture only. Xaya of the joints showed pion efficience and Combets test which were all negative. Joint taps were negative on culture and sensitivity and for Borrelia, results showed an inflammatory picture only. Xaya of the joints showed pion efficience and acceptance. Follow up 20 Nov 2017. Results state Babesia, Declammation expected. Follow up 20 Nov 2017. Results state Babesia, Borrelia and testimania PCR negative. Lyme disease negative. Blood results from taken 5 Sep 2017; Not blood cells, Haemoglobin and PCV normal. However MCV 73. 5(65-75) MCHC 30 (31-35) and plateted to EQU-500-500. No further information expected. Follow up 20 Nov 2017 - Results state Babesia, Borrelia and testimania PCR negative. Lyme disease negative. Blood results from taken 5 Sep 2017; red blood cells, Haemoglobin and PCV normal. However MCV 73. 5(65-75) MCHC 30 (31-35) and plateted to EQU-500-500. No further in	Golden Retriever	Not Known	Noblact L4 Supervisor for injection for Togs - 1,3M,4M/, 2o.1 Does Not applicable 1 Animal (31/08/2017-31/08/2	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-04751	United Kingdom	Animal		9.5 Year(s)	11/08/2017	05/12/2017	1 1	1 02/09/	Known,cBR>cBR > cBR>cBR>	euthansis Jnappetence, Lethargy (see also Certal nervous system depression in 'Neurological'). Dehydration, Protein uria JAematuria, Hyperphosphatae mia, Elevated Bulk, Elevated bila cids, Elevated total billrubin, Elevated total billrubin, Elevated total billrubin, Elevated at T.E. Elevated billrubin, Elevated at Saphypera Bulkminsem (Elevated at Castal Bulkminsem (Elevated at Castal Bulkminsem (Elevated at Castal Bulkminsem (Elevated Castal Bul	Not Known	Suspected adverse reaction Vaccinated on 7 July 2017 with Noblwac DHP and L4, was clinically well at the time of vaccination. Then on 11 Aug 2017 had a Noblwac L4, was clinically well at the time. Then on 4 sept the day was seen had been vorming since 2 and 3 desp, but no districtione, on the eating of official and the day is juricial. It is a substantial of the second of the s	5	9	Unknown 1 Animal (07/07/2017- 07/07/2017-BR-NebNebyet L4 Suspension for Injection for Dogs - 1,N/N/A/, 0.10 Unknown 1 Animal (11/08/2017- 11/08/2017)-BR> 	O1 - Inconclusive	Two products used two months prior to onset of clinical signs and then second dose of Noblave. L4 given a week self-or onset of clinical signs, Negative Lepto PCR indicates Leptosprosis is unitiedly to be the Lepto PCR indicates Leptosprosis is unitedly to be the Lepto PCR indicates Leptosprosis is unitedly to be the Lepto PCR indicates Leptosprosis is unitedly to the CR indicates Leptosprosis in united to the DCR
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04836	United Kingdom	Animal	Canine/dog	6 Year(s)	05/09/2017	07/09/2017	1 1	0 05/09/2	117 Yes, RX-BRX-BRX-Yes, -BRX-Yes, BRX-BRX-Yes	Swelling around eye,Urticaria,Facial swelling (see also "Skin")	No Data	Suspected adverse reaction. On the 5 Sept 2017, dog vaccinated with Noblava CHP, Noblava L1 and Noblava CK. Clinically well at the time. Whith 2.5 hours of vaccination, dog was nached to out of hour surgery due to severe facial swelling, peri-orbital swelling and bumps all over the body. Treated with Putton and cold therapy. The following day the dog was fine. No more information is expected.	English Cocker s Spaniel	26	Nobivac DHP - 1.N/A.N/A. 24,1 Dose 1.Animal (05/09/2017- 05/09/2017)-BR>-BR>Nobivac KC - 1.N/A.N/A. 24,1 Dose 1.Animal (05/09/2017-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A. 24,1 Dose 1.Animal (05/09/2017-05/09/2017)-BR>-BR>	B - Possible	Agree with MAH assessment. Three products used.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04875	United Kingdom	Animal	Canine/dog	3 Year(s)	09/08/2017	20/12/2017	3 3	0 09/08/2	Not Known,
 </br 	Seizure NGS-falling Mucies spasm NGS-fascidualiton, Localised pain NGS fasce other 'SOCs' for specific pain/Abnormal posture NGS-Giazed eye.Rigidity.stiffness NGS, Tremory Walking difficulty, Dull, Neck writhing	Not Known	sapected Adverse Reaction Doe has had Nobbac DPP accinations in the past, but not Nobbac L4, in details given. On 8 yay 2017, dog was recinated with Nobbac DPP and Nobbac L6, indeeding single and room temperature), no other products were administered and the dog was reported as fir and well at the time of vaccination. The owner reported that a coughe of hours late (2 hours) that the dogs eyes glazed over, he was tremoning, he crouched to the ground and fell over. The vet reported the dog as being uncomfortable when waiting and three was no next again present. No trainment given at this time. On 10 Aug 2017, vet reported the dogs to be tender over his neck, but no swelling, dog was restered with Metacam. On 11 Aug 2017, dog was reported as improved, vet manipulated the dogs neck without pain, dog continued Metacam. Later that day least time not given) the owner reported to the vet that the dogs had enabled an episode similar to the one gost vaccination of 3 Aug 2017. Await Case. Follow up 20 Dec 2017. Dog was vecinated with Nobbac CB of 3 Aug 2017. Await Case. Tollow up 20 Dec 2017. Dog was vecinated with Nobbac CB of 3 Aug 2017. Await Case. Tollow up 20 Dec 2017. Dog was vecinated with Nobbac CB of 3 Aug 2017. Await concurred. On 17 Aug 2017, owner reported that the dog had a stiff neck type episode that is tasted 20 munitus. Vet reported dog was stretching his neck and had muscle fasciculations. On 18 Aug 2017, ver reported episodes of neck rigidity and stiffness with muscle fasciculations. On 18 Aug 2017 was sommal and the vace reported that the dog had a stiff neck An eurological examination was normal and the vace reported that the dog had a stiff neck An eurological examination was sommal and the vace reported that the dog had a stiff neck An eurological examination was normal and the vace reported that the dog had a stiff neck An eurological examination was sommal and the vace reported that the vetween episodes the dog was behaving normally. There was no swelling or pain in the neck area at that time. Vet	\$ C 2	12	Epiphen unidentified: 301,12 HUUR, 30,000 [12] FUNUTS A Animal Treatment Start Date 18/08/17 (N/A- N/A)/RB7-aBR-Nettearm unidentified: 3.N/A,N/A,24,1 Dose Uninnown 1 Animal Treatment Start Date 10/08/17 (N/A- N/A)-BBaBR-Nobusa Chip - 3.N/A,N/A, 10,3 mil Uninnown 1 Animal (09/08/2017- 09/08/2017) [16] FUNUTS ANIMAL OF THE PROPERTY	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04876	United Kingdom	Animal	Canine/dog	1.3 Year(s)	02/08/2017	18/10/2017	1 1	0 09/08/2	117 Yes, ARRBRCR R~BR>-BR-YES, GRRGRRGRP BRBRBRBR Not Known, GRRBR Not Known, GRRBR Not Known, GRRBR Not Known	pain), Elevated temperature, Stiffness	Not Known	Saspected Adverse Reaction On 5 Jul 2017, day executated with Nobine CL PIPP and first dose of Nobine CL Action Well at time of execution On 2 Aug 2017, day executated with second dose of Nobine CL 4 and Nobine CL Clinically well at the time of these vaccinations. On 8 Aug 2017, day executed of Nobine CL 4 and Nobine CL Clinically well at the time of these vaccinations. On 9 Aug 2017, day experted as developed stiffness in sight hind and was giber cargorden. On 10 Aug 2017, day exhibited for radiographs; no abnormalities were observed and was discharged with Tramadol. On 14 Aug 2017, day gresented back to practice with an elevated temperature 10.31 degrees Fainthenbell, exc post and reduced appetite. A CSF tap performed and results showed moderate neutrophilic cytosis and a culture and sensitivity culture taken. On 15 Aug 2017, given supporting, synulor, Randisten and Norockut. The laboratory results state: Modrate neutrophilic plectyrois and stanet steroids for Mennigitis and hospitalized on intraversous fluid therapy. On 16 Aug 2017, given Experience of the Section of Section 10 Aug 2017, given Experience of the Section 10 Aug 2017, given Experience 10 Aug 2017, given Ex	Crossbred		Nabiwa CHPPI, Lyophilisate for Supension for Injection for Dogs- LN/RA/A, 10.1 ml Not applicable 1 Animal (95/07/2017-08/07/2017-0	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04902	United Kingdom	Animal	Canine/dog	5.6 Month(s)	26/08/2017	12/09/2017	1 1	0 12/09/:	Known,
 Yes, <b< td=""><td>NOS, Hyperglycaemia, Loss of bowel</td><td>Not Known</td><td>Suspected Adverse Reaction On 26 Aug 2017, dog vaccinated with Nobboac KC and Nobboac LG, clinically well at time of vaccination however dog was receiving an unknown non-steroidal and inflammatories for an unknown condition, On 12 Sep 2017, dog had a seture in the monning, passed facecs and foaming seen convolsing lasted a few minutes. Alterwards seemed restless and va- presented and had but integed guns, heart rate 140 and bod cetts performed: glucose 7.4 (2-6.3). The dog was discharged for monitoring. No further information expected.</td><td>English Cocker Spaniel</td><td></td><td>NSAID unidentified - N/A,N/A,N/A, 24,Jrknown 1 Animal (01/01/2017). 24,01/Animown 1 Animal (01/01/2017). 24,01/A,N/A, 10,0.3 ml 1 Animal (26/08/2017)-8R->Rh>Nobivac K - A,N/A,N/A, 10,0.3 ml 1 Animal (26/08/2017)-8R->BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-B</td><td>O - Unclassifiable/unassessa ble</td><td>Insufficient information to exclude other possible Causes of setures and weak temporal association in this case. Three products used.</td></b<></br 	NOS, Hyperglycaemia, Loss of bowel	Not Known	Suspected Adverse Reaction On 26 Aug 2017, dog vaccinated with Nobboac KC and Nobboac LG, clinically well at time of vaccination however dog was receiving an unknown non-steroidal and inflammatories for an unknown condition, On 12 Sep 2017, dog had a seture in the monning, passed facecs and foaming seen convolsing lasted a few minutes. Alterwards seemed restless and va- presented and had but integed guns, heart rate 140 and bod cetts performed: glucose 7.4 (2-6.3). The dog was discharged for monitoring. No further information expected.	English Cocker Spaniel		NSAID unidentified - N/A,N/A,N/A, 24,Jrknown 1 Animal (01/01/2017). 24,01/Animown 1 Animal (01/01/2017). 24,01/A,N/A, 10,0.3 ml 1 Animal (26/08/2017)-8R->Rh>Nobivac K - A,N/A,N/A, 10,0.3 ml 1 Animal (26/08/2017)-8R->BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-B	O - Unclassifiable/unassessa ble	Insufficient information to exclude other possible Causes of setures and weak temporal association in this case. Three products used.

NORIVAC 14		I	1								Lacra de la companya	I		T		L		
	GBR-MERCIXMSD-2017-UK-04914	United Kingdom	Armital		1.3 Year(s)	12/09/2017	27/09/2017	1 1	0 12/09/2017	Yes,cBR>cBR>cB R>cBR>cBR>Not Known	Fiatulence, Vomiting, Emesis, Anaphy assis, Collapse fee also 'Cardio- vascular' and 'Systemic disorders'), Tabling, Inaspetence, Cyanosis, Leh hargy (see also Central nervous system depression in 'Neurological'), Ahonormal stool colouration, Tachypnoea	Not Known	Suspected Adverse Reaction On 12 Sep 2017, of go was vaccinated with Noblava CHP and Noblava L (unknown if given at room temperature) and was reported as if rail well at the time of vaccination. This was the first injection of the primary vaccination course in this dog. Within minutes after vaccine administration the dog collapsed, went cynotic, that shallow breathing and a registratory rate of 50 breaths per minute. Dog was treated with intravenous fluids, oxygen therapy and was given chipphenamies an in-likationie. That afternoon the dog was reported as a lot brighter and dhe had a normal mucus membrane colour and was discharged back to the owner. On 13 Sep 2017, dog was reported by the owner to have been sick and to have bad a further collapsing and cynotic episode. No further information expected. Follow up 27 Sep 2017 - On 14 Sep 2017, owner reported dog as lethargic, not wanting to eat and vomiting. On 19 Sep 2017 vert reported the dog as still voniting (on 25 Sep 2017, dog continued to vormit, treated with of have up and Cerenia. On 27 Sep 2017, sectory and hometaclogy were reported as normal (results not given). Owner reports the dog to have pale stools. No further information expected.	Shih Tzu		Nobbac DIP - 1.N/A.N/A.10.1 ml Unknown 1 Animal (1/209/2017- 12/09/2017)+BRBB-Nobbac L4 Suppension for Injection for Dog - 1.N/A.N/A.10.1 ml Unknown 1 Animal (12/09/2017)+BRBR>	B - Possible	Agree with MAH assessment. Two products used.
	GBR-MERCKMSD-2017-UK-04915	United Kingdom	Animal	Canine/dog	2 Month(s)	09/09/2017	13/09/2017	1 1	0 11/09/2017	Yes, BR>KBR>Yes	Lethargy (see also Central nervous system depression in 'Neurological'),Bloody diarrhoea	No Data	Suspected Adverse Reaction on 0.9 Sep 2017, dog was vaccinated with Nobwac DHP and Nobbuc L1 with the breeder and was reported as find well at the time of vaccination. The new owner acquired the puppy on 10 Sep 2017. On 11 Sep 2017 owner reported the pupp as lethargic. On 13 Sep 2017, pup presented with signs of parovirus, bloody diarrhoea, and a normal temperature. Dog was treated with antibiotics and sent home. Vet is concerned that this may be a vaccine reaction. No further information expected.	Retriever	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (09/09/2017- 09/09/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (09/09/2017- 09/09/2017)-BR>-BR>	B - Possible	Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04917	United Kingdom	Animal	Canine/dog	3 Year(s)		13/11/2017	1 1	0 01/01/2017	Not Known	Immune mediated haemolytic anaemia	Not Known	Suspected Adverse Reaction in Apr 2017, dog vaccinated with first Nobivac L4 (no exact details given) Stated that dog developed IMMA (Immune Mediated Haemolytic Anaemia) on an unknown date post vaccination. Dog is being treated with steroids and has a normal PCV; recovering well. Await further information. Follow up 13 Nov 2017 - No further information received. Case closed.		Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (N/A-01/04/2017) 	B - Possible	Agree with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04919	United Kingdom	Animal	Canine/dog	8 Week(s)	07/09/2017	13/09/2017	1 1	1 08/09/2017	Yes, Not Known	Haemonthage NOS, Pale mucous membrane, Collagoe (see also 'Cardio-vascular' and 'Systemic disorders'), Epistasi, Discomfort NOS-hypothermia, Lethargy (see also Central nervous system depression in 'Neurological'), Weakness, Hypoglyc aemia, Sudden death	Not Known	Sappected Adverse Reaction On 7.5ep 2017, pupply vaccinated with Nobinec DIP and Nobinec Ltd. clinical well at time of vaccination. On 8.5ep 2017, breefor hought the pupply in as he was lethragic and collapsed. One samination, was very weak, pale muzous membranes, temperature \$5.0 degrees choice and blood places 1.2. Gleen subcustaneous glucces fluids, nubbed sugar solution on guns, Metacam and Syndox injection. Later that day, pupply was in significant discomfort and not showing any significant insorrowment despite fluids and given supercontribles. The dog temperature was \$7.4 signess cellulus and still pale muzous membranes. The puppy crashed, epitaxis and bringing up blood florm lungs. Intrabact, given adversalise intervenous fluid therapy and heart stopped. The puppy has not had a post mortem and opted for a cremation. No further information expected. The breeders other pupps had similar clinical signs with darnhose and was given Syndows and fully recovered. However it is not stated if that puppy was vaccinated and when the clinical signs appeared. [Reazon for use for product. Genetics DHPLV stands NoBINVAC DHP UDIOS 152.78 Beason: Vaccination [State of health; Gnotil.]	Beagle	Not Known	Nebbus CHP - 1,14/,N/A, 10,1 ml 1 Animal (07/99/2017-) 07/99/2017-07/99/2017-08-Nebbus L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (07/09/2017-07/09/2017)-68R>-68P>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04949	United Kingdom	Animal	Canine/dog	1.4 Year(s)	14/09/2017	15/09/2017	1 1	0 14/09/2017	Not Known,
 Not Known</br 	Diarrhoea, Vomiting, Hives (see also 'Skin'), Weakness, Ataxia	Not Known	Suspected adverse reaction Vaccinated on 14 Sept 2017 with Nobios DNP and 14, was clinically well at the time of vaccination. Then a hour after being vaccinated, it developed hives on its head and had weakness and staxia, also vomiting and diarrhoea. They placed her on intravenous fluids and intravenous antihistramines, she improved a lot over the next few hours and was sent home the same day, unknown if fully recovered. No more information expected.		5.4	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (14/09/2017- 14/09/2017): BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (14/09/2017- 14/09/2017-BR> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-04962	United Kingdom	Animal	Canine/dog	7 Week(s)	14/09/2017	15/09/2017	10 4	0 14/09/2017	Yes, R> Not 		Not Known	Supercted Adverse Reaction on 14 Sep 2017, a little of 10 Labrador pupples were vaccinated with firs dose of Nobbac DHP and Nobbac L4, clinically well at time of vaccination and were microchipped at the same time. Later that evening 4 pupples were taken back to the practice as were lethargic, off colour, vomiting, diarrhoes, temperature 39 degrees Celsius, heart rate 160, respiratory rate 44 and midl adbominal pain. One of the pupples was admitted for intravenous fluid therapy and anti-emetics. No further information expected.		Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (14/09/2017- 14/09/2017)-BB> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml 1 Animal (14/09/2017-14/09/2017)-BB> 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05008	United Kingdom	Animal	Canine/dog	2.4 Year(s)	13/09/2017	18/09/2017	1 1	0 13/09/2017	Not Known	Seizure NOS,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Suspected adverse reaction Vaccinated on 13 Sept 2017 with a second dose of Nobhac L4, the approximately 5 minutes later the dop wort outside and collapse and starten brings a seizure, the seizure lasted 30 minutes. She was taken back inside and placed on oxygen and 20 minutes later the hand fully recovered. She was kept in the protrict for a day them worth tome fully for reaction occurred after the first vaccine, { exact date unknown} No more information expected.	English Springer Spaniel	22.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (13/09/2017- 13/09/2017) BR> 	A - Probable	Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05047	United Kingdom	Animal	Canine/dog	7 - 7 Year(s)	18/05/2017	20/09/2017	1 1	0 19/09/2017	Yes, <b R> Yes</b 	Lameness, Depression, Pyrexia, Rege nerative anaemia, Abnormal test result, Immune mediated thrombocytopenia		Suppert Adverse Reaction: 18 May 2017, the dog was vaccinated with Nobivac DMP9 and Nobivac LA. On 19 Sep 2017, the dog presented with pyrexis, shifting lameness, and depression. Blood work showed a midl amenia. The Dog was daggoesd with immune-mediated thrombocytopaenia. Dog wa treated with steroids and fluids and improved. No more information expected.	American Cocker Spanie s		Notivac DHPPi, Lyophillisate for Suspension for Injection for Dogs - 1,N/A,N/A, J.D. Im Not applicable 1 Animal (18/05/2017- 18/05/2017- Suspension for Injection for Dogs - 1,N/A,N/A, J.D. Im Not applicable 1 Animal (18/05/2017- 18/05/2017- 18/05/2017- 18/05/2017-	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05050	United Kingdom	Animal	Canine/dog	9 Year(s)	14/09/2017	20/09/2017	1 1	0 15/09/2017	Not Known, BR >BR>BR>BR> Yes	Tachycardia, Dyspnoea		Suspect Adverse Reaction: On 14 Sep 2017, a dog was vaccinated with Nobivac L4 and Canaural was administered. The dog had a cardiac mummur present for several months before vaccination, On 15 Se 2017, the dog presented with tachyracina and adjopnece. On 16 Sep 2017, the dog was placed on Vetmedin and the clinical signs resolved. No more information expected.		Not Known		N - Unlikely	NCA agrees with MAH assessment.

NOBIVAC LA GRR-MERCONSC	SD-2017-UK-05085	United Kingdom	Animal	Canine/dog	4 Year(s)	04/09/2017	18/10/2017	1 1	o 04/09/25	17 Not	finding, Elevated gamma-glutamyl	No Data	Suspected Adverse Reaction: On 13 Sep 2017 a clinic reported that a dog developed signs after receiving a Noblaw. Let on 04 Sep 2017. The day was clinically well at the time of vocantation. The owner contacted the practice that same evening and stated that the dog was off colour, anometic, constipated, and vomited an unknown amount of times. On 11 Sep 2017, the dog was repetited for a recheck examination and was evaluated as very bright (verbatim). Bloodwork and radiographs were performed on 11 Sep 2017 as the owner was still concerned. The results revealed sight elevations in Tall (JGGT/A1T (no values or ref range given) and that the kidneys were sightly enlarged. A follow-up is expected. Follow up 13 Sep 2017 Confirmed after vaccination on 4 Sept, he was quetted that right, reduced appetite. Seen on 11 Sept having comited once, passing only a little facese, reduced appetite and subcataneous or development of the Sept 2017 Confirmed after vaccination on 4 Sept, he was quetted appetite and subcataneous or development on 10 Sept. Them that raises Live enqueries. At an 40 GTI and subcataneous or development on 10 Sept. Them that raises Live enqueries. At an 40 GTI and subcataneous or development on 10 Sept. Them that raises Live enqueries. At an 40 GTI and subcataneous or development on 10 Sept. Them that raises Live enqueries. At an 40 GTI and subcataneous or development of the subcataneous or development of the subcataneous control of	Crossbred		Marbocy unidentified- N/A/N/A/N/A (Jurihorown Not applicable I Animal, Treatment Start Date 16/99/17 (Not.) N/A/SRP-SR-Nobiwa L More 16/99/17 (Not.) N/A/SRP-SR-Nobiwa L More 16/99/17 (Not.) N/A/SR-SR-Nobiwa L More 16/99/17 (Not.) N/A/SR-SR-SR-monocaliny Clavudanate (puram) - N/A/N/A/N/A Z/Udindown Not paglicable 1 N/A/SR-SR-SR-SR-MONOCALINY (Not.) N/A/SR-SR-SR-SR-MONOCALINY (Not.) N/A/SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-S	B - Possible	Agree with MAH assessment.
	SD-2017-UK-05111	United Kingdom	Animal	Canine/dog	9 Year(s)	18/09/2017	20/09/2017	1 1	0 18/09/20	R>BR>BR>Yes, BR>BR>BR> BR>BR>Yes	Urticaria,Facial swelling (see also 'Skin')	No Data	Suspected shewer exection. The dog was vaccinated with Nobinac DEP, Nobinac Lt and Nobinac RC or 188 Sept 2017. Which In Your of vaccination, facial awelling and raised lumps over the body occurred. Treated with Steroid injection. On 20 Sept 2017: Reported as recovered. No more information is expected.	Jack Russell Terrier	5.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (18/09/2017- 18/09/2017-18R-SHR>Nobivac KC - 1,N/A,N/A,24,1 Dose 1 Animal (18/09/2017-18R>-SHR>Nobivac L4 Suspension for injection for Dgs - 1,N/A,N/A,24,1 Dose 1 Animal (18/09/2017-18/09/2017)-SHR>-SHR>	B - Possible	Agree with MAH assessment.
NOBIVAC L4 GBR-MERCKMSS	SD-2017-UK-05114	United Kingdom	Animal	Canine/dog	1.1 Year(s)	11/08/2017	21/09/2017	1 1	o 08/09/2C	17 Yes,cBR>cBR>cB R>cBR>cBR>Yes	Anaemia NOS.Joint swellingLamenes:nappetence.Let hargy (see also Central nervous system depression in 'Neurological'),Pyrexia, Weight loss, Abnormal test result, Urine ahonormalities NOS.Proteinuria, Haematuria	No Data	Supercted adverse reaction. Vaccinated with Noblous CIPP and Noblous L 16 on the 15 ul and 11 Aug 2017. Presented on the 6 Sept 2017 no cealing, lethange, lengenature 40.4 C, pile weight loss. All bloods were within normal limits. Treated with Synulos and Metacarn. Owner reports dog is walked by canals and does drink the water. On 5 Sept 2017. Blood and protein in urine, respectate 93.2 C, and dog had become acutely non-weight bearing on Left Fore (no particular joint described as abnormal). Treated with IV Haliko, on 10 Sept 2017. Piget fore lame. Autres weiling on one dipt on Left Fore. On 11 Sept 2017: Lyme disease negative. Borrelah Negative. Leptopira NMT Screen = Pools 12,3 and 4 Poolshe, Pools 5 and 6 Regative. Lab Propriet drat ap apositive result could be due to a unmarative effect of low positive individual titres within the pool. Further testing would be required to determine of clinically relevant. Hearnstology it learninghout 1.7 g/gl [1 2-16], PcV 35.5 9 (§ 17-5) (on 15 Sept 2017. Architecture) and the contractive of the propriet of the propriet of the positive individual titres within the pool. Further testing would be required to determine of clinically relevant. He thermotology it learninghout 1.7 g/gl [1 2-16], PcV 35.5 9 (§ 17-5) (on 15 Sept 2017. Continually relevant Hearnistology it learninghout 1.7 g/gl [1 2-16], PcV 35.5 9 (§ 17-5) (on 15 Sept 2017. Architecture of the propriet of the propriet of the propriet in the propriet of the propriet in the propriet of the propriet in	Border Collie	15.4 - 17.4	Nobisac 10P - 1.N/A/N/A 24,1 Dose 1.Arimal (11/08/2017 - 14/08/1017-8R8B-Nobisac L4 Suspension for 10Ptoton for Dogs-1.N/A.N/A.24,1 Dose 1.Arimal (11/08/2017-11/08/2017)-8R8R>	B - Possible	Weak temporal association between vaccination and onsert of presis, larbray, napsperten on dismenses but immune mediated disease although not confirmed an be triggered by vaccination so product association is possible.
NOBIVAC L4 GBR-MERCIONSC		United Kingdom	Animal	Canine/dog	7 Year(s)	13/09/2017	10/10/2017	1 1	1 13/09/25	NOOW, GR-CBR Ves, GBR-CBR-GB, Ves, GBR-CBR-GB, Ves, GBR-CBR-GB, Ves, GBR-CBR-GB, Noor, GBR-CBR Ves, GBR-CBR-GB, Noor, Moor, GBR-CBR Ves, GBR-CBR-GB, Noor, Moor, M	court, Decreased hamotorytopenia, Le ucopenia, Le ucopenia, I memoploshi, Thromborytopenia, Neutropenia, Jeuchaemia, Jumphome, Pale mucous membrane, Haemonthagic gastroenterisi, Asielena, Hiepatopathy, Hypocalcaemic condition, Casiul Prostate technological, Hypocalcaemic condition, Casiul Prostate technological, Postate depression in Neutrological/) Official society of the Colour Acates, Elevated temperature, Interestinal haemonthage, Dehydration, Dry mucous membrane, Abnormal test result, Disorder of red blood cell NOS, Swollen hymnh node, Bone marrow disorder NoS, Abnormal cyclology, Abnormal ultrasound finding, Elevated SAF, Elevated ALT, immure mediated haemolytic amenia, Pipotrolinaemia, Postopolinaemia, P	Not Known	Sapected Adverse Reaction On 13 Sep 2017, a doiny succinated with booster of Nobinec DH and Nobinec Ltd, inclinately well at the time of uncirculation. On 15 Sep 2017, degree speemed back to practice as off colour and had been orthogic gastroenteritis since vaccination. On the september of the practice as off colour and had been orthogic gastroenteritis since vaccination. On examination submandibular hymn hodes were raised and also slightly deplorated. The dog was a definited and given intravenous fluid therapy, Synulou and Emperid Emperid Sing/mis Solution for Injection for Dogs and Catch Sets glasses, Blood tests were preformed in-house but not reference ranges given. On 15 Sep 2017, to further gastrointestinal signs and Blood tests performed again but no reference ranges given. On 12 Sep 2017, to further gastrointestinal signs and Blood tests performed again but no reference ranges given. On 12 Sep 2017, to further gastrointestinal signs and Blood tests performed again but no reference Reacting 2017, Predinctions and Omegrazole started for treatment. Blood results from external lab received: RBC 2.4 (2.3 Se. 17), etc. 11 (1.3 Sep 2.4), Mortion Sep 2017, Predinctions and Compensate standard of the Sep 2017, etc. 11 (1.3 Sep 2.4), Mortion Sep 201	West Highland White Terrier		Integrial Soution for injection for page and cast - MANANANANANANANANANANANANANANANANANANAN	B - Possible	Poduct knowleverst is possible as immune mediated situated and commission of the com
NOBIVAC L4 GBR-MERCOMSC	SD-2017-UK-05214	United	Animal	Canine/dog	4.2 Year(s)	23/08/2017	25/09/2017	1 1	0 08/09/20	17 Yes, Yes		No Data	68.48 (E-06), total protein 54 (58-73) and total caklum 2.79 (2.3-3.0), Mobormial radiography showed Suppected adverse reaction. The day was vacinated with Nobusc BHP and Nobbac L to a 76 Jul and 23 Aug 2017. The day presented to the vets on 11 5ep 2017 with progressive lethargy over the last few days, as well as anoreals. On exam- Abdomen Distended, Bloods: Total Protein a (19-72), Albumin 17 (26-40), ALMP 90 (12-43); ALT 79 (13-78), AMPLASE 1886 (100-1100); GLUCOSE 7.12 (4-3.) Albumin 17 (26-40); ALMP 90 (12-43); ALT 79 (13-78), AMPLASE 1886 (100-1100); GLUCOSE 7.12 (4-3.) Albumin 17 (26-40); ALMP 90 (12-43); ALT 79 (13-78), AMPLASE 1886 (100-1100); GLUCOSE 7.12 (4-3.) Albumin 17 (26-40); ALMP 90 (12-43); ALT 79 (13-78), AMPLASE 1886 (100-1100); GLUCOSE 7.12 (4-3.) Albumin 17 (26-40); ALMP 90 (12-43); ALMP	Crossbred			O1 - Inconclusive	NCA agrees with the MAH assessment.

NORIVAC 14	GBR-MERCKMSD-2017-UK-05215	United	Animal	Canine/dog	10 Week(s)	08/09/2017	26/10/2017	.l .	0 15/09/	017 Yes. <	B Lack of efficacy	Not	Surposted Lack of Eurosted Efficacy Do 9 Con 2017	Border Collie	Not	Nobivac DHP - 1,N/A,N/A ,10,1 ml	N. Halikolu	Agree with MAH assessment.
		Kingdom								R> >Nd Known		Known	Suspected Lack of Expected Efficacy On 8 Sep 2017, a puppy was vaccinated with Nobbac LNP and Nobbac LA, Clinically well at the time of oxicination, 0.15 Sep 2017, puppy was presemble Dack and developed weight loss, vomiting, disinfones, increased heart rate and jaundice. The veterinary surgeon suspected expections and ablood sets has been performed for Leptospira antisiers which was positive. The dog has started treatment of Perstree, It has been mentioned that the dam is likely not up to date with vaccinations. Not Further information expected. Followup 26 Cot 2017 - On 15 Sep 2017, bloods showed Wiez 2.41, Sciol-Sciol, Monopoles 27 pol 16.1-121, herotropist 1.75 Sci 25, Sep 2017, bloods showed Wiez 2.41, Sciol-Sciol, Monopoles 2.29 (16.1-121), herotropist 1.75 Sci 25, Sh. (14.1), 26.2-25.91, MLP 131, 26.2-25.91, M	- 2- t	Known	Not applicable 1 Animal (09/09/2017- 08/09/2017- 08/09/2017)-RBN-9BN-Nobwac L4 Suppersion for Injection for Dogs - 1JN/AJN A. 10.1 ml Not applicable 1 Animal (08/09/2017)-CBR-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN		
	GBR-MERCH/MSD-2017-UK-05221	United	Animal	Canine/dog		07/08/2017		1 1		Not FROWN, GRA-GR FROWN, GR FROWN,	result i-typoalbuminaemia, itead tremor, Proteinuria, Tense a bdomen, Haemoglobinuria, Elevato d AST, Elevated AT, Elevated S SAP, Abnormal radiograph (Inding, Elevated amylase, Elevated protein-creatinine ratio-hypochorianemia, Low plated protein-creatinine ratio-hypochorianemia, Low plated count, Pale mucous membrane, Diardroea, Dysuria, Urino y in knontience, Panting, Death by euthamasia, Inapetence, elehangi (see also Central nervous system depression in Neurological'), Malaise, Off colour, Pyrexia	Other e	Suspected Adverse Reaction On 7 Aug 2017, a dog was vaccinated with Noblavc L4 (ELU-Annual Dostore Overdue), clinically well at the time of vaccination on 13 Aug 2017, the owner reports of colour for a few weeks (date unknown). The dog was panting more, beclarant to eat, will eat when encouraged, telestage and continued to have dynation on bed. On clinical examination, the dog was preved to the control of th	r I		Enrocare 25 mg/ml Solution for Injection for Dogs, cats, Rabbits, Rodents, Reptiles and Ornamental birds. «N/A/N/A/N/A, 23. Unknown Unknown 1 Animal-RB-21/08/17 reseatment start date IN/A-reseatment start (19/08/2017-19/08/2017-19/08/2017-19-RBBB-5-edstive unidentified - N/A/N/A/A). A2_Unknown Unknown 1.6 Inimal IN/A-OL/SOLUTI-RBBB-S-Irilin date IN/A-RAS-SOLUTI-RBBB-S-Irilin date IN/A-RAS-BB-S-BB-Vetergesic unidentified - N/A/N/A/N/A-X4-10-SURVANIA-RAS-BB-Vetergesic unidentified - N/A/N/A/N/A-X4-Irinosvn 1 Animal RIJI-RAS-BB-Vetergesic unidentified - N/A/N/A/N/A	O1 - Inconclusive	Temporal relation is strong and signs such as lettargy previous and off colour are compatible with product involvement. ABON B. Also it of efficacy should also be talant into account, as the animal and been previously successed with Noblobus L. Ip. Nowest, and a manual books was overeined, therefore protection assessment is inconclusive.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05261	United Kingdom	Animal	Canine/dog	9 Week(s)	19/09/2017	26/09/2017	1 1	0 19/09/	017 Yes, No R>SBR>No R>Mo Known		Not Known	Suspected adverse reaction The dog was vaccinated on 19 Sept 2017 with Nobbwac DMP and L4 and was clinically well at the time of vaccinition. The owner called that night to say the obg and as it to five official and diarrhores that night but was fine otherwise. The dog was not seen by the practice and not treatment was given. Then no 12 Sept the owner brought the puppy to the practice collapsed and non responsive. Its temperature was not taken but the dog felt cold to the touch. Treatment was given subctaneous fished as they could not get intravenous fluids into the dog. They gave entiblotics and warmed the dog. Intravenous fluids return that day. They gave some recovery food and some glucose (unknown how much. No bloods were taken no. 22 Sept she started to improve, still or artibilities. On 23 Sept 2017, the dog was given more antibilities and was sent home having recovered. The dog was earling well and drinking on her own. Sent home on recovery food no. 75 Sept, the weigh was 0.48kg, seen doing well, seems fully recovered. No more information expected	n		Nobisac DIP - 1.1/(AN/A.) 0.1. ml Unknown 1. Animu (15/09/2017-19/09/2017)-8B>~8B-Nobisac L4 Suspension for Injection for Dogs - 1.1/(AN/A.) 0.1 ml Unknown 1 Animal (19/09/2017- 19/09/2017)-8B>~8B>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCKMSD-2017-UK-05302	United Kingdom	Animal	Canine/dog		27/06/2017		1 1		R> Ye	B Hyperactivity,Emesis,Elevated s SAP,Seizure NOS	No Data	Serious possible adverse reaction following the use of Nobins CHP and Nobins L4 reported on the 28th September 2017. A 61/Jey and OAM entextered, blandor Retriever weighing 39 slag was vaccinated with Nobinsc DHP and Nobinsc L4 on 27th June 2017. The dog was well at the time of vaccination and had previously been vaccinated with Nobinsc vaccines without a problem. On its way home the dog vomited one can depain numing around frantively. Later in the versing the dog had seizure and fell off the bed. This happened about 12 hours post vaccination. On the 28th June 2017, a blood test was taken. AP was moderately elevated at 210 (deregence range 20-15) and everything else was within normal ranges. No treatment was given and the dog returned to normal. No further information received.	Labrador Retriever		Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (27/05/2017- 27/06/2017-8-S-BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (1 Day(s) 27/05/2017- 27/06/2017)		Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05321	United Kingdom	Animal			19/09/2017	26/09/2017	1 1	0 19/09/	017 Not Known, B >BR>CBR>CBR Not Known	Conjunctival oedema,Red R eye,Injected sclera	Not Known	Suspected adverse reaction. The dog was vaccinated with Nobiaca L4 and Nobiaca KC on the 15 Sept 2017. Clinically well at the time of vaccination, but did have to be muzzled for vaccination. 2 hours later, the left eye was red. On exam, scheral haemorthage and conjunctival swelling were seen. Otherwise well. The dog was given Metacam. The following day the right eye became red. No further treatment given. No more information expected.	Staffordshire Bull Terrier	17.5	Nobivac KC4,N/A,N/A,10,0.4 ml 1 Animal (19/09/2017- 19/09/2017) -BR> Nobivac L4 Suspension for Injection for Dogs - 	O1 - Inconclusive	Agree with MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-05344	United Kingdom	Animal	Canine/dog	2 Month(s)	19/09/2017	27/09/2017	1 1	0 25/09/	7 Yes, >BR>>BR>Yes,>BR>>BR>>BR>>BR>>BR>>BR>>BR>>BR>>BR>>BR	s, colour,Pyrexia,Not eating,Abnorma	Not al Known	Sapected Adverse Rescision On 22 Aug 2017, pappy rescinated with first dose of Nobinec IDP and Nobinec LSP and Nobinec LSP and The State of Section 10.0 no 19 a 2017, pappy vaccinated second dose of Nobinec Rs clinically well at time of vaccination. On 19 Se 2027, pappy vaccinated second dose of Nobinec Rs clinically well at time of vaccination. On 26 Sec 2017, owner presented pappy as had been inventified for Nobinec Rs clinically well at time of vaccination. On 26 Sec 2017, owner presented pappy as had been inventified for Nobinec Rs clinically and popilities hyphron dose relarged blood tests performed. Globula 17 (lo 5-16), Al P 220 (12-83), Phosphorus 3.19 (Ds -18), MP VI 10.5 Signation 10.5 3 and the rest unremarkable. The down part on Intravenous artibilities and settlem 10.5 signation 10.5 signatio	r		Nobisc DIP - 1,N/A.N/A,10,1 ml 1 Animal (19/09/2017- 10/09/2017)-RE-BN-bobisc KC - A.N/A.N/A,10,0.4 ml 1 Animal (19/09/2017- 19/09/2017-19/09/2017)-RBN-bN-blova L4 Suspension for Injection for Dogs - 1,N/A.N/A,10,1 ml 1 Animal (19/09/2017-19/09/2017)-BR>-BR>	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4 GBR-MERCKMSD-2017-UK-05386	United Kingdom	Animal	Canine/dog	10 Week(s)	28/08/2017	13/11/2017	1		02/10/2017	Yes_GBR>GBP-GBP-Yes, GBP>GBP-GBP-Yes, GBP>GBP-GBP-GBP- GBP>GBP- GBP>GBP- Yes	Anaemia NOS,Neutrophilia,Increased heart rate,Loose stool,Bone and Joint rate,Loose stool,Bone and Joint rate,Loose (NOS,Joint rate,Loose (NOS,Joint rate,Loose), and loose rate,Loose,Lethargy (see also Central nevous system depression of reference of the control of the control rate (Nos, Nos) reference of the color of the color rate (Nos)	No Data	Saspected adverse reaction following the use of Nobivac DHP and Nobivac L4 reported on 2nd October 2017. A male entire, Weimaraner dog weighing 10kg and currently 10 weeks old was given Nobivac DHP and Nobivac L4 br whe redeed on 28th August 2017. On 23th September 2017. Nobivac DHP was administered. On the 2nd October 2017, the puppy presented to the vets with joint problems. A specialist radiologist has confirmed that Metaphyseal October 1017. On 25th September 2017. Nobivac DHP was administered. On the 2nd October 2017, the puppy presented to the vets with joint problems. A specialist radiologist has confirmed that Metaphyseal October 1017. When the Company of the Compa	Weimaraner	100	Nobivac DHP - 1,N/A.N/A.1,0,1 ml Not applicable 1,Animal [21,579/2017- 23,709/2017-18R-HS-MbDivac KC - 4,N/A.N/A.1,0.0,4 ml 1,Animal [18,709/2017- 18,700-17- 18,700/2017- 18,700/2017- 18,700/2017- 18,700/2017- 18,700/2017- 28,		The pain and swollen joints, as well as pyrexia are likely linked to the Metaphysaol osteopathy. The loose stools 4 days fair vaccination are an unspecific sign however, a product role cannot be excluded completely. NCA agrees with the MAH assessment.
	Kingdom						1	. 0		Yes, GRX-SRX-SR X-SRX-SRX-SRX-SRX-SRX-SRX-SRX-YES	count_wmphopenia,Peutrophilia,Di arrhoea_Emeis,Anorexia,Lethargy (see also Central nervous system depression in "Neurological"),Ahoromal test result/Ahoromal stool colouration,Decreased red blood cell count_Decreased packed cell volume (PCV),Monocytosis		October 2017. A 7 year, 4 month old, male neutered Poodle cross weighing 21.1½ was succinated on the 20th Spelamer 2017 with Nobbus CPI, 14 and KC. The dog was well at the time of vaccination and has had Nobbus c vaccines previously. On the 23rd September 2017, it was reported that since the evening of the vaccination, the dog was telestange, off food, had darlinore and vominity. The dog was seen at the practice and given problotic paste. Its temperature was normal and it wasn't dehytrated. On the 26th September 2017, the dog had not improved, had darlindrae and vomomity on the 26th September 2017, bit odd rest care that wasn't dehytrated. On the 26th September 2017, bit odd rest restult showed als low packed cell volume (mannal PCV - 30 (45-5)), our plateles 30 (14-34) and low blood count was verified on blood snear. On the 30th September 2017 the dog was hospitalised and given intravenous decamentaisone O 2my/lgs and was sent home the following day. On the 2nd October 2017, the dog was much better in himself and was given oral steroids prediscione 12.5 mg twice daily and had a blood test taken which was sent to an external laboratory for testing. Further information is expected Follow up 4 Oct 2017 - Oct 2017, further hieramatology results were as follows, 816.5 to 33 - 33.8 + 10.7 till 38 (38.8 - 55.) Hemoglobin 11 (13.4 - 20.7), Morth Consol 2018-302, reticulospets 134 (~110), neutrophils 14.96 (2.4 ± 1.267), Imphocytes 0.68 (1.06-4.95), monocytes 1.36 (1.21-1.10), neutrophils 14.96 (2.4 ± 1.267), Imphocytes 0.68 (1.06-4.95), monocytes 1.36 (1.21-1.10), neutrophils 14.96 (2.4 ± 1.267), Imphocytes 0.68 (1.06-4.95), monocytes 1.36 (1.21-1.10), neutrophils 14.99 and platelets were normal 328 (143-448). Dog reported to be clinically doing well. Awalt further information.	Poodle s	21.1	Not applicable 1 Animal (20/08/2017) - 20/08/2017 - 20/08/2017 - RBR-Nobivac KC - 1/N/AN/A 2.4 10 ose Not applicable 1 Animal (20/08/2017 - 20/08/2017) - RB-R-Nobivac Kd Supersion for Injection for Opgs - 1/N/AN/A 2.4 10 ose Not applicable 1 Animal (20/08/2017) - RBBR-D-Nobivac Kd Supersion for Injection for Opgs - 1/N/AN/A 2.4 10 ose Not applicable 1 Animal (20/08/2017) - RBBRBRBRBR		
NOBIVAC 14 GBR-MERCXMSD-2017-UK-05404	United Kingdom	Animal	Canine/dog	2.6 Year(s)	18/09/2017	03/11/2017	1 1	1	18/09/2017	Yes	Lethargy (see also Central nervous system depression in "Neurological"), Pulmonary oedema, Reluctant to move, Immune mediated haemolytic anaemia, Blood in urine, Abnormal necropsy finding, NT -endocardiosis, Haemorrhage NOS, Spleen and reticulo- endochelial system disorder NOS, Spleen and reticulo- endothelial system disorder NOS, Spleen and reticulo- sidader & Bile duct disorder NOS, Papatopathy, Jaundice, Collaps et gee also Cradio-vascular' and Systemic disorders'), Nephropathy, Renal disorder'), Nephropathy, Renal disorder NOS, Listless, Death	No Data	Suspected adverse reaction. A dog was vaccinated with Nobbace 14 on the 18 Sept 2017. Clinically well at the time of vaccination. Over the next few days dog became hetharge, quiet and reluctant to move. This issted for 4 days. On 1 Oct 2017, the owner reported that dog had vomited, collapsed and died overnight. The dog was sent for Post Mortem. Results are pending, Follow up 5 Dot 2017 - O 3 Oct 2017. O 3 Oct 2017, O 3	English Springer Spaniel	Not Known	Nobwac L4 Supersion for Injection for Orogs. 17M,AM, 0.1.ml MV applicable 1 Animal (18/09/2017-18/09/2017-8R>-GRP	A - Probable	Agree with MAH assessment
NOBIVAC L4 GBR-MERCXMSD-2017-UK-05405	United Kingdom	Animal	Canine/dog	12 Year(s)	27/09/2017	03/10/2017	1 1	. 1	28/09/2017	R> Yes	Red blood cell disorder/Jaemorrhagic diarrhoea, Bloody diarrhoea, Sloody diarrhoea, Vorniting, Adigisia, Death, A norexia, Decreased appetite, Pain NOS, Lethany (see also Central nervous system depression in Neurological') Abnormal test result/typergyscemia, Elevated BUN, Elevated SAP Increased packed cell volume (PCV), Decreased dickloider Behaverhaemia	No Data	Suspected adverse reaction. Vaccinated with Nobiusc DHP and Nobiusc L4 on the 27 Sept. 2017. Clinically well at the time of vaccination. The following day the Goog was lethange, carling and dinking a little. Presented on 29 Sept. 2017, still lethangic and not eating but drinking a little. Bloods = AAP 271. (1) and Sept. 2017, still lethangic and not eating but drinking a little. Bloods = AAP 271. (1) and Sept. 2017. Sept. 2017. The rated with Non-Septical Anti-inflammatories. Brought back to surgery on 30 Sept. 2017, not eating or drinking, and now vomiting. Admitted and treated with NY Fluids and IV antibiotics. Passing haemorrhagic watery diarrhoca with fresh blood. Further treatment included Cerenia, Raintidine, Vetergesis and given problotic pasts. Bloods = AP 209 (12-85), URIA 9.2 (17-7-A), GUI 11.7 (2-6.3), Panceratits testing - normal. Yeavys and URIA 2018. The AP 2018 of Commission of the Virginia Sologo and Commission of Commission of the Virginia Sologo and the Virginia Sologo and Commission of Virginia Sologo and the Virginia Sologo and V	Crossbred	6.5	Nobiwa CHP - 1,1/AN/A 2,1 Dose 1 1 Anima (27/09/2017 - 1 27/09/2017)- RR-8B-Nobiwa L4 Suspension for injection for Dogs - 1,N/AN/A 24.1 Dose 1 Animal (27/09/2017-27/09/2017)- BR-6BP-		Close temporal association and product involvement cannot be discounted - assessment is inconclusive.
NOBIVAC L4 GBR-MERCXMSD-2017-UK-05410	Kingdom	Animal		16 Month(s)		27/10/2017	1 5			Yes,cBR>cBR R>cBR>cBR>tBR>cBR cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>	tilt - neurological disorder_Emesis, Head tilt - ear disorder_Ataxis, Mystagmus, Abnorm al test result, Otto NOS	No Data	Suspected adverse reaction following the use of Nobivac DHP, L4 and KC reported on the 3rd October 2017. On the 15th August 2017, a 1 year 4 month old, make netire, Frendh Bulloog, weiging 12.4 age yas gener its booster vaccinations of Nobivac DHP, L4 and KC. The dog has previously had Nobivac vaccine without any reported problems. An hour late; the dog returned to the vet practice as it was wobbly and had vomited. On the 16th August 2017, the dog had developed mystagmus, a head tilt to the left and it was wobbly on its legs. Not restantent was given. The owner was advised to return to the practice. In 2 weeks if the signs had not resolved but the owner did not return at this point. On the 20th September 2017, the dog was seen at the practice. There was no evidence of mystagmus but it still but a head till. No diagnostic tests were performed and no treatment given. Further information is expected. Follow up 5 oft 2017- on 36 po 2017, vet reported hearthology, thyroid and botherhistry bloods were normal. An Mill scan showed peripheral vestibular syndrome and secretory bullee otitis. No further information succented.	French Bulldo		Nobwac DIP - 1,11/A.N/A, 24,1 Dose Not applicable 1,000 a		Agree with MAH assessment.
NOBIVAC L4 GBR-MERCXMSD-2017-UK-05413	United Kingdom	Animal	Canine/dog	14 Month(s)	03/10/2017	03/10/2017	1 1	. 0	03/10/2017	Yes, >ER	Facial odema_Anaphylactic-type reaction_Abnormal test result_Enythematous rash.hypergycamia_Hyperphospha taemia_Elevated_AT_Increased percentage reticulorytes_Elevated gamma_glutamyl transferased gamma_glutamyl transferased yearsed y	No Data	Serious suspected adverse reaction following the use of Noblaxo DHP and 14 reported on 3rd October 2017, a 14 month oils, male enter Ferné Bulldige, weiging 11 Gig was spine a booster vaccination of Noblaxo DHP and 14. The dag was clinically well at the time of vaccination. He had been imported from easter furney and it is unknown what he received as hip primary course of vaccines. 5-10 minutes after vaccination the dag collapsed outside and was brought back in. Its mucous membranes were very pale, temperature was 33. E. and the dag was stakeparded. Blood test results showed increases in the following: haemoglobin 90.1% [37-53], red blood cells 12.45 (5.5-8.5), restriction(spc. 18.12, [21.01]), blood glaveose .61. (4.11-75), hoppisable z.5.5 (8.16.2.2), At 17.90 (1.12), GI 15.01 (1.11). MCH 15.6 (18.5-30). Treatment of intravenous fluids, chloramphenamine per os and intravenous stroids were glevn. The dog improved but remained quiet in liste. He has seate hut has some facial oederna and generalised enythema over his dorsum. The dog has previously undergone investigation for skin allegies and underwent alleging testing lay which showed a positive result to dust and storage mites, He is not currently on therapy for this. Further information is expected.	French Bulldo	g 11.6	Nobwa CHP - 1,1/A/N/A 2,1 Dose 1 Anima (1631/07017 - 1041/07017 - 1031/0/2017+GR8IB-Nobwa L 4 Suspension for Injection for Obg - 1,N/A/M, 24,1 Dose 1 Animal (03/10/2017-03/10/2017)+GR->GR->GR->GR->GR->GR->GR->GR->GR->GR->	B - Possible	Agree with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-05512	United	Animal	Canine/dog	13 Year(s)	30/09/2017	06/10/2017	1	1 1	02/10/2017	Yes, <b< th=""><th>Faecal incontinence,Pain</th><th>Not</th><th>Suspected adverse reaction. The dog was vaccinated with Nobivac DHPPI and Nobivac L4 on 31 Aug</th><th>German Shenherd Dog</th><th>Not</th><th>Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs -</th><th>O1 - Inconclusive</th><th>Agree with MAH assessment.</th></b<>	Faecal incontinence,Pain	Not	Suspected adverse reaction. The dog was vaccinated with Nobivac DHPPI and Nobivac L4 on 31 Aug	German Shenherd Dog	Not	Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs -	O1 - Inconclusive	Agree with MAH assessment.
		Kingdom									R×BR×BR>Not Known	NOS, Death by euthanasia, Urinary incontinence, Limb weakness	Known	and 13 Sept 2017. Extra Label Livs - high frequency, Clinically well at time of both vaccinations. The owner presented the Go on 2 Oct 2017 for eulhansia, as do plad agne of the freak-legs, incontiner and was in pain. Euthansased - No post mortem. No more information expected. Follow up 10 Oct 201: 0-00 305ep 2017, gor geneved the second vaccination of Noblews CHPPP and Noblwac Lepto 4 (not on 13 Sep 2017) of the primary course. No further information expected.	Shepherd Dog	Known	Suspension for Injection for Dogs- I,N/A,N/A, 24,1 Dose Not applicable 1 Animal (30/09/2017- 30/09/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (30/09/2017- 30/09/2017-BR>-BR>		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05513	United Kingdom	Animal	Canine/dog	4 Month(s)	07/09/2017	05/10/2017	1	1 0	04/10/2017	Yes, <b R> >BR>Yes</b 	transferase (GGT),Vomiting	No Data	Suspected adverse reaction. The dog was vaccinated with Nobivac DIPI and Nobbac LG on 7 Sept 2017. The dog was clinically well at the time of vaccination, 003 Gzt 2017, the dog was found to be playing with a bottle of bleach. It is unknown if any bleach was ingested. The dog presented to vets on 4 of C2127 with volmiling. The dog was otherwise well. Bloodwork showed Gof 10-217, the dog was treated with antibiotics, gut protectants and Cerenia. No more information expected.	German Shepherd Dog	14	Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (07/09/2017-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (07/09/2017- 07/09/2017-BR> <		Agree with MAH assessment
	GBR-MERCKWISD-2017-UK-05546	United Kingdom	Animal	Canine/dog	9 Year(s)	14/08/2017	29/08/2017	1	1 0	21/08/2017	Yes, BR> Yes	Injection site abscess_injection site scab_injection is scab_injection is scab_injection is scal_injection injection injec	No Data	Supercited Alverse Reaction: On 24 Aug. 2017 a veterinary representative reported that a dog developed a 10.15 cm mass with challings, sbessation on 12 Aug. 2017 after a veterinarian administered Nobivos L4 on 14 Aug. 2017. The dog was presented to the hospital on 22 Aug. 2017, it is unknown if the dog was treated with any medications. The dogs has previously reviewed Nobivos L4 in approximately 2016. It is unknown if there was any incident at that time. On 14 Aug. 2017 whe dog also received a Nobivos L6. K. Follow up expected, Follow up 29 Aug. 2017 On 24 Aug. 2017 was seen with the mass even larger (size not stategl) they drained off 35 ml of serosinaptions fluid, placed on Classeptin and bloss to had been given metaman. 2 days previously. Swab was staken and owner advises the lump may burst open. 29 Aug. the lump is sloughing off in places and pus and discharge is present, is 20 cm oney mound from shoulder to shoulder. Continue on Classeptin and intertain. Sedated that dog and flushed the wound, incrotic tissue was removed, applied some sutures but will need to heal by second irention. 30 Aug no more pub ust still blot of serosinaptions fluid. 31 Aug. 2017. Sedated aff flushed wound again 1. Sept swab results are positive for streptococcus canis. Sedated and flushed wound again 2 and 5 Sept. Is improving .7 Sept, they were able to close some of the wound with sutures. 11 Sept wound healing well continue on medication not stated what. 15 Sept wound healing well continue on medication not stated what. 15 Sept wound healing well continue on medication not stated what. 15 Sept wound healing well continue on medication not stated what. 5 Sept wound healing well continue on medication not stated what. 5 Sept wound healing well continue on medication not stated what. 15 Sept wound healing well continue on medication not stated what. 5 Sept wound healing well continue on medication not stated what. 5 Sept wound healing well continue on medication not stated what. 5 Sept wound healing well continue on medication not	Bull Terrier b t d d	24	Nebbus KC - 1.N/A/N/A 2.4, 10 se Not applicable 1.Animal (14/08/2017- 14/08/2017-188-SBR-Nebbusc L4 Suspension for Injection for Dogs - 1.N/A/N/A 2.4 10 see Not applicable 1.Animal (14/08/2017-18R>-SBR>-		Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKNISD-2017-UK-05552	United Kingdom	Animal	Canine/dog	10 Week(s)	09/10/2017	09/10/2017	1	1 0	09/10/2017	Yes, <b R>BR>CBR>NBS Known, BR >BR>BR>CBR Not Known</b 	weakness,Collapse (see also 'Cardio-vascular' and 'Systemic	Not Known	Suspected Adverse Reaction On 9 Oct 2017, a dog was vaccinated with Notivac DIP and Nobivac L4 On the same day, unknown exact time association but dog presented collapse, drauble to hold head up, and unable to bear weight on hind limbs. On examination, pale mucous membranes, respiration regular and no cardiac abnormalities associated. The owner thought the dog was sleepy at home after vaccination. The dog is currently being given glucose and oxygen therapy. The dog, 2 weeks prior to vaccination, had hemorrhagic diamnes and was treated with Metroindizacle and resolved and wa off treatment 5 days prior to vaccination. No further information expected.	Chihuahua r s	0.505	Nebisac DHP - 1,N/A,N/A, 1,0,1 ml Not applicable 1 Animal (03/10/2017: 08/10/2017): RBR-SBB-Nobisac L4 Suspension for Injection for Dog- 1,N/A,N/A, 1,0,1 ml Not applicable 1 Animal (03/10/2017): RBR-SBB-metronidazol e undentified - N/A,N/A,N/A 2,4 Unknown Not applicable 1 Animal (25/10/2017): RBR-SBB-NBS-NBS-NBS-NBS-NBS-NBS-NBS-NBS-NBS	B - Possible	Agree with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05573	United Kingdom	Animal	Canine/dog	15 Week(s)	08/10/2017	09/10/2017	1	1 0	08/10/2017	Yes	Vomiting	No Data	Suspected Adverse Reaction On 08 October 2017, the dog, was fit and well and was vaccinated with Nobivac L4. Later on the same day (unknown the exact time), the dog started vomitting and was taken to the out of hours veterinary services. The dog was admitted and placed on intravenous fluid therapy, afterward the dog started to improve. No more information expected.	Pug ;	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (08/10/2017- 08/10/2017) 	A - Probable	Close time association and suspected hypersensitivity reaction - product involvement is probable.
NOBIVAC L4	GBR-MERCKMSD-2037-UK-05587	United Kingdom	Animal	Canine/dog	1.3 Year(s)	10/10/2017	10/10/2017	1	1 0	10/10/2017	Yes, Yes, RS-Yes, BR>HR>Yes, 	Injection site bleeding Pale mucous membrane, Low blood pressure Ataxis, Anaphylaxis	Not Known	Superted Adverse Reaction On 10 Oct 2017, a flog was valcinated with Nobbac DRP. Nobbacs L6 and Nobbac KC, discisor, whe all tattee of securious however operted that the dog womted after treat a few days prior. The dog had small amount of bleeding from the injection site but stopped with ones some pressure was applied. After leaving the practice the owner took the dog to the park and attempted to defecate and then became wobbly on her legs and rushed back into the practice. This occurred within Sminuse of the consultation ending, On examination, muscus membranes were pain and heart rate 90 and blood pressure 60. The dog was given a bolus of fluids and stabilised with 26-30 minutes, heart 100 and blood pressure 100 and muscus immediares pins. The dog last remained stable and await further information, Follow up 18 Oct 2017 - On 10 Oct 2017, the dog that a PCV of 44% if full hammatology and blochematry was not be performed plant was discharged from the wett with or all Chipplenamine later that day, On 13 Oct 2017, dog was reported as fully recovered. No further information, performance in the contraction of the promoted produced, Josef days.	a	6.2	Nabisac DHP - 1,N/A/N/A, 1,0,1 ml Not applicable 1 Animal (10/10/2017- 10/10/2017) RePS-88B-Nobisac KC - A/N/A/N/A 1,00,0 ml Not applicable 1 Animal (10/10/2017- 10/10/2017-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05598	United Kingdom	Animal	Canine/dog	10 Year(s)	27/09/2017	10/10/2017	1	1 1	02/10/2017	Yes, Pes	Other coagulation advanced in Apple mucous abnormality, Tachycardia, Pale mucous abnormality, Tachycardia, Pale mucous is, Death by euthanasia, Anorexia, Lethargy (see also Central nervous system depression in Neurological'), Abnormal test resulu, Immune mediated haemolytic anaemia, Prolonged capitary refill time, Elevated BUN, Lievated SND, Lievated	No Data	Serious supported adverse event following the use of Nobiac DIPP and L4 reported by the vet on the 10th October 2017. A 10 year old, fremle neutreed, Labrador cross spanie) of unknown weight was vaccinated with Nobiac DIPP and Nobiacs L4 on 27th September 2017. This is the first time the dip had been given Nobiac Vaccines previously the doigh and been cuckinated with Lirican. She was clinically well at the time of vaccination, though had a history of antibiotic-response-diarrhoes and on monthly vitamia B2 injections and hopolatigenic flood. On 6th October 2017, the day was taken back to the practice with 5-7 day history of progressive lethangs, anorexis, and polyuria /polydiapsis. Or the day of presentation her owners had noticed that her game were very pale. On examination, capillary refit time was not readable, feart rate 140 beats per minute. Packed cell volume was 7%. Salline agglutination was not performed but it was noticed that the green, he presumptive diagnosis of immure mediate the hemolycic anemies was made and the was given intravenous hids and servoids. The doisy at interest was 15, 42 P30, licitate 2-7 (on reference values green). A presumptive diagnosis of immure mediate the hemolycic anemies was made and the was given intravenous hids and servoids. The dog clinically deteriorated through the day and blood transfusion was discussed with the owners but they elected for exhansas. No imaging was performed that the vet commended that no plaquide fluid thill was found on examination. No post morem has been performed at this point, the body is currently forces. The returned from the piece of the progression of the policy currently forces. The returned that the policy currently forces. The returned to the progression of the	Crossbred	Not Known	Nebbus CHP - 1,N/A/N/A, 2,4.1 Dose Not applicable 1- Animal (27/09/2017 - 27/09/2017-87-88-88-Nebbusc L4 Supersion for Injection for Dogs - 1,N/A/N/A, 24,1 Dose Not applicable 1.4mmal (27/09/2017-88>-88>	B - Possible	Although a full investigation has not been carried out, immune mediated desises can have many friggers which can include vaccination, so product involvement is possible - two products used.
NOBIVAC L4	GBR-MERCKWHSD-2037-UK-05620	United	Animal	Canine/dog	6 Year(s)	02/10/2017	06/12/2017	1	1 0	02/10/2017	Not Known, Yes, **BR> Not Known	mucopurulent discharge,Injection	No Data	Sepected adverse exection following the use of Nobines: Let exported by the attending set on 10th Cotober 2017. A given old, female neutriener, Ocasics Spanier, weighing 14.4 ags, was given a Nobines. Let vascination on 4th September 2017 and a second injection on 2nd October 2017. The dog was clinically well at the time of both vascinations it. is unknown if the dog previously has had Nobioex vaccinations, as it was imported from Greece. Over the course of the next 24 hours, the dog developed a swelling at the injection site and was reluctant to move her neck due to pain. The dog was seen by the vet on the 77h October 2017 when the swelling was first-sized, she was pyrexic (temp 40.2C), not eating and prunier fluid was as appriated from the mass. It was decided not to lance the mass was at this point as a large amount of soft tissue inflammation was present. The vet administered an injection of Amoxy-clava and oral Antifore (clindaryin; in) was dispersed which the owner did not originally give but then started not day when adviced to. Re-presented on 10th October 2017 with the swelling you large (described as size of 15th;) dog is unwhere, land volume and showed buchemistry unremarkable, haematology showed neutropilia 20.1 (vet 321) and some haemaconcentration the dog was admirted for intravenous fluid therapy and formed colories. But their information is expected. Follow up 6 Dec. 2017 Nn more information received, do need to the contravent of the contravent o		14.4	Antroin Se underriffed - N/A/N/A/N/A 2A/Linknown Not applicable 1 Animal (N/A-N/A-BR-SB-Nobbac L4 Suspension for injection for Dogs 1,N/A/N/A, 24.1 Dose Not applicable 1,N/A/N/A, 24.1 Dose Not applicable 1,Amimal (02):100	B - Possible	NCA agrees with MAM assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-05693	United Kingdom	Animal	Canine/dog	7.6 Year(s)	16/09/2017	26/10/2017	1 1	0 17/0		ot town, <br </br 	Inappetence,Off colour Pyrexia.Elevated Al.T.Elevadet SAP_Dull_Lethargy (see also Central nervous system depression in "Neurologica"]_Enlarged lymph nodes (generalised)	No Data	supercted adverse reaction. Vaccinated with Nobwac L4 on 16 Sept 2017. Clinically well at the time of Tibestan Schools in the College of the	NCA agrees with MAH assessment
	GBR-MERCKMSD-2017-UK-05722	United Kingdom	Animal					1 1		No Kn Xn	ot nown, <br :BR> ot Known</br 	Death,Listless,Laboured breathing,Collapse (see also 'Cardio vascular' and 'Systemic disorders')	Not Known	uspected adverse reaction. The dog was vaccinated with Nobina CHP. Nobina CL and Nobinac KC on Alaskan 39.5 Nobinac DIPP - 1.N/A.N/A, 24,1 Dose 01 - inconclusi 02 reactions are used to the time of vaccination. The dog was reported as quiet the flerence of the vaccination. The following day, the owner reported heavy breathing then the dog 01 inconclusi 02 reported to the vaccination. The following day, the owner reported heavy breathing then the dog 13/10/2017; BPR-SRR-Nobbac KC 13/10/2017; BPR-SRR-Nobbac LG 13	
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05763	United Kingdom	Animal	Canine/dog	6 Year(s)	17/10/2017	17/10/2017	1 1	0 17/1	R>	es, >BR>Not nown</b 	Lymphadenopathy,Tachycardia,Pru ritus,Oedematous erythema,Elevated temperature,Emesis (multiple)	Not Known	uspected adverse reaction Vaccinated on 17 Oct 2017 with Noblaze DIPA and L4 clinically well at the Yorkshire Unknown 1.4 mine of Vaccination appart from some officise terms, as wift and well-use previous vaccinated in South Terrier Infrica. Then 40 minutes later the dog became puritic and had oedernatous and enythematous limbs, 17/20/2017. 17/20/2017. 17/20/2017. 1878-88-Noblave. L4 office preparative 36. They gave Intravenous fluids and intravenous steroids, temperature reduced to 9.1 (time unknown) oederna and enythems started to resolve on on fer. Was hospitallated over night off remained stable . 18 October fully recovered, vet suspects hypersentitivity reaction. No more formation executed.	Agree with MAH assessment
NOBIVAC L4	GBR-MERCKMSO-2017-UK-05766	United Kingdom	Animal	Canine/dog	8.2 Year(s)	04/10/2017	19/12/2017	3	1 10/1	R> Kn No No Kn No	SBR>GBR>NOT OWN,GBR>GBR GBR>GBR>GBR OT OWN,GBR>GBR OT OWN,GBR	Flatient disorder NGS, Intestinal disorder NGS, Abrostinal disorder NGS, Abrostina (yology, Distress, Assemia NGS, Shor-regeneral der Germann (yology, Distress, Assemia NGS, Shor-regeneral der Germann spetant der Germann proposition of the NGS, Pale mucous proposition of the NGS, Pale mucous darkness, Perpalatorregaly, Heaptory congession of the NGS, Pale darkness, Pale (Short proposition of the NGS, Pale spetant der Short der Shor	Not Known	supected Adverse Rescision ON A Dit 2017, day succinated with Nobisso LPB and Nobisso L National Well at time of vaccination other than having early popularies. Do adverse the second of the part of the properties of the part of the pa	NCA disagrees with MAM assessment. Positive saline autoaggluthation suggests thick—this can have man triggers that can include drugs – product (involvement is possible. Combit sets in not positive mail diog with thirds, therefore negative test does not rule out this condition. No change to assessment following post mortem results.
NOBIVAC L4	GBR-MERCKMSO-2017-UK-05836	United Kingdom	Animal	Canine/dog	S Month(s)	02/09/2017	17/10/2017	1 1	1 02/0	Ye R> Kn No Kn Kn Kn	OWN, BR OWN, BR> SS, GR> NOT OWN, OWN, <br< td=""><td>Dulleria Neutrophila Jepotlerison, Diarrinoa Jepotleria Condition, Visichino Beath by euchanasia Anoresia Jepotleria Beath and ethangi (see also Central nervous system depression). "Neurological" Sisupo, Weight Sos Elevated Cholesterol (total) Jeamenconcentration, ylopod alaema, Gastric diarrinos, Deby ethanocho Anormal diarrinos, Deby ethanocho Anormal demanda, Castric diarrinos, Deby ethanocho Anormal services, Acidos Albergel services, Acidos Anormal services, Acidos services, Acidos</td><td>No Data</td><td>reirous suspected adverse reaction following the use of Noblacz L4 reported on 17th October 2017. A Chihuahua all elevite, Chihuahua pupp (born of May 2017), had Noblacy L4 on 2nd September 2017. Previous activation with the L4 was on 03 Aug 2017. On 18th September 2017, the dog had intermittent already of the control o</td><td>e NCA agrees with the MAH assessment.</td></br<>	Dulleria Neutrophila Jepotlerison, Diarrinoa Jepotleria Condition, Visichino Beath by euchanasia Anoresia Jepotleria Beath and ethangi (see also Central nervous system depression). "Neurological" Sisupo, Weight Sos Elevated Cholesterol (total) Jeamenconcentration, ylopod alaema, Gastric diarrinos, Deby ethanocho Anormal diarrinos, Deby ethanocho Anormal demanda, Castric diarrinos, Deby ethanocho Anormal services, Acidos Albergel services, Acidos Anormal services, Acidos services, Acidos	No Data	reirous suspected adverse reaction following the use of Noblacz L4 reported on 17th October 2017. A Chihuahua all elevite, Chihuahua pupp (born of May 2017), had Noblacy L4 on 2nd September 2017. Previous activation with the L4 was on 03 Aug 2017. On 18th September 2017, the dog had intermittent already of the control o	e NCA agrees with the MAH assessment.

NOBIVAC L4			United Kingdom	Animal	Canine/dog	7 Year(s)	17/10/2017	25/10/2017	1 1	0 17/10/20	7 Not Known,
 Yes</br 	lipase.Elevated anylase.Elevated cholesterol (Ical).Seepines - systemic disorder_ivmphopenia_increased heart rate_Pale mucous membrane_Lethargy (see also Central nervous system depression in Neurological_Paleutcant to move_Pyrexia_Not eating_Dry mucous membrane_Estiffness NOS_Tense abdomen_Elevated creatinine	No Data	Suspected Adverse Reaction on the 17 October 2017, the dog was well and was given a booster vaccination with Nobubac 14. The owner perported that within a nibur after vaccination the dog became very quiet. On the 19 October 2017, the dog was seen in practice as it was not eating, the heart rate was 14.0 by the period that with very also pink. Freatment with Non Steroidal Artii Inflammatory Drugs was given. The dog had a previous history of stomach problems. No more information expected. On 29 Nov 2016, the dog was vaccinated with Noblova Cl4 and had a similar reaction. See linked case 2017-UK-05988 Follow up 25 COL 2017-10 was vaccinated with Noblova DPPH and Noblova Lepto 4 on 20 COL 2015 and reacted. Please see linked case 2017-UK-05978: On 24 Nov 2016, dog was started on Tagamet for acid reflux. On 17 OCL 2017, a Drorntal worming tolel twas also dispense by but winkown if administered. On 19 COL 2017, owner reported dog to be selff and refluxtant to move, with dry mucrous membranes. Bloods showed, ALO 77 Gib. 1-150, IA 217 Set, Color, IAT 251 Gold, Blae cids 31.5 C. 10.5 C. estations 208 (0-190), Cholesterol 8.1 (3.8-7.0), amylase 2333 (0-1800), lipase 335 (0-100) and hymphocytes. D2 (0.8 ALO) (1.2 C.O)	Chihuahua	3.2	Loxicom unidentifiled - 1.N/A,24 hours,10.0.1 ml 24 hours,10.0.1 ml 24 hours,10.4 ml 24 hou	A - Probable	NCA agrees with MAH assessment
	GBR-MERCKMSD-201		United Kingdom	Animal	Canine/dog	8.9 Year(s)	14/10/2014		1 1		4 Yes, Not Known	Malaise	Not Known	Suspected Adverse Reaction On 14 Oct 2014, 6 op succinated with Nobius CHP and first Nobius CLP On 10 Nov 2014, 6 op uccinated with second dose of Nobius CL4, Clinically well at time. Owner reported then that dog was quiet after first dose. No further information expected. Dog had similar reactions post vaccination of Nobius CL4, developed womking liver enzyme changes and diarrhoea. See linked cases: 2017-UK-05844, 2017-UK-05845 and 2017-UK-05849	Miniature Schnauzer		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (14/10/2014- 14/10/2014)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (14/10/2014-14/10/2014)-BR>>BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCOMSD-201	7-UK-05844	United Kingdom	Animal	Canine/dog	8.9 Year(s)	10/11/2014	19/10/2017	1 1	0 24/01/20	5 Not Known, SBR>GBR >GBR>GBR>GBR>GBR>BR> Not Known, SBR>BR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GB	Abdominal pain, Tenesmus, Diarrhoea, Bloody diarrhoea, Melaena, Vomitting, Inap etence, Blood in diaces, Vaginal discharge, Pancreatitis, Tense abdomen, Abmornal lutrasound finding, Unresponsive to stimuli	Not Known	Suspected Adverse Reaction. On 10 Nov 2014, dog vaccinated with second dose of Nobbac L1, discincilly well at 1 time of vaccination. On 24 Jan 2015, dog developed voniting and diarrhoea, some faces with bloody nucous in It. However no treatment was given. On 25 Jan 2015, further diarrhoea and was dark brownyblack, or inclinical caemination abdome was plantful and was given antibotics and gastro-protectants. On 26 Jan 2015, cowner reported that dog was unresponsive and was presented and was happy and bright in Innesef. On 28 Jan 2015, presented as has bloody diarrhoea and a tense abdomen. On 29 Jan 2015, CPL snap test – abnormal levels suggest pancreatitis. The dog was hostpatiblead and started intravenous fluid therapy and pain relief. Ducksraped on 3 Jan 2015. On 5 Na 2015, reported dog improving well. On 10 Mar 2015, started vorniting and suggested was due to 30 pancreatitis. On 11 May 2015, vorniting and diarrhoea through the night as well as inappetant and was given an anti-emetic. On 23 Apr 2015, developed worniting and diarrhoea again and was given anti- entest and analysies. On 24 Apr 2015, developed worniting and started was due to nutriasound was performed and possible prometra, given further intravenous fluid therapy. On 25 Apr 2015, dog that suggery (Voranhophsercetoring) and on 25 Apr 2015 dochaeged with antibiotics and Tramadol. On 6 May 2015, dog all healed well and given Zantac and Omerpazole for possible pancreatilist faire up. On 13 Sap 2015, developed diarnories with fresh blood and tensemus, given Pro- tolin. On 15 Sep 2015, given Promas in addition. On 17 Sep 2015, small amount of blood on faces observed. Unknown of the resolved. No further information expected. Dog that diarnita reactions port 2017-UK-05843, 2017-UK-05845 and 2017-UK-05849.	Miniature Schnauzer		Antiblotic Unidentified - MANIA/NA/NA/ Ayinhowan 1 Animal START DATE 23/03/15 END DATE 03/03/15 END DATE 03/03/15 END DATE 03/03/15 END DATE 03/03/15 END DATE 03/05/15 END DATE 03/05/15/16 END DATE 03/05/15/16 END DATE 03/05/15/16 END DATE 03/05/15/16 END DATE 03/05/15/15 END DATE 03/05/15/15 END DATE 03/05/15/15 END DATE 03/05/15/15/16 END DATE 03/05/15/16 END DATE 03/05/16/16 END DATE 03/05/16/16 END 03/05/16/16 END DATE 03/05/16/16 END DATE 03/05/16/16/16/16/16/16	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-201	.7-UK-05845	United Kingdom	Animal	Canine/dog	8.9 Year(s)	08/12/2015	19/10/2017	1 1	0 09/02/20:	6 Yes	Intestinal disorder NOS,Elevated SAP,Genital tract lacking Vomiting, Dysuria, Jirinary tract infection, Elevated ALT, Abnormal ultrasound finding	No Data	Suspected Adverse Reaction On ED Rez 2015, day avaccinated with booster of Nobbuck 14 and had blood tests performed at ame time. Showed pancrestills is under control and no other abnormalities observed. On 21 May 2016, vomitting and owner suspects a recent change in food. On 27 Aug 2016, started a hyposillegenic food. On 19 Sep 2016, doi: plat order low with pancrestils but no details given On 5 Dez 2016, started vioniting again and tense abdomen. On 6 Dez 2016, blood tests performed: ALX PSF 270-13-01, ALT 541 (E) 1318, and CPT. 402 (2)(20). Started a intestinal detail on 60 Pse 2017, doi: developed a UTI and started autilisories. On 28 Feb 2017, dysuria and continued artibiotics. On 15 Mar 2017, liking value and owner is feeding coded meats. An adhormisal scan showed sightly thickened intestine mucosa. No further treatment given. No further information expected. Dog had similar reactions post vaccination of Nobivac L4, developed vomiting, liver enzyme changes and diarrhoea. See linked cases: 2017-UN-59849, 2017-UN-59844, 2017-UN-59849.	Miniature Schnauzer	8.6	Nobinat L4 Suppension for Injection for Dags - 1,N/A,N/A 1,01 ml 1 Animal (08/12/2015- 08/12/2015) BR~BR>	O1 - Inconclusive	Weak temporal association however product involvement cannot be discounted.
	GBR-MERCKMSD-201		United Kingdom	Animal		8.9 Year(s)	21/03/2017	28/11/2017	3 3	1 14/05/20	KOOWA (BR-SB Y-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-SB-	afficial, Hypoalbuminaemia, Pancre attits, Walking difficulty, Impaired vocalisation, Hyperkalaemia, Jaw pain, Urrinary tract infection, Elevated Alt, Elevated blit, acids, Elevated Sol, Pinversion of albumin/globulin ratio, Electrolyte disorder, Elevated Sol, Pinversion of albumin/globulin ratio, Electrolyte disorder, Elevated creatine-kinas (CIX), Urabile to jump, Haemorrhage NOS, Colitis, Darinosa vomiting, affected, Ocular affected, Ocular affected, Ocular affected, Ocular affected, Ocular affected, Ocular condition, Murcick wasting, and condition, Murcick wasting, Panting, Janvigot, Strache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Laryngitis, Trache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Laryngitis, Trache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Laryngitis, Trache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Laryngitis, Trache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Panting, Laryngitis, Trache at collapse, Death or Soc Soft of specific painifused wasting, Panting, Panting	Not Known	Sagested Adverse Reaction On 21 Mar 2017, dog succiasted with Nobisso. DIP and Nobisse 14 and of 24 Apr 2017, vaccinated with Nobisse Orland Robbios Legisla. On 16 May 2017, developed a pancreatist (fare up and some collists. On 4 Lul 2017, owner added turneric to diet and had a horare bark and owner presented dog with a soulone langua and use glove antibiotics. On 16 May 2017, diff and reluctant to move, sparse hair growth. Blood tests performed: Att 1518.4 (19.8-124), AUS 246 (240), AUS 246 (25-3-8.82), Ct 456 (27-25), Bille acide 24.1 [10.5-5], Caclium 1.61 (2.67-2.88), Hympol. 63 (18.3-124), But 79.6 (2.67-2.8), Bille acide 24.1 [10.5-5], Caclium 1.61 (2.67-2.88), Hympol. 63 (18.3-124), But 79.6 (2.67-2.88), Bille acide 24.1 [10.5-5], Caclium 1.61 (2.67-2.88), Hympol. 63 (18.3-124), But 79.6 (2.67-2.88), Bille acide 24.1 [10.5-5], Caclium 1.61 (2.67-2.88), Bille 2017, dog sony 41 horse and has a solid pallet irritation and started artibiotics. 10.8 15-20 (2017, dog) had a filter up of pancreatitis. On 25-5-90 (2017, acid), Caclium 1.61 (2.67-2.88), Bille 2017, dog has slightly improved. On 3 Oct 2017, pancreatitis continued and snorting not been any better and glove streeds. On 12 Oct 2017, hair cost thirmer and owner declined a work up. Later that evening dog was struggling to swallow and screaming when jaw touched. Owner opted for estudansasis. Not turner information provided so no update to the case. Alto attacked a letter sent directly to NSC collegaes. No further information is provided in the letter, it of loss have blood result attacked but these are already listed in the case. No more information of Poblova. Capical 2017, dog developed a UTI and was off colour. A urine sediment was performed that showed REC and structive crystals. Glemen artisolitics. On 16 May 2017, John down upser respiratory text noise and support and promas as well as Zantac. On 4 Jul 2017, but some upper respiratory text noise and summer and the production and forman as well as Zantac. On 4 Jul 2017, but some upper respiratory	Schnauzer		Aretibotic Unidentified - NVA,1,2 Months,24, Juhnon 2 Months Months,24, Juhnon 2 Months Unknown (N/A- N/A)-RBS-dBS-Leventa 1 mg/ml Oral Solution for Dogs - N/A,N/A,N/A 2,Juhnon 11 animal (N/A- 01,10)/2017-8BS-MBS-Metacam unidentified - N/A,N/A/N,A 2,Juhnown Unknown (N/A- N/A)-RBS-dBS-Nobbus C DFP 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-21/04/2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-21/03/2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-21/03/2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A, 3,0,1 ml 1,Animal (2,10/A)-2017-8BS-Nobbus C LF Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A	O1 - Inconclusive	A variety of clinical signs have been apported however product involvement cannot be discounted.
NOBIVAC L4	GBR-MERCKMSD-2013	7-UK-05882	United Kingdom	Animal	Canine/dog	1.3 Year(s)	15/09/2016	20/10/2017	1 1	0 24/09/20:	6 Yes, Not R>CBR> Not Known	Tonic-clonic seizure,Unconscious	Not Known	Suspected Average Reaction: On 15 Sep 2016, dog was vaccinated with Nobivac DPBPF and Nobivac Lepto 4 and was reported as clinically well at the time of vaccination. Do 24 Sep 2016, owner reported the dog had a selvine, full fortie-cloris, that Isted for 5 millione. Owner reported dog lost consciousness and had a post Ictal period of a few minutes. Unknown if any treatment given. No further information expected. This dog has had a similar reaction after treatment with Nobivac DHP, Nobivac Lepto 4 and Nobivac KC in 2017, please see linked case 2017-UK-05884.	Cavalier King Charles Spaniel	6.6	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (15/09/2016- 15/09/2016)+BRBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (15/09/2016- 15/09/2016-BRBR-	O1 - Inconclusive	The reported seizure is not an expected adverse reaction and 3 days is not a strong temporal relation, however, the rescition occured agains everal days after vaccination of the next year. A product role cannot be excluded completely. ABON=O1

NOBIVAC L4	GBR-MERCKMSD-2017-UK-05883	United Kingdom	Animal	Canine/dog	8 Week(s)	24/10/2017	24/10/2017	1 1	0 24/10	Yes, R×BR> Known		Not Known	Suspected adverse reaction Vaccinated on 24 Oct 2017 with Nobivac DHP and L4, was clinically well a the time of vaccination, immediately post vaccination the puppy developed facial oedema, but was sit bright and alert. They treated with antilistanties intransucular and the swelling decreased in minutes The puppy has been sent home. No more information expected			Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (24/10/2017- 24/10/2017):BR>=BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (24/10/2017- 24/10/2017-BR>=BR>	B - Possible	Agree with MAH assessment
NOBIVAC L4	GBR-MERCXMSD-2017-UK-05884	United Kingdom	Animal	Canine/dog	1.3 Year(s)	12/10/2017	20/10/2017	1 1	0 19/10	2017 Yes, BR> R>BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR	«B Tonic-clonic seizure es, »	Not Known	Saspected Adverse Resiction On 15 Sep 2016, dog was vaccinated with Noblevic DHPPI and Noblevic LHPPI and no reaction occurred. On 13 Oct 2016, dog was vaccinated with Noblevic LHPPI and no reaction occurred. On 12 Oct 2016, dog was vaccinated with Noblevic Lepto 4 and Noblevic KC and was responsed to the object of the Noblevic Lepto 4 and Noblevic KC and was responsed to the Oct 2016, dog was vaccinated with Noblevic LHPPI Noblevic Lepto 4 and Noblevic KC and was responsed as clinically well at the time of vaccination. On 19 Oct 2017, owner reported the dog had a fornic-clonic isclaive. The vet treated the dog with 18 mg Diazpapin metal table Blood tests were reported as normal (no results given). No other investigations performed. No further information expected.			Nobiva C DIP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (12/10/2017- 12/10/2017-BBN-SBN-Nobivas K C - 4,N/A,N/A,10,0.4 ml Unknown 1 Animal (12/10/2017- 12/10/2017-BBN-SBN-Nobivas L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (12/10/2017- 12/10/2017-BBN-SBN-SBN-Nobivas L4 Suspension for Injection for Dogs - 1,1/A,N/A,10,1 ml Unknown 1 Animal (12/10/2017-	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05894	United Kingdom	Animal	Canine/dog	8 Week(s)	11/10/2017	19/10/2017	1 1	0 14/10	Yes, →BR>→BR>→BR>→BR>→BR>→BR>→BR>→BR>→BR>→	48 Lack of efficacy (parvovirus) or	Not Known	Supported tack of Espectate (Tricary On 11 Oct 2017, the dog was vaccinated with Nobbac LPP and Nobbac 14, childred, wheal at time of vaccination vaccinated withis the reseder possession. On 14 Oct 2017, the owner picked the pupply up from the breeder and the breeder informed the new owners that the pupply had some wormling and distribens since vaccination but eating and drinking Well. On 15 Oct 2017, the pupply purported as continued vomiting and distribens. On examination, dehydrated, sticky mucous membranes, subdued and passes widers, frod us implied gardnose were noted. The pupply was admitted for intravenous fluid therapy, given anti-metic injection, antibiotic injection and gath protectants. On 18 Oct 2017, blood tests performed: Albumia 16 (20-33), Glorozot 1.6 3.5-9), Total Protein 3 (40-70), WiC 1.9 (6-14), Lymphocytes 1 (1.2-3.), Monocytes 0.2 (0.3-0.8), Granulocytes 0.1 (1.2-3, IRC 4.48) = 5.3), hearingsloin 1, 4 (1.2-9), RC V.2 (4.9) 4 (4.2-9), and temperature do degrees Celsius. Faccal sample result showed Panovirus. Antigen positive (tastes a false positive maybe seen for up to 2 weeks post vaccination () not 3 Oct 2017, temperature was 39 degrees celsius and is still hospitalised, continued bouts of vomiting and distribute with no interest in food and being supplemented with no illigence. Avail further information.	Golden Retriever t	2		N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	GBR-MERCEMSD-2017-UK-05914	United Kingdom	Animal	Canine/dog	6.7 Year(s)	12/09/2017	20/10/2017	1 1	1 15/09	Not Known	Polytipia, Pypercalaemia, Polyuri, Death by euthonais, Congestion Manuschine, Polytipia membrane, Depression, Acute remain failure, Lung sound, Lung tumour	ia Not Known	sepected Adverse Resiction. On 12 Sep 2017, day executated with Nobrac L4 and was clinically well as time of vascination other than side in defendant list in the value (no treatment was required for this). On 17 Sep 2017, the owner brought the dog into the practice as been polyuric and polydipsic for a few days. On examination, slightly depressed and mucous membranes mildly congested—no treatment we given. On 18 Sep 2017, owner cancelled the recheck appointment and ultrasound and taken dog to another vests. On 55ep 2017, very brond the owner to find out how the dog was doing and the other vest performed an ultrasound which was unremarkable. Blood tests were also performed and showed hypercalcemia and the dog was admitted for further investigation. On 27 Sep 2017, dog was referred to a referral practice. There was mild increase in bronchovescicular sounds on thoracca suscultation but remainded of the general physical examination was unremarkable. Intallo bloods showed marked lonised hypercalcemia and IRIS stage IY acute bidney failure. Dog was anaesthetised and a CT of the chest and abdomer was performed. There were diffuse, evere ling changes with coalescing pulmonary nodules and infarction. Dog was diagnosed with metastatic neoplasia and the hypercalcemia was susumed to be parametergolistic. An oespication from the was placed while dog was under anaesthesia and was treated with intravenous fluid therapy and Pamidronate. The owner opted for evaluansals. Not further information respected.	Rhodesian Ridgeback s i i t	44.5	Nobins L1 Suppension for Injection for Open 1-1/N, Al 2.0 ml 1 Animal (12/09/2017)-8R- 	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCIMSD-2017-UK-95968	United Kingdom	Animal		6.9 Month(s)	01/05/2017	30/10/2017	1 1	0 01/08	Known、目形で、 本間形で開発であり、 Known、目形で、 本間形で開発できます。 本間形で開発できます。 本間形であり、 本間形であり、 本間形であり、 を開発できます。 本間形であり、 を開発できます。 を用かできます。 を用かできまする。 を用かできます。 をできまする。 をできまする。 をできまする。 をできまする。 をできまする。 をできまする。 をできまする。 をできる。 をできる。 をできるる。 をできる。	Rs condition, Decreased appetite, Assice, Lack of 88 efficacy, Weight loss, Cutaneous Rs efficacy, Weight loss, Cutaneous Rs edema, Balved Goodens, Brailland, Phoedhamia, Barriand, Brailland, Braill	s, Not Known	agapted bits of supercted efficacy following the use of Nobbac & Reported on Bit Signteness 2017. As Spera II more follow draine neutrender (english Sirgner's Sander, weighing 10.5 light sur-succeivation with subback 1.4 in Naty 2017. The dag had also been vaccinated with Nobbac 1.4 in Naty 2017. The dag had bits one on vaccinated with Nobbac 1.4 in Naty 2017. The dag had been referred? weeks ago had the date when algos first appeared is unknown correctly. Alegoparois santbody panel was carried out and some of the results have come back were elevated as follows: Australia - In 1500, Canicola - In 400, Coprehagani - In 400, Cirpophylosa II no 400 Interhementagies - In 1400, Justma' - In 400. PCR carried out 18th Stage A. her bibops was performed and results consistent with a marked hepatopathy. Further information expected Follow policy 30 of C2017-Supercted Adverse Rescriber Of Supercted Lacks cepts. Cept 20, 2017. On 8 Mar 2016, day was vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 47 2017. On gwas vaccinated with Nobbac Lepto 4. on A 19 2017. On the Average	English Springer Spaniel		Nobinat L. L. Supervision for Injection for Dept. 11/NAIA 2-3.1 Oses Not Oroge; 1. 1/NAIA 2-4.3 Oses Not opplicable 1 Animal (10.1/05/07017-01.05/0701	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-05999	United Kingdom	Animal	Canine/dog	10 Week(s)	25/10/2017	25/10/2017	1 1	0 25/10	2017 Not Known, <b Not Known, < >BR><b Not Known</b </b 	R>	Not Known	Supercited Adverse Reaction. On 75 Oct 2017, day was vascontated with Robbiec Legod a and was reported as clinically well at the time of vaccination. Owners gave Nesgard and Millemax when they got home. Two to three hours later wet reported the day as having swollen eyes and muzzle and laboured breathing after playing out in the parien. Day treated with steroids intramaccularly. Vet reported later that day day was improving, but not fully recovered. Vet is suspicious of a sting reaction No further information expected.	Crossbred		Millbernax Chewable Tablets for Small Dogs and Pupples - 1,N/A.N/A 2.4,1 Dose Unknown 1 Animal (25)10/2017: A Control of the Control of the 25,10/2017: A Lose Unknown 1 4,10/40/14,1 Dose Unknown 1 1 Animal (25/10/2017: 25/10/2017)-887-889-bolbvac L4 Suspension for Injection for Dogs - 1,1/A/N/A, 2,0 II Unknown 1 Animal (25/10/2017: 25/10/2017)-887-889-8	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06005	United Kingdom	Animal	Canine/dog	9 Week(s)	23/10/2017	25/10/2017	1 1	0 23/10	2017 Yes, <r> N</r>		Not Known	Suspected Adverse Reaction On 23 Oct 2017, 60g vaccinated with first dose of primary course of Nobbuca CPH and Nobbuca L4, clinically well at time of vaccination. Approximately 30 minute post vaccination developed facial oedema and redness over his ventral abdomen and between toes. Presented to en memperory practice, where dog was admitted and given Chropheriamme injection. examination, bright, heart rate 150 beats per minute, temperature 102, 3 degrees Fahrenheit. After 30 minutes swelling reduced and was discharged with Printon. On 24 Oct 2017, purply everamined and continued tablets but was not himself and had swollen nose and he was given a Dexadreson injection. Mo further information expected.	French Bulldog		Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (23/10/2017- 23/10/2017) -BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (23/10/2017-23/10/2017) 	B - Possible	NCA agrees with MAH assessment

Page													1							
Page		GBR-MERCKWISD-2017-UK-06008		Animal	Canine/dog	9 Year(s)	23/10/2017	09/11/2017	7 1	1 0	24/10/2017	Yes	lump,Disorientation,Inappetence,Le thargy (see also Central nervous system depression in 'Neurological')	No Data	presented as inappeatant, stiffness, painful injection site lump, salivation, disorientation and temperature 39.5 degrees Celsius. The dog was hospitalised and an intravenous cannula placed. On examination there are no neurological deficits and the dog was quiet. No further information expected. Follow pol 9Nov 2017-0. Pol 50 C 2017, dog was kept in the hospital for 24 hours an edge antibiotics, non-steroidal anti-inflammatories and anti-emetics. The temperature returned within normal parameters. On 50 CCt 2017, dog was discharged home. On 70 CCt 2017, presented for a charge up and was bright, esting and temperature normal but still a swelling on her neck. On 1 Nov 2017, swelling was more soil and cross her neck, non-painful - conflicted antibiotics and non-steroidal anti- inflammatories. On 8 Nov 2017, re-examined and the dog has no lump and all other signs have fully resoluted No further information exerces informations.	Springer Spaniel n	22.8	Animal (23/10/2017- 23/10/2017) 	A - Probable	NCA agrees with MAH assessment
Seglon Or and Notice (Life Color Internoty spring or the Section Internation Internoty spring or the Section Internation Internat	NOBIVAC L4	GBR-MERCKMSD-2017-UK-06027		Animal	Canine/dog	10 Month(s)	01/01/2017	25/10/2017	7 1	1 1	16/10/2017	> 			Nobixa DIPI and Nobixa CLB. The dog was vaccinated with breeder as a puppy but not stated what vaccines given just hat were Nobixa and avail documentation to confirm. On 15 Cct 2017, dog vonited twice and been lethangic and on 16 Cct 2017, owner found a pool of blood (jushnown if its vorum), facese; or vornity. Presented and not licture, heart rate 90 beats per minute, mucous membranes, painful in abdomen - vorniting and tarry diarrhose. Blood tests performed: ALB 708 (23 221), ALT 30 (10 1215), Amilyas 2 > 500 000 50100, IUV eas 3 5, 5 2 + 6.6, For self or fixed end no reference range given), GoT 19 (11), Glucose B. 14 (4.11-7.95), Lipase 8375 (200-1800), Prosphorus 4 1 (6.4 - 2.7), and blinkinds 370 (6-15), Sodium 140 (144-180), Cholesterol 103 (109 2-12), MVG 2005 (11), Glucose B. 14 (4.11-7.95), Lipase 8375 (200-1800), Prosphorus 4 1 (6.4 - 2.7), and blinkinds 370 (6-15), Sodium 140 (144-180), Cholesterol 103 (109 2-12), MVG 2005 (100 2), Amily 100 (144-180), Amily 100 (144-180	Schnauzer	10.95	Unknown 1 Animal (01/01/2017- 01/01/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/01/2017-	O - Unclassifiable/unassessa ble	Awaiting more information
NOBINAC L4 GIBN-MERCAMGD-2017-UK-GOOD Animal Camine/dog 3 - 9 NordH(s) Support Advanced and passed ways up for farth redailing levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed and passed ways up for farther dataling levels of price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the great passed on the symbol to price from the great passed on the symbol to price from the great passed on the	NOBIVAC L4	GBR-MERCKMSD-2017-UK-06045		Animal	Canine/dog	14 Week(s)	21/10/2017	26/10/2017	7 1	1 0	25/10/2017		body temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Hind limb ataxia, Proprioception loss, Blotchy rash, Neurological pain NOS, Prolonged capillary refill	No Data	DHP and Noblace L4. On the 7 October 2017, the dog was given the second injection of Noblace OHE On the 21 October 2017, the dog was given the second injection of Noblace L4 On the 25 October 2017, the dog became lethargic and on the 26 October 2017, the dog showed shaking signs, was wobbly on the back legs (falls to right as walls), he head was bobbly its mucroas membranes were pink and the Capillary Refill Time was above 2 seconds, he also had pink blotches on the skin, was unrating without knowing, had lost proprioception on his hind legs and dic have deep pain response, the temperature was 35 of degree Celbur. Terestment with intra Venous Plidd Trenay, methadone O.		6.1	Unknown 1 Animal (07/10/2017- 07/10/2017) BR>>BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (21/10/2017-	O - Unclassifiable/unassessa ble	Awaiting blood test results.
Month(s) Month(s)	NOBIVAC L4	GBR-MERCKMSD-2017-UK-06055		Animal	Canine/dog	3 Month(s)	19/09/2017	26/10/2017	7 1	1 1	16/10/2017	R> Not	Death,Lack of efficacy	Not Known	Nobivac DHP and Nobivac L4, clinically well at time of vaccination. On 16 Oct 2017, puppy became unwell and passed away (no further details given). A post mortem was performed and confirmed	Staffordshire Bull Terrier	Not Known	Not applicable 1 Animal (19/09/2017- 19/09/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal	B - Possible	The puppy passed away shortly after the 15/10 when first signs were noted and Leptospirosis was confirmed. With the available information a lack of efficacy cannot be excluded.
RS-RB-Yes, MOS-lead tremor Brain disorder 4BR-BB-Yes MOS-Abnormal test result BR-BB-Yes MOS-Abnormal test result BR-BB-Yes MOS-Abnormal test result As a proper of the dog bears are great per laminuses, otherwise and termors listing be of the dog bears are great per laminuses, otherwise and test per laminuses. The per laminuses are laminused to the per laminuses and test per laminuses. The per laminuses are laminused to the per laminuses and test per laminuses. The per laminuses are laminuses and test per laminuses and test per laminuses. The per laminuses are laminuses and test per laminuses and test per laminuses. The laminuses are laminuses and test per laminuses and test per laminuses. The laminuses are laminuses and test per laminuses. The laminuses are laminuses and test per	NOBIVAC L4	GBR-MERCKMSD-2037-UK-06070		Animal	Canine/dog		30/10/2017	31/10/2017	7 1	1 1	30/10/2017		hepatitis,Splenitis,Fit,Pneumonia,De ath,Septicaemia,Abnormal test result,Abnormal necropsy	No Data	DHPN. The Gog appeared healthy at the time of vaccination. Later that evening the dog was admitted as at twas iterbarge and dull. The dog was placed on intravenous fluids. The dog started fitting and on DCt 2017 the dog died. Awaiting post mortem results. Follow up 02 Nov 2017: Initial post mortem results show possible penumonia as the underlying cause of death. No signs of a hyperemshifty reaction have been seen. Dog came to the rescue centre on 29 Oct 2017 and was vaccinated on 30 O 2017, therefore any history of previous liness or critical signs is unknown. It is possible that the dog may not have been in full health at the time of vaccination as post mortem showed that the dog had not eaten in a test 24 hours. Awaiting further confirmation from histology. Follow up 0.0 Dec 2017. The histopathological findings revealed a bacterial septicaemia in the dog characterised by interstitial necrotising pneumonia, necrotising phenomia, necrotising phenomia, necrotising healthst and supportative spelnits. A pure moderate growth of Patteurella canis was isolated from the lung. While this organism can be found as a commensal in the noise and upper respiratory tract of dogs, thas been associated with septicaemia and is the likely.	d B1		Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (30/10/2017- 30/10/2017) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal	O1 - Inconclusive	NCA disagrees with MAH assessment - although the post morten has shown underlying pathology the role of the vaccination in the clinical signs of lethargy, duliness and seizures cannot be fully discounted.
Diagnosis: Inflammatory CKS Disorder. Dog started with a course of Desamethasone 2 mg in the 1.14/A/M.2.4.1 Does Not applicable 1.04/A/M.2.4.1 Does Not appl	NOBIVAC L4	GBR-MERCKNASD-2017-UK-06088		Animal	Canine/dog	5 Year(s)	03/07/2017	30/10/2017	1	1 0	28/07/2017	R> Yes, <	NOS,Head tremor,Brain disorder	No Data	2017. A Syear old, male neutrened, Labrador had vaccinations of Nobbiac DHP / L4 /K Cn and July 2017. In the 28th July 2017, the dog leap neverlencing head remon is stating 5-10 minutes, otherwise normal and no other neurological abnormalities. On the 1st August 2017, the dog was given another L4 vaccine and went on to have further head tremors. Blood test results were normal. The vet then referred the dog for an MRI scan which revealed mild right frontal lobe meningeal enhancement. Stransplass was normal for cells count and protein content, but showed the presence of some macrophage. PC no CS for Distemper, Toxoplasmosis and Neosporous Were negative. Suspected Diagnosis: Inflammatory CKS Disorder. Dog started with a course of Dexamethasone 2 mg in the morning and Randition as a pastroprotectant. The dog had Nobious vaccines as a pubpy without issue	Retriever		Not applicable 1 Animal (03/07/2017-03/07/2017-03/07/2017-03/07/2017-08R>-\BR>Nobivac KC-1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (03/07/2017-\BR>-\BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (03/07/2017-07)	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCIMSD-2017-UK-06097 United Mingdom Animal Camine/dog 3 Month(s) 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1 1 0 2 27/10/2017 1			Kingdom						7 1			R>SR>Not Known	itching.Swollen eye,Swollen lip (see also 'Skin')	Not Known	14, clinically well at time of vaccination. One hour post vaccination, the dog's eyes were swollen and net the dog presented to the practice. On examination, the eyes were closed, face was liftly and the eyes the dog presented to suffice and less started to swell. The dog was admitted, given Devalort and an antihistamine injection and all placed on intravenous fluid therapy. The swelling started to improve and the dog was more comfortable. The practice was preparing to discharge the patient back to the owner. No further information expected.	d Spaniel		Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Not applicable 1 Animal (27/10/2017- 27/10/2017)-6R×-8R>Noblvac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Not applicable 1 Animal (27/10/2017- 27/10/2017)-6R×-8R>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCIXMSD-2017-UK-05100 United Human Human 27 Year(s) 27/10/2017 1 1 0 0 27/10/2017 1 1 0 0 27/10/2017 1 1 0 0 27/10/2017 Not Known Injection site bleeding Not Known Infection site bleeding She washed her hands with Hibiscrub.	NOBIVAC L4	GBR-MERCKMSD-2017-UK-06100		Human	Human	27 Year(s)	27/10/2017	27/10/2017	1	1 0	27/10/2017	Not Known	Injection site bleeding	Not Known		nt Human				

NOBIVAC L4		United Kingdom	Animal	Canine/dog	6 Week(s)	19/10/2017	27/10/2017	8 5	1 21/10/2	Known, BR-BI *BR>BR>BR>R Yes, GR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CB	ste),Breathing difficulty	Not Known	Suspected Adverse Reaction On 19 Oct 2017, eight puppies vaccinated with Nobbac DHP and Nobbac L LA. On 2 10: C1071, five pupples started showing blue eyes and then one puppy developed a diffuse swelling around neck (lump in throat). On 22 Oct 2017, given Synulox and Desadreson. On 23 Oct 2017 the puppy died from the diffuse swelling causing breathing difficulties. No further information expected.	Labrador Retriever ,		Deaderson 2 mg/ml Solution for injection - 11,10/N/A,10,011 ml 11 Animal-RBR-22/10/17 - treatment start date (N/A. 22/10/2017)-RBRBBR-Noblwac DHP - 13/N/A/A,10,1 ml Not applicable 1 Animal (19/10/2017-BN-DBR-Noblwac L4 20/N/A/A,10,1 ml Not applicable 1 20/N/A/A,10,1 ml Not applicable 1	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCXMSO-2017-UK-06123	United Kingdom	Animal		8.8 Year(s)	10/08/2017	31/10/2017	1 1		1017 Not Known, GBR>GBI > GBR>GBR>GBR YES, GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>	oedem.p/rexia_tethargy (see also Central nervous system depression in "Neurological"). Amorevia_Hepatopa hy_Hepatomegaly,Ccular discharge_Emes_blamhos_Aleutopenia_Monocytosis_Elevated objects_collecterol (total)_Proteinuria_Elevated ALT	No Data	Suspected adverse reaction following the use of Nobiac DHP/LA/EC reported on 31st October 2017. 8 year 9 month Oxf. female neutered, 1946. Russel Terier, every height 10.3 kg was given Nobiac DHP/LA/EC on 10th August 2017. The dog was clinically well at the time of vaccination. On the 15th August 2017, the dog was prescribed as lettleman for the conjunctive. Blood tests were taken which showed Alt 270 (15-60), AP 1058 28 2000, Phosphate Ossell 10.2.5. Cholestered 19.2 (18.47). Neutropens and Monocytosis. Artibiotic injection was given and the dog was sent home with toral artibiotics. On the 15th August 2017, the dogs temperature was 38.1 c.3, and few was still not warring to eat; vernifing was ongoing but no damrhoea. Dog was put onto intraverous fluth therapy (IVPIT) for the day and was discharged in the evering, Govern Articlematic Injection. On the 17th August 2017, a blood test was taken which showed Alt 17th (15-60), AP 1812 (28-200), Albumin 22/2-43), Phosphate to 79 (12-5). Under 10.2. Albumin 22/2-43), Phosphate to 79 (12-5). Under 10.2. Albumin 22/2-43), Phosphate to 79 (12-5). Under 10.2. Albumin 22/2-43, Phosphate (19.4). Albumin 22/2-43, Phosphate (19.4). Albumin 24/2-43, Albumin 24/2-44, Albumin 24/2-43, Albumin 24/2-44,	Terrier		Antibiotic Unidentified - MANIA/NA/A JUA/FORMO Unknown Uts/R08/2017-15/68/2017-15/68/2017-16-18-Noblowa DHP - JAI/A/NA/A 2-4.1 Dose Not applicable 1. JAI/GAI/A 2-4.1 Dose Not applicable 1. Animal [10/69/2017-16/16-18-Noblowa K-1. JAI/MA/A 2-4.1 Dose Not applicable 1. Animal [10/69/2017-16/16-18-Noblowa K-1. JAI/MA/A 2-4.1 Dose Not applicable 1. Animal [10/69/2017-16/16-18-Noblowa L4 Suspension for injection for Dogs 1.4 Animal [10/69/2017-16/16-18-Noblowa L4 Suspension for injection for Dogs 1.4 Animal [10/69/2017-16/16-18-18-16-18-18-18-18-18-18-18-18-18-18-18-18-18-	B - Possible	Pyrexia, lethargy, emeis, anorosis, diarrhose may occur shorty, after excitation and 54 givs, is still a reasonable time to onset. Change in live parameters and other blood changes have often beseen following this vaccination, although are not described on the SPC. Cannot exclude ground: Involvement. Three vaccines administered concurrently, Overall ABDN B
NOBIVAC L4	GBR-MERCKMSD-2017-UN-06126	United Kingdom	Animal	Canine/dog	9 Week(s)	16/10/2017	27/11/2017	1 1	1 28/10/2	117 Yes_GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-	hypothermia_lethargy (see also Central nevous system depression in "Neurological").Depression,Reluctar 1 to move,Malaise,Respiratory sound,Not eating-Generalised weakness,Paralysis NOS_Elevated BUN_Elevated BUN_Elevated BIN_Elevated Binse,Hyponatremia_Hypoentorae mia_Low blood pressure_Diarrhoea_Vomiting.Hyper calcaemia_Reduced reflexes_Death	Not Known	Suspected Adverse Reaction. On 9 Oct 2017, puppy vaccinated with Nobbac KC and was clinically well at the time of vaccination. On 16 Oct 2017, puppy vaccinated with Nobbac KC and was clinically well at time of vaccination. On 28 Oct 2017, puppy vas quete and Nobbac Lc and again was clinically well at time of vaccination. On 28 Oct 2017, puppy was quete and lethragic and on examination, temperature 37.9 degrees Cellus, slight increase in respiratory sources and retherance to move. Given antibiotics and was discharged. On 30 Oct 2017, re-examined, puppy had deteriorated - testraglegic with generalised evalents between twas slight however could not wait. No carnial defect, no history of trauma and propinception present but reduced withdrawal reflexes. Suspected movermentages are supported to the support of the propince o		0.66	Nebbac 0HP - 1.M/A/M/A (2.1). ml 1 Animal (16/10/2017):eBR-Nebbac KC - AN/A/M/A (1.0). ml 1 Animal (10/10/2017) 05/10/2017:eBR-Neb-Nobbac LG - 05/10/2017:eBR-Neb-Nobbac L4 Suppression for Injection for Dogs - 1.M/A/M/A (2.1) ml 1 Animal (16/10/2017):eBR-NebPAC (16/10/20	O1 - Inconclusive	12 days is still a reasonable relation in time. The post uniforms showed no gross or microscopic changes to indicate a cause for the clinical signs and death of the dog, There were no signs to suggest that vaccine administration was the direct cause. The post morrier was inconclusive, therefore assessment is inconclusive, but product involvement cannot be excluded.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7 Month(s)	27/06/2017	31/10/2017	1 1	1 27/10/2	Known, <bi> <br known<="" not="" td=""/><td>Death by euthanasia, Lack of efficacy</td><td>Not Known</td><td>Suspected Lick of Expected Efficacy, On 30 May 2017, day succinated with Nobiwac DHP and Nobiwa LA. On 31 Jun 2017, vaccinated with second dose of Nobiwa La On 27 Jun 2017. Clinically well at the time of all vaccinations. On 27 Oct 2017, day greented to practice as not eating or drinking. One examination, temperature 33 Ladgess 26 elsis, somitting and pale musoum embranes. Antiblotics were dispersed. On 30 Oct 2017, returned back to practice as developed bloor in draces, not eating of with seal most particles of the seal of the</td><td></td><td>24.2</td><td>Nobisco 14P - 1,N/A/N/A, 10,1 ml 1 Animal (13/06/2017- 13/06/2017-88R-88P-Nobisca L4 Suspersion for Injection for Dogs - 1,N/A/N/A, 10,1 ml 1 Animal (27/06/2017-27/06/2017)-BR>-BR></td><td>O - Unclassifiable/unassessa ble</td><td>Awaiting information</td></bi>	Death by euthanasia, Lack of efficacy	Not Known	Suspected Lick of Expected Efficacy, On 30 May 2017, day succinated with Nobiwac DHP and Nobiwa LA. On 31 Jun 2017, vaccinated with second dose of Nobiwa La On 27 Jun 2017. Clinically well at the time of all vaccinations. On 27 Oct 2017, day greented to practice as not eating or drinking. One examination, temperature 33 Ladgess 26 elsis, somitting and pale musoum embranes. Antiblotics were dispersed. On 30 Oct 2017, returned back to practice as developed bloor in draces, not eating of with seal most particles of the seal of the		24.2	Nobisco 14P - 1,N/A/N/A, 10,1 ml 1 Animal (13/06/2017- 13/06/2017-88R-88P-Nobisca L4 Suspersion for Injection for Dogs - 1,N/A/N/A, 10,1 ml 1 Animal (27/06/2017-27/06/2017)-BR>-BR>	O - Unclassifiable/unassessa ble	Awaiting information
NOBIVAC L4	GBR-MERCKMSD-2017-UN-06214	United Kingdom	Animal	Canine/dog	4 Month(s)	27/10/2017	03/11/2017	1 1	0 27/10/2	1917 Yes, > > <br< td=""><td></td><td>No Data</td><td>Suspected adverse reaction following the use of Nobivac DHP & L4 reported on 3 rd November 2017. A nombt old, female Staffordshire Bull Ferrier, weighing 5 gas wag selven Nobivac DHP and Nobivac L4 a first vaccination on 27th October 2017, clinically well at the time of vaccination. On the 2nd November 2017, the dog was unable to stand and lethraging and had been vomitting since the vaccination. On examination, the dog had a small amount of diarrhoea with some blood, week limbs, mucus membranes were dar kip ink and tooks, surkine eyes, looked as if the was staggering to the left, temperature was normal, respiratory rate high. The dog was admitted for intravenous fluid therapy (VIT) and blood sample was taken-Clauscor 7 (42-7.1) Lines 43.79 (3.3-10.0). Creatinize 283 (3.0-10.0). Colocitation 11.64 (2.9-8.1), Total billiurian 10 (2.0-9.0), Colicium 38.7 (2.3-3.0), Phosphate 4.84 (0.9-15), Total promise vas taken-Clauscor 7 (4.6-7.1) Lines 43.79 (3.3-10.0). Residence of the color of the</td><td>s Bull Terrier</td><td>5</td><td>Nobiac DIP - 1.N/A.N/A. Dose Not applicable 1.00 (27):0107- 1027/10/2017- 27/10/2017-88R-SB-Nobiac L4 Suspension for Injection for Dogs - 1.N/A/N/A.24 (20 see Not applicable 1.Arimal (27/10/2017- 27/10/2017/SBR-SBP)</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<>		No Data	Suspected adverse reaction following the use of Nobivac DHP & L4 reported on 3 rd November 2017. A nombt old, female Staffordshire Bull Ferrier, weighing 5 gas wag selven Nobivac DHP and Nobivac L4 a first vaccination on 27th October 2017, clinically well at the time of vaccination. On the 2nd November 2017, the dog was unable to stand and lethraging and had been vomitting since the vaccination. On examination, the dog had a small amount of diarrhoea with some blood, week limbs, mucus membranes were dar kip ink and tooks, surkine eyes, looked as if the was staggering to the left, temperature was normal, respiratory rate high. The dog was admitted for intravenous fluid therapy (VIT) and blood sample was taken-Clauscor 7 (42-7.1) Lines 43.79 (3.3-10.0). Creatinize 283 (3.0-10.0). Colocitation 11.64 (2.9-8.1), Total billiurian 10 (2.0-9.0), Colicium 38.7 (2.3-3.0), Phosphate 4.84 (0.9-15), Total promise vas taken-Clauscor 7 (4.6-7.1) Lines 43.79 (3.3-10.0). Residence of the color of the	s Bull Terrier	5	Nobiac DIP - 1.N/A.N/A. Dose Not applicable 1.00 (27):0107- 1027/10/2017- 27/10/2017-88R-SB-Nobiac L4 Suspension for Injection for Dogs - 1.N/A/N/A.24 (20 see Not applicable 1.Arimal (27/10/2017- 27/10/2017/SBR-SBP)	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06221	United Kingdom	Animal	Canine/dog	8 Week(s)	02/11/2017	03/11/2017	1 1	0 02/11/2	017 Yes, < R> Ye	B Drooling, Diarrhoea, Emesis, Hypothe rmia, Dehydration, Nausea	No Data	Sagested adverse reaction following the use of Nobinet DHP/IA reported on 3rd November 2017. An a week old, raise dog of unknown breed was given his second vacination of Nobinet DHP and Nobine JA on 2nd November 2017. In was clinically well at the time of vaccination. 24 hours later, the dog came in to the vest Gooding, nauseous and dehydrated having had distrinces the right before and womiting that morning. The dog had a temperature of 37 degrees. The dog was put note intravenous fluid threapy (VIPT) and antiementes. Whith 2 hours the dog het recovered. The vest is convinced that this was a reaction to something the puppy had eaten and not to the vaccination. No further information execution.	Other c Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (02/11/2017-02/11/2017-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (02/11/2017- 02/11/2017-BR>-BR>	B - Possible	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCKMSD-2017-UK-06234	United Kingdom	Animal	Canine/dog	8 Week(s)	31/10/2017	03/11/2017	1 1	0 01/11/201	Y Yes, <br R> Yes</br 		No Data	Suspected adverse reaction. Znd vaccination given with Noblwac DIP and Noblwac L4 on 31 Cxt 2017 It vaccination details unknown. The owner noted the pup be acrea queit and a little of flood around lunchtime on 1 Nov 2017. On 2 Nov 2017, the puppy started womiting and having very yoft mucusy florest. It presented to vets with weight loss, depludated, temperature 39.8 can advanted for IVIT and supportive medications for the day. It went home as significantly brighter by the evening. The faceal snap test - parvo positive. On 3 Nov 2017, it was still well. No more information expected.		2	Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (31/10/2017- 31/10/2017-BR> Nobivac L4 Suspension for ripection for Dogs - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (31/10/2017- 31/10/2017-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06259	United Kingdom	Animal	Canine/dog		01/07/2016	06/11/2017	1 1	0 01/08/201		Immune mediated thrombocytopenia	No Data	Suspected adverse reaction following the use of Noblows CHP and KC reported on the 6th November 2017. An 9 year of lorbiner cross Spanier loss vaccinated with Noblosc CHP. Let an detenden Cough in July 2016. The dog had a cruciatio operation approximately 3 weeks later. Medications used at this time are unknown. One week after the cruciatio operation, the dog developed and interpretation of the country of	Crossbred	Not Known	Nobiva CHP - 1.N/A.N/A. 24.1 Dose Not applicable 1.Animal (01/07/2016- 01/07/2016-BR>-BR>-Nobivac KC - 1.N/A.N/A. 24.1 Dose Not applicable 1.Animal (01/07/2016- 01/07/2016-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A. 24.1 Dose Not applicable 1.Animal (01/07/2016- 1.07/27/016/BR>-BR>-		NCA agrees with MAH assessment.
	GBR-MERCXXXSD-2017-UK-06285	United Kingdom	Animal	Canine/dog		26/10/2017	30/11/2017	1 1	04/11/201:	R>-GBR>-GRP>Not Known	collapse (see also 'Neuvological' and 'Systemic disorders') Involuntary defectation, Diarrhoea, Haemorrhagi c gastroenteritis, Not drinking, Respiratory distress, Pulmonary distress, Pulmonary ocdema, Hydrothorax, Death, Hygot hermia, Malaise, Bilood in facees, No eating, Abnormal recrypt resulf, Ehonormal recrypt finding, MT – actic (interstittal) pneumonia/pleuropneumonia, Enlarged dymph node (localised)	Not Known	Siappeted Adverse Reaction On 26 Cet 2017, puppy vaccinated with Noblave LDP and Noblave LBA clinically well at time of vaccination, however the owner did mention the puppy had passed some bloody faces whilst in there possession but then that cleared up. On 5 Nov 2017, owner presented to puppy lack into the practice as was passing waterly darknose for 27 abours, had some blood in his faces and had deteriorated as was quiet and not eating or dirinking. On examination the puppy was too low to register on the thermometer. The puppy was admitted and given intravenous fluid therap too low to register on the thermometer. The puppy was admitted and given intravenous fluid therap test, the puppy started getting repetatory difficulty and cardiac arrest. Given adrenaline and started test, the puppy started getting repetatory difficulty and cardiac arrest. Owne adrenaline and started to be performed. Awast further information. It was stated some discrepancy with the supplier of the thoughput and moderate, difficult passed passing the properties of the started pullinosing opening. The puppy was made to the started puppy of the chart gas a was bought from pappy farm. Policy up 30 Nov 2017 - Pot mortem showed moderate, diffuse a bleast morter and pullinosing opening. The was an and hydrothoras and pullinosing opening. The meeterfite, lymph node was sightly promisent. There was an and hydrothoras and pullinosing opening and the puppy and the properties and was pophytic or Cardial Promoving (CPA). Cardial Promotion closed case.	is ,, p p is		Nabbac 0HP - 1.N/A/N/A 10.1 ml 1 Animal (26/10/2017)-8R-N-0bbac L4 Suspension for Injection for Dogs - 1,N/A/N/A 10.1 ml 1 Animal (26/10/2017-26/10/2017)-8R->BR-		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXMSD-2017-UK-06302	United Kingdom	Animal	Canine/dog	9.4 Year(s)	31/10/2017	07/11/2017	1 1	0 01/11/201		Hypoalbuminaemia, Hypoglyca emia Hyperphosphataemia, Elevated ALT, Elevated total bilirubin, Elevated SAP, Elevated gamma-glutamy transferase (GGT), Dull, Monocytosis, Hyponatre mia, Hypochlor emia, Low platelet count, Leucocytosis, Neutrophilia, Vc miting, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise, Off colour	, Not Known	Suspected Adverse Reaction On 31 Oct 2017, day succinated with Nobwa Lt and Nobwa KC, clinics will at the time of vaccination. On 1 No 2017, day became off lookup, voniting bile and froth, dull and lethangic. The owner administered Lactulose as thought day seemed constpated. On 7 Nov 2018 presented and one-samination was quite that alreal and no other abmormalistic described. Blood resist performed: WBC 32.38 [5.05-16.78], Neutrophill 2.6 [2.65-11.84], Monocypes 6.16 [0.16-1.12], Debited et 2 (1.88-48), Ligousce 119 (1.88-75.95), Phosphorus 2.25 (0.81-2.20), Sodium and (104-150), Chioride 103 (109-122), Albumin 21 (12-39), All 1195 (10-125), All 2105 (23-212), GoT 37 (0-11) and total billicants 19 [1.3], Given Cerenia injection, Rantidise and Morodras ballets. Dogs being treated for bacterial hepatitis however no confirmed diagnosis. No further information expected.	7.	d 59.65	Noblac KC - 4.N/AN/A,10,0.4 ml 1 Amimal (31/10/2017)-8R>-8R>-Noblac L4 Suspension for Injection for Dogs - 1,N/AN/A,10,11 if Animal (31/10/2017-31/10/2017)-8R>-8R>	B - Possible	NCA agrees with MAH assessment
	GBR-MERCXMSD-2017-UK-06303	United Kingdom	Animal	Canine/dog		11/11/2016		1 1	31/10/201	Known, Known, KR> KR> KROWN, KROWN, KROWN, KROWN, KROWN, KROWN, KROWN, KROWN, KROWN, KROWN K	Death, tack of efficacy (parvovirus)	Not Known	Serious suspected lack of expected efficacy following the use of Nobiac DNP and Nobiac LN reported on 8th November 2017. A13 year oid, female neutered. Hungarian Visia costs, weglings 19, lag was given Nobiac DNP and Nobiac Lepto 4 on 11th November 2016. The Gog was clinically goin downlind and losing weight at the time of outcardation. Over the ammer, this dog had a supected adverse reaction to loofbal inhalational anaesthetic, presenting with scales on her nose, periorbital adverse reaction to loofbal inhalational anaesthetic, presenting with scales on her nose, periorbital weighting. Dog had not been right since, with health and weight wang and waring over the summer autumn. In September, the dog presented with joint pain and received NSIDs. Also developed incontinence a ringly and was got on Incursion. On the 13st October 2017, the dog was comiting and in a small amount of diarrhoea. Owner declined consultation. Diarrhoea turned to frank blood over in and the dog had passed away by morning. Post morner results have come back as positive for pany virus (sample from facces PCR). Presumed cause of death was blood tos from the gastroinectimal critic Atto sign of megalast. Panovolvius is the locality. The other dog in the houselold is also show signs of milder gastroenteritis at the moment. This is reported in case US-2017-08309. Further information may been available. Follow up 17 Nov 2017. Yet reported the oth dog in the household was negative for Panovirus by PCR testing. Await further information.	Pointing Dog (Vizsla) and tht		Incurin 1 mg Tablet - N/, NA/, NA/, NA/, 24, Unknown Unknown Unknown (Un/09/2017-N/A), eBr-sBR-NSAID unidentifies - N/, NA/, NA/, NA/, NA/, NA/, NA/, NA/,	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2017-UK-06309	United Kingdom	Animal	Canine/dog		11/11/2016	17/11/2017	1 1	0 06/11/201	Not Known,
 Not Known</br 	Lack of efficacy (parvovirus)	Not Known	Siapected lask of expected efficacy following the use of Nobine CIPP and Nobine L4 reported on In- November 2017. A 14 year off, and ne netwert cross treed dog of inknown weight was given Nobine DIPP and Nobine Lepto 4 on 11th November 2016. On the 6th November 2017, the dog was quiete than usual and produced some soft stools. Temperature 18.2.C. The vet dispersed metronidapule. As the was walfiles on to the consulting room, the dog produced dainness after was remarked. He was walfiles on the the consulting room, the dog produced dainness thravenous fluids. He memorthings: The vet admitted him immediately and placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo placed him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo pseudo him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He memorthings: The vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He man of the vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He man of the vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He man of the vet admitted him immediately and pseudo him on 24 hours intravenous fluids. He man of the vet admitted him on 24 hours intravenous fluids. He man of the vet admitted him on 24 hours intravenous flu	ac	Not Known	Nobiac DHP -1,N/a,N/a,24,1 Dose Not applicable 1 Animal (11/11/2016- 11/11/2016-BR>-BR>Nobivac L4 Suspension for injection for Dogs- 1,N/a,N/a,24,1 Dose Not applicable 1 Animal (11/11/2016- 11/11/2016)-BR>-BR>		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06313	United Kingdom	Animal	Canine/dog	10 Week(s)	08/11/2017	08/11/2017	1 1	0 08/11/201		Swollen eye,Swollen face (see also 'Skin'),Swollen lip (see also 'Skin'),Swollen lymph node	No Data	Siapected Adheres Reaction On the 8 November 2017, the dog was clinically well and at 9.20 an way given hobbace 179 and Nobbace 14. A hit little (unknown the east time) the owner bought the dog back to the practice as he had swollen face. At examination, eyelids, muzzle, lips and sub-mandibular lymph nodes were swollen. Treatment with Intra Venous Fluid Therapy and intramuscular steroid injection was given. No more information expected.	s English Cocker Spaniel	4.5	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (08/11/2017- 08/11/2017-18R-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (08/11/2017- 08/11/2017-BR>-BR>	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06320	United	Animal	Canine/dog	3 Year(s)	05/07/2017	08/11/2017	1 1	1 02/08/20		Haemorrhage NOS,Emesis,Gall	No Data	Serious suspected adverse reaction following the use of Nobivac L4 reported on 8th November 17. A 3	Chihuahua	Not	Anaesthetic Unidentified -	O1 - Inconclusive	NCA does not agree with MAH. Onset of signs 28 days
			Kingdom	ļ			l i				Known, <br< td=""><td></td><td>1 1</td><td>year old, male neutered Chihuahua, 3 years, of unknown weight was given his first Nobivac L4</td><td></td><td>Known</td><td>N/A,N/A,N/A ,24,Unknown</td><td></td><td>after vaccination is not too late to be product related,</td></br<>		1 1	year old, male neutered Chihuahua, 3 years, of unknown weight was given his first Nobivac L4		Known	N/A,N/A,N/A ,24,Unknown		after vaccination is not too late to be product related,
				ļ			l i				> 	NOS,Hepatic necrosis,Hepatic toxicosis.Hepatomegalv.Icterus.He	l i	vaccination on 5th July 17. On 5th August 17, the dogs appetite was reduced over the last 3 days.			Unknown, Treatment Start and End Date 11/08/17 (N/A-		particularly for immuno-mediated reactions. Cases of hepatic toxicity have been seen in a number of cases
				Į.			l i				Not Known, <br< td=""><td></td><td>l i</td><td>Shaking intermittently, fell off the sofa & was walking oddly. Examination: stiff on hind legs as if</td><td></td><td></td><td>N/Al<rr><rr>Antihintic</rr></rr></td><td></td><td>following the use of this vaccine. However, it is not</td></br<>		l i	Shaking intermittently, fell off the sofa & was walking oddly. Examination: stiff on hind legs as if			N/Al <rr><rr>Antihintic</rr></rr>		following the use of this vaccine. However, it is not
ı	1			!	1	1	1 1	1	1 1	1	Known,
 > </br 	patic vascular disorder,Penile disorder NOS,Hydrothorax,Skin	1 1	tender on lumbar spine/abdomen Abdominal palpation - tense & turned to snap which is out of character. No neurological or orthopaedic abnormalities. The dog was hospitalised. Blood tests were			N/A) Antibiotic Unidentified - N/A,N/A,N/A		following the use of this vaccine. However, it is not possible to know if the hepatic toxicity was viral,
1				ļ.	l	1	1 1				Yes, <b< td=""><td>oedema,Death,Anorexia,Inappeten</td><td>1 1</td><td>character. No neurological or orthopaedic abnormalities. The dog was hospitalised. Blood tests were unremarkable. Given intravenous fluids (IVFT) and vetergesic. On 7th August the dog was discharged</td><td></td><td></td><td>,24,Unknown Unknown, Treatment</td><td></td><td>fungal, toxin or vaccine related. Product involvement</td></b<>	oedema,Death,Anorexia,Inappeten	1 1	character. No neurological or orthopaedic abnormalities. The dog was hospitalised. Blood tests were unremarkable. Given intravenous fluids (IVFT) and vetergesic. On 7th August the dog was discharged			,24,Unknown Unknown, Treatment		fungal, toxin or vaccine related. Product involvement
1	1			!	1	1	1 1	1	1 1	1	R> Not		1 1	unremarkable. Given intravenous fluids (IVFI) and vetergesic. On 7th August the dog was discharged and improved. Large amount of vellow discharge/pus from the penis tip. Given antibiotics for 5 days.			,24,Unknown Unknown, Freatment Start Date 07/08/17. End Date		rungal, toxin or vaccine related. Product involvement cannot be excluded and remains possible
	1			!	1	1	1 1	1		1	Known. <br< td=""><td></td><td>] i</td><td>and improved. Large amount of yellow discharge/pus from the penis tip. Given antibiotics for 5 days. On 11th August 17, the dog had a general anaesthetic and xravs. Right patella sub luxated easily.</td><td></td><td></td><td>12/08/17 (5 Dav(s) N/A-</td><td></td><td>comos de excluded and remains possible</td></br<>] i	and improved. Large amount of yellow discharge/pus from the penis tip. Given antibiotics for 5 days. On 11th August 17, the dog had a general anaesthetic and xravs. Right patella sub luxated easily.			12/08/17 (5 Dav(s) N/A-		comos de excluded and remains possible
1				ļ.	l	1	1 1					'Neurological').Bruising.Skin	1 1	however owner says this has happened since birth and never been an issue before. No more discharge			N/A) Nobivac L4		
1				ļ.	l	1	1 1				Not Known	haematoma.Tense abdomen.Gait	1 1	from penis. 15th August 17- large oedematous swelling on left side of body after microchip was			Suspension for Injection for Dogs -		
1	1			!	1	1	1 1	1	1 1	1	NOT KIDWII	abnormality.Shaking.Elevated	1 1	implanted. Has worn a pressure bandage, has since been removed and oedema has improved, had a	l		1.N/A.N/A .24.1 Dose Not applicable		
1	1			!	1	1	1 1	1	1 1	1	1	ALT,Elevated total	1 1	dark area of bruised skin ventral left abdomen, has improved. Also had a soft tissue swelling left side of	l		1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (05/07/2017-		
1	1			!	1	1	1 1	1	1 1	1	1	bilirubin,Elevated SAP,Abnormal	1 1	neck, 4cm x2 cm, freely movable. Tramadol given. Hematoma formed - drained 5 mls. 23rd August 17,			05/07/2017) Vetergesic		
1	1			!	1	1	1 1	1	1 1	1	1	ultrasound finding. Elevated gamma-	1 1	dog lethargic, inappetent, vomiting. Bloods showed marked unreadable ALT, ALP very high, also GGT			0.3 mg/ml Solution for Injection for		
1				ļ.	l	1	1 1				1	glutamyl transferase	1 1	and bilirubin. WBC high. On maintenance IV fluids. Ultrasound revealed hepatomegaly, enlarged			Dogs and Cats - N/A,N/A,N/A		
1	1			!	1	1	1 1	1	1 1	1	1	(GGT),Leucocytosis	1 1	vasculature, hyperechoic area noted, may be artefact, thickened gall bladder capsule, some sludge			.24.Unknown Unknown . Treatment		
				Į.			l i					(),	l i	present, stomach wall slightly thickened. Referred for investigation, Currently no information from the			Start and End Date 05/08/17 (N/A-		
				Į.			l i						l i	referral vet but death occurred as post mortem available. 1st September 17 - Post Mortem showed			N/A) tramadol (human) -		
				Į.			l i						l i	massive and extensive hepatic necrosis due to suspected hepatic toxicity - infections, viral, fungal or			N/A,N/A,N/A,N/A,Treatment Start		
				Į.			l i						l i	toxin related. There was mild to moderate hydro thorax, mild icterus, subcutaneous tissue showed			Date 15/08/17 (N/A-N/A) 		
1				ļ.	l	1	1 1				1		1 1	multifocal hemorragies. Further information may become available.					
<u> </u>	ļ						-			-		L	-						
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06321	United	Animal	Canine/dog	5 Year(s)	15/09/2017	20/11/2017	1 1	0 16/09/20:		Disorder of red blood cell	No Data	Suspected adverse reaction following the use of Nobivac L4 reported on 8th November 2017. A 5 year	Bichon Frise	5.95	Cerenia unidentified - N/A,N/A,N/A	B - Possible	NCA agrees with MAH assessment
1	1		Kingdom	!	1	1	1 1	1	1 1	1	Known, <br< td=""><td></td><td>1 1</td><td>old, male neutered, Bichon Frise, had booster vaccinations every year. 15th September 2017 the dog</td><td>l</td><td></td><td>,24,Unknown Unknown Unknown,</td><td></td><td></td></br<>		1 1	old, male neutered, Bichon Frise, had booster vaccinations every year. 15th September 2017 the dog	l		,24,Unknown Unknown Unknown,		
1	1			!	1	1	1 1			1	> 		1	had Nobivac Lepto 4 and Pi administered. 16th September 2017, the dog was passing blood in faeces.	l		Treatment Start and End Date		
	1			Į.	l	1	1 1		1 1		Not	atochezia,Immune mediated	1 1	Over the next couple of days, the dog started passing blood in urine and vomiting blood. The dog was	l		30/09/17 (N/A-		
	1			Į.	l	1	1				Known, <br< td=""><td>thrombocytopenia,Thrombocytosis</td><td>1 1</td><td>seen on the 26th September 2017 and was reported to have been lethargic for a week. Also bleeding</td><td>l</td><td></td><td>N/A) Convenia 80 mg/ml</td><td></td><td></td></br<>	thrombocytopenia,Thrombocytosis	1 1	seen on the 26th September 2017 and was reported to have been lethargic for a week. Also bleeding	l		N/A) Convenia 80 mg/ml		
1	1			!	1	1	1 1			1	> 	Decreased red blood cell	1 1	from the upper incisors. No petechiation, bruising on ventrum. Haematology normal apart from	l		Powder and Solvent for Solution for		
	1			Į.	l	1	1 1		1 1		Not	count,Weak pulse,Increased	1 1	Platelets low 51 (175-500). Blood biochemistry normal. 27th September 2017, blood clotting profile	l		Injection for Dogs and Cats -		
	1			Į.	l	1	1 1		1 1		Known, <br< td=""><td></td><td>1 1</td><td>normal, platelets low on smear. Dog was started on prednisolone 5mg. 29th September 2017, vomited</td><td>l</td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td><td></td></br<>		1 1	normal, platelets low on smear. Dog was started on prednisolone 5mg. 29th September 2017, vomited	l		N/A,N/A,N/A ,24,Unknown		
	1			Į.	l	1	1 1		1 1		> 		1 1	blood several times, Owner felt the dog was worse since starting steroid. Vet stopped steroids, dog	l		Unknown Unknown (N/A-		
	1			Į.	l	1	1 1		1 1		Yes, <b< td=""><td></td><td>1 1</td><td>was given Convenia and zantac / ranitidine solution. 30th September 2017, the dog was given a steroid</td><td>l</td><td></td><td>N/A) Dexadreson 2 mg/ml</td><td></td><td></td></b<>		1 1	was given Convenia and zantac / ranitidine solution. 30th September 2017, the dog was given a steroid	l		N/A) Dexadreson 2 mg/ml		
1	1			!	1	1	1 1			1	R> Yes,	, cell volume	1 1	(dexadreson) injection which collected at the top of his neck causing a haematoma. The dog was	l		Solution for Injection - N/A,N/A,N/A		
				Į.			l i				 <	(PCV), Hypokalaemia, Monocytosis, P	d i	hospitalised. His heart rate was very high and blood pressure extremely low. Still vomiting blood. He			,24,Unknown Unknown Unknown		
1	1			!	1	1	1 1			1	BR> Not	remature ventricular	1 1	was given several blood transfusions. Cerenia and Dexadreson given. Prednisolone dispensed. 9th	l		(N/A-N/A) Nobivac L4		
	1			Į.	l	1	1 1		1 1		Known, <br< td=""><td>contractions, Hyponatremia, Hypoch</td><td>1</td><td>October 2017 Blood sample was taken: Red Blood Cells 4.95 (5.50-8.50), haematocrit 0.349 (0.37 –</td><td>l</td><td></td><td>Suspension for Injection for Dogs -</td><td></td><td></td></br<>	contractions, Hyponatremia, Hypoch	1	October 2017 Blood sample was taken: Red Blood Cells 4.95 (5.50-8.50), haematocrit 0.349 (0.37 –	l		Suspension for Injection for Dogs -		
				Į.			l i				> 	loraemia,Injection site	l i	0.55), Haemoglobin 111 (120-180), Reticulocytes 502.3 (10-110), Monocytes 3.94 (0.3-2.0), Platelets			1,N/A,N/A,24,1 Dose Not applicable		
1	1			!	1	1	1 1	1	1 1	1	Not	haematoma,Low platelet	1 1	715 (175-500). 16th October 2017, the dog was lethargic, panting, bruising was clearing,	l		1 Animal (15/09/2017-		
	1			Į.	l	1	1 1		1 1		Known, <br< td=""><td></td><td>·1 1</td><td>polyuric/polydipsic, Temperature 38.5C. Reduced steroids to 5mg twice daily. 25th October 2017,</td><td>l</td><td></td><td>15/09/2017) Nobivac Pi,</td><td></td><td></td></br<>		·1 1	polyuric/polydipsic, Temperature 38.5C. Reduced steroids to 5mg twice daily. 25th October 2017,	l		15/09/2017) Nobivac Pi,		
	1			Į.	l	1	1 1		1 1		> 	chycardia,Pale mucous	1 1	mucous membranes were pink. Proteinuria, haemolysed haematuria. 2nd November 2017, Blood in	l		Lyophilisate and Solvent for		
	1			Į.	l	1	1 1		1 1		Not	membrane, Hypotension, Abdominal	1 1	urine, pH 8.0, Diarrhoea still, no blood visible. Haematology: Haemoglobin 194 (120-180), Reticulocytes	l		Suspension for Injection for Dogs -		
1	1			!	1	1	1 1			1	Known, <br< td=""><td></td><td></td><td>205.2 (10-110), Platelets 510 (175-500). Further information may become available. Follow up 20 Nov</td><td>l</td><td></td><td>1,N/A,N/A,24,1 Dose Not applicable</td><td></td><td></td></br<>			205.2 (10-110), Platelets 510 (175-500). Further information may become available. Follow up 20 Nov	l		1,N/A,N/A,24,1 Dose Not applicable		
	1			Į.	l	1	1 1		1 1		> 		1 1	2017 - Clinical history received from out of hours vet. On 30 Sep 2017, vet reported dog was laterally	l		1 Animal (15/09/2017-		
1				ļ.	l	1	1 1				Not	Polydipsia,Hypocalcaemic	1 1	recumbent with pale mucous membranes and poor peripheral pulse quality. Dog had cranial			15/09/2017) [NFABBA -		
1				ļ.	l	1	1 1				Known, <br< td=""><td>condition,Polyuria,Panting,Lethargy</td><td>1 1</td><td>abdominal pain and petechiae on his gums and skin. Immune mediated thrombocytopaenia was</td><td></td><td></td><td>Pet Blood Bank UK] - N/A,N/A,N/A</td><td></td><td></td></br<>	condition,Polyuria,Panting,Lethargy	1 1	abdominal pain and petechiae on his gums and skin. Immune mediated thrombocytopaenia was			Pet Blood Bank UK] - N/A,N/A,N/A		
	1			Į.	l	1	1 1		1 1		> 		1 1	diagnosed. A manual PCV was 35 % and a slide agglutination test was positive. Biochemistry showed	l		,24,Not Applicable Not applicable		
	1					1						depression in		hyponatremia, hypokalemia, hypocalcemia and hypochloremia (no values given). Haematology showed			Not Applicable (N/A-		i
				ı				1			NOL		,						
				İ							Known, <br< td=""><td>'Neurological'),Regenerative</td><td> </td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone,</td><td></td><td></td><td>N/A) methadone</td><td></td><td></td></br<>	'Neurological'),Regenerative		a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone,			N/A) methadone		
				Ì							Known,
 >BR></br 	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin		a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omeprazole, vincristine and sucralfate. A blood transfusion was performed. On 1 Oct 2017, vet			unidentified - 1,N/A,N/A ,24,1 Dose		
											> 	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa		a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omeprazole, vincristine and sucralfate. A blood transfusion was performed. On 1 Oct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the gums. The dog			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start		
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335	United	Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omeprazole, vincristine and suscralfate. A blood transfusion was performed. On 1 Dct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the gums. The dog Serious suspected lack of expected efficacy following the use of Nobivac DHP & L4 reported on 9th</td><td>Labrador</td><td>Not</td><td>unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A ,24,1 Dose</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omeprazole, vincristine and suscralfate. A blood transfusion was performed. On 1 Dct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the gums. The dog Serious suspected lack of expected efficacy following the use of Nobivac DHP & L4 reported on 9th	Labrador	Not	unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A ,24,1 Dose	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335	United Kingdom	Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> 	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suscralifat a blood transfusion to sperformed. On 1 oct 2017, vet reported ongoing skin busing on the right lateral thorax and ongoing bleeding from the gums. The dog Serious suspected lack of expected efficacy following the use of Nobins OIPR B. L4 reported on 9th November 2017. A labadord pupple, Date of birth 1st September 2017, A males and 6 females were November 2017. But add of pupples, Date of birth 1st September 2017, A males and 6 females were the properties of the standard pupples, Date of birth 1st September 2017, A males and 6 females were the properties of the properties of the standard pupples of t	Labrador Retriever	Not	unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion on sperformed. On 1 oct 2017, vet reported ongoing skin brusting on the right lateral thorax and ongoing bleeding from the guns. The dog Schroius suspected lack of expected effortive, following the use of Robivac DIPB 4.1 reported on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and a females were vaccinated with Nobuco DIPB and Nobbus C don 317th October 2017 at 8 tweeks of Clift Pay were</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (17/10/2017-</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion on sperformed. On 1 oct 2017, vet reported ongoing skin brusting on the right lateral thorax and ongoing bleeding from the guns. The dog Schroius suspected lack of expected effortive, following the use of Robivac DIPB 4.1 reported on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and a females were vaccinated with Nobuco DIPB and Nobbus C don 317th October 2017 at 8 tweeks of Clift Pay were		Not	unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (17/10/2017-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and sucralifact. A blood transfusion to sperformed. On 1 of 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the gums. The dog Serious suspected lack of expected efficacy following the use of Nobius OIPP & L4 reported on 9th November 2017. It shadood proppies, blood of birth 1st September 2017, a hapies and 4 females were vaccinated with Nobius OIPP and Nobius C 4 on 17th October 2017 at 5 weeks old. They were clinically well at the time of vaccination, on the 3dd November 2017, 3 puppies were taken to the clinically well at the time of vaccination.</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (17/10/2017- 17/10/2017) Nobivac L4</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and sucralifact. A blood transfusion to sperformed. On 1 of 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the gums. The dog Serious suspected lack of expected efficacy following the use of Nobius OIPP & L4 reported on 9th November 2017. It shadood proppies, blood of birth 1st September 2017, a hapies and 4 females were vaccinated with Nobius OIPP and Nobius C 4 on 17th October 2017 at 5 weeks old. They were clinically well at the time of vaccination, on the 3dd November 2017, 3 puppies were taken to the clinically well at the time of vaccination.		Not	unidentified - 1,N/A,N/A,24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (17/10/2017- 17/10/2017) Nobivac L4	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion was performed. On 1 oct 2017, vet reported ongoing sids in brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected last of expected effortincy following the use of Roblows DIPB 2 it separated on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobico IPBP and Nobios Led in 17th October 2017 at 5 levels of LTP were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very delyticated, lethargic, thin, trying to ownist and had bloody faces. A</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017- 17/10/2017)SBR>SBR>Nobivac L4 Suspension for Injection for Dogs -</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion was performed. On 1 oct 2017, vet reported ongoing sids in brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected last of expected effortincy following the use of Roblows DIPB 2 it separated on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobico IPBP and Nobios Led in 17th October 2017 at 5 levels of LTP were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very delyticated, lethargic, thin, trying to ownist and had bloody faces. A		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017- 17/10/2017)SBR>SBR>Nobivac L4 Suspension for Injection for Dogs -	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflats. A blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog, Serious suspected lack of expected efficacy following the use of Nobivac DIFF & L4 reported on 9th November 2017. I standard prupples, Date of birth 1st September 2017, a finale and 4 females were vaccinated with Nobivac DIFF and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, a Spupples were taken to the vets. One of the pupples was very dehydrated, letharge, thin, trying to womit and had bloody faces. A Paro soan jets two done which was a storing positive. The pupp was estimansed. The other 2 pupples</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflats. A blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog, Serious suspected lack of expected efficacy following the use of Nobivac DIFF & L4 reported on 9th November 2017. I standard prupples, Date of birth 1st September 2017, a finale and 4 females were vaccinated with Nobivac DIFF and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, a Spupples were taken to the vets. One of the pupples was very dehydrated, letharge, thin, trying to womit and had bloody faces. A Paro soan jets two done which was a storing positive. The pupp was estimansed. The other 2 pupples		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion on sperformed. On 1 oct 2017, vet reported ongoing skin brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected last of expected effortincy following the use of Roblowc DIPB 4.1 steparted on this November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobuco IPB and Nobbus L do n 17th October 2017 at 5 weeks off. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, letharget, than frying to ownist and bloody faces. A Parvo says ptest was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vorniting or darnhoes. The following 4x₀, not ded and the other were underweight and tucked up. No vorniting or darnhoes. The following 4x₀, not ded and the other streams of the streams of the pupples was very dehydrated.</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincritine and suraflate. A blood transfusion on sperformed. On 1 oct 2017, vet reported ongoing skin brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected last of expected effortincy following the use of Roblowc DIPB 4.1 steparted on this November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobuco IPB and Nobbus L do n 17th October 2017 at 5 weeks off. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, letharget, than frying to ownist and bloody faces. A Parvo says ptest was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vorniting or darnhoes. The following 4x ₀ , not ded and the other were underweight and tucked up. No vorniting or darnhoes. The following 4x ₀ , not ded and the other streams of the streams of the pupples was very dehydrated.		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflats. A blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Serious suspected lack of expected efficacy following the use of Nobivac DIP & L4 reported on 9th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Nobivac DIP and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to womit and had bloody faces. A Paro usan jets two done which was a storing positive. The pupp was estimaned. The other 2 pupples were underweight and tucked up. No vomiting or diarnhoea. The following day, one ded and the other one was esuthansace. The breeder advised the vet that one of the pupples had already gone to its new</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflats. A blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Serious suspected lack of expected efficacy following the use of Nobivac DIP & L4 reported on 9th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Nobivac DIP and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to womit and had bloody faces. A Paro usan jets two done which was a storing positive. The pupp was estimaned. The other 2 pupples were underweight and tucked up. No vomiting or diarnhoea. The following day, one ded and the other one was esuthansace. The breeder advised the vet that one of the pupples had already gone to its new		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal, Treatment Start Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20:	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omerpracele, vincritine and suscrillarts. A blood transfusion was performed. On 1 oct 2017, vet reported ongoing side bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected lack of expected efficiency followings the use of broklows CDPF 2.4 reported on 8th November 2017. S. labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nolowo CDPF and Noblows CDP a</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omerpracele, vincritine and suscrillarts. A blood transfusion was performed. On 1 oct 2017, vet reported ongoing side bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected lack of expected efficiency followings the use of broklows CDPF 2.4 reported on 8th November 2017. S. labrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nolowo CDPF and Noblows CDP a		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20:	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflact A. blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Serious suspected lack of expected efficacy following the use of Nobivac DIP & L4 reported on 9th November 2017. A blatador pupples, Date of birth 1st September 2017, a flushe and 4 females were vaccinated with Nobivac DIP and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to vomit and had bloody faces. A Paro scan plets was done which was a storing positive. The puppy was exhanased. The other 2 pupples were underweight and tucked up. No vomiting or diarnhoea. The following day, one ded and the other one was euthanased. The breeder advised the vet that one of the pupples had already gone to its new home but was well at the time of leaving the breeder but the new owner reported than it had developed vomiting and diarnhoea. On the 8th November 2017, the breeder reported than it had to the form the pull of the other pulls who may be a supplement than the of the three the pull of the pull of the pulls who was the pull of the pulls who are the</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrition and sucraflact A. blood transfusion was performed. On 1 oct 2017, wet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Serious suspected lack of expected efficacy following the use of Nobivac DIP & L4 reported on 9th November 2017. A blatador pupples, Date of birth 1st September 2017, a flushe and 4 females were vaccinated with Nobivac DIP and Nobivac L4 on 17th October 2017 at 5 weeks old. They were vaccinated with the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to vomit and had bloody faces. A Paro scan plets was done which was a storing positive. The puppy was exhanased. The other 2 pupples were underweight and tucked up. No vomiting or diarnhoea. The following day, one ded and the other one was euthanased. The breeder advised the vet that one of the pupples had already gone to its new home but was well at the time of leaving the breeder but the new owner reported than it had developed vomiting and diarnhoea. On the 8th November 2017, the breeder reported than it had to the form the pull of the other pulls who may be a supplement than the of the three the pull of the pull of the pulls who was the pull of the pulls who are the		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06335		Animal	Canine/dog	9 Week(s)	17/10/2017	09/11/2017	8 5	3 03/11/20	> Not 17 No, <b< td=""><td>'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of</td><td>No Data</td><td>a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omerpracele, vincritine and suscrillarts. A Lobod transfusion was performed. On 1 or 2017, vet reported ongoing side bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected lack of expected efficiency following the use of brokines. DIP 8.1 4 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 makes and 4 females were vaccinated with Nolwoc IPPP and Noblosuc 4 on 17th October 2017 at 5 weeks lod. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very delyticated, lethargic, thin, thying to ownit and had bloody faces. A Pano stup test was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vomiting or diarnhose. The following 4sy, one died and the other one was estuhanased. The breefer advised the vet that one of the pupples had already gone to its new home but as we led at the time of levaning the breefer but the even owere reported that in had developed vomiting and diarnhose. On the 8th November 2017, the breeder reported that one of the other pupples in the litter was unwell but kinding ood by syripe. The other 3 pupples were doing well.</td><td></td><td>Not</td><td>unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment</td></b<>	'Neurological'),Regenerative anaemia,Lateral recumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omerpracele, vincritine and suscrillarts. A Lobod transfusion was performed. On 1 or 2017, vet reported ongoing side bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected lack of expected efficiency following the use of brokines. DIP 8.1 4 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 makes and 4 females were vaccinated with Nolwoc IPPP and Noblosuc 4 on 17th October 2017 at 5 weeks lod. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very delyticated, lethargic, thin, thying to ownit and had bloody faces. A Pano stup test was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vomiting or diarnhose. The following 4sy, one died and the other one was estuhanased. The breefer advised the vet that one of the pupples had already gone to its new home but as we led at the time of levaning the breefer but the even owere reported that in had developed vomiting and diarnhose. On the 8th November 2017, the breeder reported that one of the other pupples in the litter was unwell but kinding ood by syripe. The other 3 pupples were doing well.		Not	unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1 Anima], Treatment Start Noblwa CIMP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-17/10/2017-18B>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (17/10/2017-	N - Unlikely	NCA agrees with MAH assessment
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	GBR-MERCKMSD-2017		Kingdom	Animal		9 Week(s) 2.5 Year(s)	17/10/2017 25/10/2017	09/11/2017	8 5	3 03/11/20 0 25/10/20	<pre></pre>	Neurological],Regenerative anaemia, Jateria Fecumbency,Skin petechiae,Mucosa Death by euthanasia,Death,Lack of efficacy	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of 0. Treated with methadone, omerprazole, vincritine and suscrillarts. A blood transfusion was performed. On 1 or 2017, vet reported ongoing sids in-busing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicius suspected lack of expected efficiency following the use of blookine DIPB 4. It separated on 8th November 2017. S lashador pupples, Date of birth 1st September 2017, A males and 4 females were vaccinated with Nolwoc IPBP and Noblacus L don 17th Cotteber 2017.8 if sweeks of LT they were clinically well at the time of vaccination. On the 3nd November 2017, 3 pupples were taken to the vets. One of the pupples was very delybrade, letharge, timb, trying to ownit and had bloody faces. A Parvo say petst was done which vas a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vomiting or diarnhose. The following 4x ₀ , one died and the other one was estimanaed. The breeder advised the vet that one of the pupples had already gone to its new home but as well at the time of levaing the breeder hat the even ower reported that in had developed vomiting and diarrhose. On the 8th November 2017, the breeder reported that one of the pupples in the little versus unseed but staling food by syrings. The other 3 pupples were doing well. Further information may become available.		Not Known	unidentified - 1.N/N,N/A, 2.4.1 Dose Unicono 1. Animal, Treatment Start, Teathern Start Notbruc DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1. Animal (12/10/2017- 12/10/2017)- 12/10/2017- 12/10/20	N - Unlikely B - Possible	NCA agrees with MAH assessment NCA agrees with MAH assessment
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			Kingdom						1 1		>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological J. Regenerative anamenia, Jatera Tecumbency, Skin petechiae, Mucosa Oeath by euthanasia, Death, Lack of efficacy Pijection site Injection site	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincristen and suscrilater. A blood transfusion on sperformed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisus suppercise labs of expected efforting following the use of Polivace IPPs 4. It reported on 8th November 2017, 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 femiliates were vaccinated with November 2018, and the service of the properties of the vinceriate that the service of the properties of the vinceriate deviated that the properties of the vinceriated vinceriated that the service of the pupple was very deviderate, clastrage; that inty right owns and and bloody faces. A Parvo rang best was done which was a storing positive. The pupply was esthanaed. The other 2 pupples were underweight and tucked up. No vormiting or diarnions. The following 40th, one died and the other one was euthanaed. The treeder advised the vet that one of the pupples had already gone to its new home but saw valid at the time of leuconing or diarnions. The following 40th, one died and the other one was euthanaed. The treeder advised the vet that one of the pupples had already gone to its new home but saw valid at the time of leuconing or diarnions. The following 40th and 10th that the other pupples in the little visce and the same of the visce of	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincom1 Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.4 Do		
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			Kingdom						1 1		>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological J. Regenerative anamenia, Jatera Tecumbency, Skin petechiae, Mucosa Oeath by euthanasia, Death, Lack of efficacy Pijection site Injection site	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omeprazole, vincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right laterol thorax and ongoing bleeding from the guns. The dog Servisus supercise flox of expected efforting following the use of blookers DPR 4.1 temperd on this November 2017. It shadoor pupples, Date of birth 1st September 2017, A males and 4 femiliaes were vaccinated with Nobuso DPR and Noblobus C 4 on 17th October 2017 at 6 weeks of CT brey were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrate, Isthargic, thin 1rying to worm at and bloody faces. A Parvo rang petst was done which was a storing positive. The puppy was esthanased. The other 2 pupples were underweight and tucked up. No vorming or darnions. The following 8ty, one died and the other one was euthanased. The treated and the other one was euthanased. The tometer advised the vet that one of the pupples individed that the time of leveling the breeder but the new owner reported that I had not other one was euthanased. The tometer advised the vet that one of the pupples individed that the time of leveling the breeder but the new owner reported that I had not other pupples in the little visual state of the vet of the pupples in the little visual state of the vet of the pupples in the little visual state of the vet of the pupples in the little visual state of the vet of the pupples in the little visual state of the vet that one of the pupples in the little visual state of the vet of	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincom1 Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.4 Do		
			Kingdom						1 1		>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological J. Regenerative anamenia, Jatera Tecumbency, Skin petechiae, Mucosa Oeath by euthanasia, Death, Lack of efficacy Pijection site Injection site	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazole, vincritine and suscrillate. A blood transfusion specifiemed. On 10 ct 2017, vet reported ongoing sish brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicus suspected lack of expected efforting following the use of Roblace DIPA 14 reported on this November 2017. It subrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobuso DIPA and Noblace Lide no 11 rbt Cottober 2017 at 5 weeks old. They were clinically well at the time of vaccination. On the and November 2017, a pupples were taken to the vets. One of the pupples was very dehydrate, of them 2017, a pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to ownist and had Boody faces. A Parvo snay bets was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vorniting or distrinces. The following day, one ded and the other one was esthanased. The breeder advised the vet that one of the pupples had already gone to its new home but as well at the time of levanite place to the pupples had already gone to its new home but as well at the time of levanite the treated that the very surready of the pupples had already gone to its new home but as well at the time of levanite that the developed vorniting and distrinces. On the 8th November 2017, the breeder reported that to ne of the other pupples in the section on 25 of 20 2017, dog vaccinated with Nobivac L4 and Nobivac KC, clinically well at time of vaccination and no other products given. On 7 Nov 2017, owner reports that the dog has not been right since vaccination. Quiete than normal appetit endedeed, sleeping more and seemed stiff when getting up. On examination, temperature 40.1 degrees Cebius, weight loss [52] kingarmit, temperature 30.9 C and dog generally stirre accination. Quiete than normal appetit endedeed, sleeping more and	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincom1 Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.4 Do		
			Kingdom						1 1		>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological J. Regenerative anamenia, Jatera Tecumbency, Skin petechiae, Mucosa Oeath by euthanasia, Death, Lack of efficacy Pijection site Injection site	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazole, vincrition and surralitate. All body caracturism on speriomed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Schrolus suspected last of expected effortive, following the use of Robivac DIPR 4.1 reported on this November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A males and 4 femiliars were vaccinated with Noblaco LPR and Noblovac Led no 17th October 2017 at 5 weeks old. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrate, clinically, which right to write and had bloody faces. A Parvo rang petst was done which was a storig positive. The pupply was exhanased. The other 2 pupples were underweight and tucked up. No vormiting or diarrinos. The following 4x ₂ , no edied and the other one was euthanased. The breader advised the vet that one of the pupples had already gone to its new home but was well at the time of levering the trender but that one of the pupples had already gone to its new home but was well at the time of levering the breader but that one of the pupples had already gone to its new home but was well at the time of levering the breader but that one of the pupples had already gone to its new home but was well at the time of levering the breader but the work of the pupples had already gone to its new home but was well at the time of levering the breader but the normal appetite reduced, sleeping more and well at time of vicantion and no other products speen. On 70x 2017, owner proofs that the die well at time of vicantion and no other products speen. On 70x 2017, owner proofs that the die had been died to the pupple of the puppl	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincom1 Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.4 Do		
			Kingdom						1 1		>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological J. Regenerative anamenia, Jatera Tecumbency, Skin petechiae, Mucosa Oeath by euthanasia, Death, Lack of efficacy Pijection site Injection site	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazole, vincritine and suscrillate. A blood transfusion specifiemed. On 10 ct 2017, vet reported ongoing sish brusing on the right lateral thorax and ongoing bleeding from the guns. The dog Servicus suspected lack of expected efforting following the use of Roblace DIPA 14 reported on this November 2017. It subrador pupples, Date of birth 1st September 2017, A makes and 4 females were vaccinated with Nobuso DIPA and Noblace Lide no 11 rbt Cottober 2017 at 5 weeks old. They were clinically well at the time of vaccination. On the and November 2017, a pupples were taken to the vets. One of the pupples was very dehydrate, of them 2017, a pupples were taken to the vets. One of the pupples was very dehydrated, lethargic, thin, trying to ownist and had Boody faces. A Parvo snay bets was done which was a strong positive. The pupp was esthanased. The other 2 pupples were underweight and tucked up. No vorniting or distrinces. The following day, one ded and the other one was esthanased. The breeder advised the vet that one of the pupples had already gone to its new home but as well at the time of levanite place to the pupples had already gone to its new home but as well at the time of levanite the treated that the very surready of the pupples had already gone to its new home but as well at the time of levanite that the developed vorniting and distrinces. On the 8th November 2017, the breeder reported that to ne of the other pupples in the section on 25 of 20 2017, dog vaccinated with Nobivac L4 and Nobivac KC, clinically well at time of vaccination and no other products given. On 7 Nov 2017, owner reports that the dog has not been right since vaccination. Quiete than normal appetit endedeed, sleeping more and seemed stiff when getting up. On examination, temperature 40.1 degrees Cebius, weight loss [52] kingarmit, temperature 30.9 C and dog generally stirre accination. Quiete than normal appetit endedeed, sleeping more and	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincom1 Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.A do		
NOBIVAC L4		7-UK-06362	Kingdom		Canine/dog		25/10/2017	02/01/2018	1 1	0 25/10/20	>= BR-+BR-+BR-+BR- Not 17 No, -BR>-BR>-S R>-BR>-SR>-Yes 17 Not Known, -BR>-BR >= BR>-BR>-BRBR- GR>-BR>-BR>-BR->BR>-BR>-BR>-BRBRBRB	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazole, vincrition and surralitate. All body caracturism on speriomed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Schrolus suspected last of expected effortive, following the use of Robivac DIPR 4.1 reported on this November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A males and 4 femiliars were vaccinated with Noblaco LPR and Noblovac Led no 17th October 2017 at 5 weeks old. They were clinically well at the time of vaccination. On the 3rd November 2017, 3 pupples were taken to the vets. One of the pupples was very dehydrate, clinically, which right to write and had bloody faces. A Parvo rang petst was done which was a storig positive. The pupply was exhanased. The other 2 pupples were underweight and tucked up. No vormiting or diarrinos. The following 4x ₂ , no edied and the other one was euthanased. The breader advised the vet that one of the pupples had already gone to its new home but was well at the time of levering the trender but that one of the pupples had already gone to its new home but was well at the time of levering the breader but that one of the pupples had already gone to its new home but was well at the time of levering the breader but that one of the pupples had already gone to its new home but was well at the time of levering the breader but the work of the pupples had already gone to its new home but was well at the time of levering the breader but the normal appetite reduced, sleeping more and well at time of vicantion and no other products speen. On 70x 2017, owner proofs that the die well at time of vicantion and no other products speen. On 70x 2017, owner proofs that the die had been died to the pupple of the puppl	Retriever	Not Known	unidentified - 1 M/N,N/A, 2.4,1 Dose Uniconous 1 Animal Treatment Start Notives DIPP - 1,N/A,N/A, 2.4,1 Dose Not applicable 1 Animal (17/10/2017) - 17/10/2017/BIRN-8BN-Nobiwac L4 Suspension for Injection for Dogs-1,N/A,N/A, 2.4,1 Dose Not applicable 1 Animal (17/10/2017)-BIRN-8BN-Nobiwac L4 Suspension for Injection for Dogs-1,N/A,N/A, 2.4, Unknown Uniconous 1 Animal (N/A-N)A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/		
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	>4B-485-4B-V Not 17 No.488-48-48-8-8-8-8-8-8-9-8-8-9-8-9-8-9-8-	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerpazole, vincritine and suscrilates. A blood transfusion sep septimed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Schrolus suspected lack of expected effortive, following the use of Robusco-BPB 4.1 septimed on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A males and 4 females were vaccinated with Nobusco-BPB and Nobbusco-BPB	Retriever	Not Known	unidentified - 1.N/N,N/A, 2.4.1 Dose Unicovar J. Ariminal (17.10/2017). A similar (17.10/2017). A simi	B - Possible	NCA agrees with MAN assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	> GR-48F <gr-vb NOT 17 No.48F>-GR-VG R>-GR-VG 17 Not Notwork-GR-SR-SR-VG VG-VG-VG-VG VG-VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-</gr-vb 	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, vincrise and suscrilates. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Serious suspected lack of expected efforting following the use of Polivace IPPs 4.1 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Nobioso IPPs and Nobiosot. 6 on 17th October 2017 8 it events of 1.8 reported on 8th November 2017, 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Nobiosot. 19th and Nobiosot. 6 on 17th October 2017 8 it events of 1.8 reported on 8th November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin 1 ripp to vomit and had bloody faces. A Parvo usag best was done which was a storag positive. The pupply was extended to the 10 report of 10 reports of 10 repor	Retriever	Not Known	unidentified - 1.N/N,N/A, 2.4.1 Dose Unincom1 Aniam Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.00 Acts applic	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	> GR-48F <gr-vb NOT 17 No.48F>-GR-VG R>-GR-VG 17 Not Notwork-GR-SR-SR-VG VG-VG-VG-VG VG-VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-</gr-vb 	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerpazole, vincritine and suscrilates. A blood transfusion sep septimed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Schrolus suspected lack of expected effortive, following the use of Robusco-BPB 4.1 septimed on the November 2017. 8 Labrador pupples, Date of birth 1st September 2017, A males and 4 females were vaccinated with Nobusco-BPB and Nobbusco-BPB	Retriever	Not Known	unidentified - 1.N/N,N/A, 2.4.1 Dose Unicovar J. Ariminal (17.10/2017). A similar (17.10/2017). A simi	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	2 2	0 25/10/20	> GR-48F <gr-vb NOT 17 No.48F>-GR-VG R>-GR-VG 17 Not Notwork-GR-SR-SR-VG VG-VG-VG-VG VG-VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-VG-VG VG-</gr-vb 	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, wincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisous supected lack of expected efforting following the use of Polivace IPIA 14 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Notwook IPIA and Noblovac L6 on 17th October 2017 8 to Wees local. They were clinically well at the time of vaccination. On the 3rd November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin, trying to vomit and had Booky faces. A Parvo usage test was done which was a storage positive. The pupply was extended to the Control of the pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples who was some some some some some some some som	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4.1 Dose Unincova 1.Anima, Treatment Start Notivac DHP - 1.NI/A,NI/A, 2.4.1 Dose Not applicable 1.Anima 1.1.1 Notivac DHP - 1.NI/A,NI/A, 2.4.1 Dose Not applicable 1.Anima 1.1 (17/10/2017)- 818-088-Nobivac L4 Suspension for injection for Dogs- 1.NI/A/N/A, 2.4.1 Dose Not applicable 1.Animal (17/10/2017)- 818-088- Antibiotic Unidentified- NI/A/NI/A, 2.4.1 Uninoval Unidentified- NI/A/NI/A, 2.4.1 Uninoval Unidentified- NI/A/NI/A, 2.4.1 On 41 Animal (25/10/2017)- 818-088-088-088-088-088-088-088-088-088-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	> GR-48F-48R-V NOT 17 No.48F-48R-V6 17 No.48F-48R-V6 17 Not. 18 Not. 68F-28R-V6	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, wincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisous supected lack of expected efforting following the use of Polivace IPIA 14 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Notwook IPIA and Noblovac L6 on 17th October 2017 8 to Wees local. They were clinically well at the time of vaccination. On the 3rd November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin, trying to vomit and had Booky faces. A Parvo usage test was done which was a storage positive. The pupply was extended to the Control of the pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples who was some some some some some some some som	Retriever	Not Known	unidentified - 1.N/A,N/A, 2.4.1 Dose Unicovan 1.Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 1.Animal (12/10/2017- 12/10/	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	> GR-48F-48R-V NOT 17 No.48F-48R-V6 17 No.48F-48R-V6 17 Not. 18 Not. 68F-28R-V6	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, wincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisous supected lack of expected efforting following the use of Polivace IPIA 14 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Notwook IPIA and Noblovac L6 on 17th October 2017 8 to Wees local. They were clinically well at the time of vaccination. On the 3rd November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin, trying to vomit and had Booky faces. A Parvo usage test was done which was a storage positive. The pupply was extended to the Control of the pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples who was some some some some some some some som	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4,1 Dose Unificacy 1.A Dose Unificacy 1.A Dose Unificacy 1.A Dose Not applicable 1.A Dose Not appl	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	1 1	0 25/10/20	> GR-48F-48R-V NOT 17 No.48F-48R-V6 17 No.48F-48R-V6 17 Not. 18 Not. 68F-28R-V6	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, wincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisous supected lack of expected efforting following the use of Polivace IPIA 14 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Notwook IPIA and Noblovac L6 on 17th October 2017 8 to Wees local. They were clinically well at the time of vaccination. On the 3rd November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin, trying to vomit and had Booky faces. A Parvo usage test was done which was a storage positive. The pupply was extended to the Control of the pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples who was some some some some some some some som	Retriever	Not Known	unidentified - 1.N/A,N/A, 2.4.1 Dose Unicovan 1.Animal Treatment Start Notivac DHP - 1.N/A,N/A, 2.4.1 Dose Not applicable 3. Animal (17/10/2017) - 17/10/2017/BRP-8RP-Noblwac L4 Suspension for Injection for Dogs-1.N/A,N/A, 2.4.1 Dose Not applicable 1.Animal (17/10/2017)-BRP-8RP-Noblwac L4 Suspension for Injection for Dogs-1.N/A,N/A, 2.4.1 Dose Not applicable 1.Animal (17/10/2017)-BRP-8RP-8RP-Noblwac L4 Suspension for Injection for Dogs-1.N/A,N/A, 2.4.1 Dose Unicovan 1.Animal (N/A-R)-R)-R)-R)-R)-R)-R)-R)-R)-R)-R)-R)-R)-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017	7-UK-06362	Vinited Kingdom United Kingdom	Animal	Canine/dog	2.5 Year(s)	25/10/2017	02/01/2018	2 2	0 25/10/20	> GR-48F-48R-V NOT 17 No.48F-48R-V6 17 No.48F-48R-V6 17 Not. 18 Not. 68F-28R-V6	Neurological],Regenerative anamenia, Jateral recumbency,Skin petechiae,Mucosa Oeath by euthanasia,Death,Lack of efficacy Injection site Inj	No Data	a moderate regenerative anaemia, leucocytosis and a platelet count of D. Treated with methadone, omerprazele, wincrise and suscrillate. A blood transfusion was performed. On 10 ct 2017, vet reported ongoing skin bruising on the right lateral thorax and ongoing bleeding from the guns. The dog Servisous supected lack of expected efforting following the use of Polivace IPIA 14 reported on 8th November 2017. 8 Labrador pupples, Date of birth 1st September 2017, 4 males and 4 females were vaccinated with Notwook IPIA and Noblovac L6 on 17th October 2017 8 to Wees local. They were clinically well at the time of vaccination. On the 3rd November 2017, 8 pupples were taken to the vets. One of the pupples was very dehydrate, Isharige, thin, trying to vomit and had Booky faces. A Parvo usage test was done which was a storage positive. The pupply was extended to the Control of the pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples were undeweight and tucked up. No vormiting or diarrobes. The following 6u/n one died and the other 2 pupples who was some some some some some some some som	Retriever	Not Known	unidentified - 1.M/A,N/A, 2.4,1 Dose Unificacy 1.A Dose Unificacy 1.A Dose Unificacy 1.A Dose Not applicable 1.A Dose Not appl	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCXMSD-2017-UK-06380	United Kingdom	Animal	Canine/dog	2 Month(s)	10/10/2017	14/11/2017	1 1	0 1	10/10/2017	Yes, <br< td=""><td>Diarrhoea, Yomiting, Anorexia, Letha rgy (see also Central nervous system depression in 'Neurological')</td><td>No Data</td><td>Suspect Adverse Reaction: 10 Oct 2017 dog vaccinated with Nobivac DIPPIT and L4. Within 24 hours the dog became lethrapic, ancresic, volunted and had diadrahea. The dog was placed on intravenous fluids and recovered within 2 days. No more information expected.</td><td>Labrador Retriever</td><td>5.1</td><td>Nobivac DHPPL Lyophilisate for Suspension for Injection for Dogs- 1,N/A,N/A, J.0.1 ml 1 Animal (10/10/2017- 10/10/2017-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, J.0.1 ml 1 Animal (10/10/2017-10/10/2017)-BR> </td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<>	Diarrhoea, Yomiting, Anorexia, Letha rgy (see also Central nervous system depression in 'Neurological')	No Data	Suspect Adverse Reaction: 10 Oct 2017 dog vaccinated with Nobivac DIPPIT and L4. Within 24 hours the dog became lethrapic, ancresic, volunted and had diadrahea. The dog was placed on intravenous fluids and recovered within 2 days. No more information expected.	Labrador Retriever	5.1	Nobivac DHPPL Lyophilisate for Suspension for Injection for Dogs- 1,N/A,N/A, J.0.1 ml 1 Animal (10/10/2017- 10/10/2017-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, J.0.1 ml 1 Animal (10/10/2017-10/10/2017)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06385	United Kingdom	Animal	Canine/dog	10 Week(s)	10/11/2017	27/11/2017	1 1	0 1	0/11/2017		Erythema (for urticaria see Immune SOC,Pruritus,Hypersensitivity reaction,Facial swelling (see also 'Skin')	No Data	Sispected adverse reaction following the use of Nobivac DHF/IA reported on the 13th November 2017. A 1D Week of 1,64 KG, Female Gow say given Nobivac DHF/IA on 10th November 2017. At 9m on the same day, the dog, had severe facial swelling. No swelling or pain at injection size. Hypersensitivity reaction suspected bearderson was given. The puppy recovered. The puppy had previously had Nobivac 1.4 at 6 weeks of age. 24/11/17 NCA comment Clinical signs received from reporter—Severe facial swelling, erythema, puritist. All resolved within 12 Duns. T-reatment desadresson and Chlorphenamine-VEDDRA terms added for Erythema and Pruritus.	Crossbred	1.64	Nobivac DHP - 1,N/A,N/A,10,1 Dose Not applicable 1 Animal (10/11/2017- 10/11/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 Dose Not applicable 1 Animal (10/11/2017- 10/11/2017)-BR> 	B - Possible	Timing and clinical signs suggest hypersensitivity reaction - two vaccine given
	GBR-MERCKMSD-2017-UK-06390	United Kingdom	Animal			08/11/2017		1 1		88/11/2017	R>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CB	bilirubin, Elevated SAP, Alboromal ultrasoudi finding, Abdominal effusion, Bilirubinuria, Decreased packed celli voltum (PCV); Enlarged lymph nodes (generalised), Reduced globulin, Anaemi (PCV); Enlarged NOS, Tirombocytopenia, Tachycardi a), Increased heart rate, Pale mucous membrane, Diarribosa, Pancreas disorder, Galli balor, Balories inflammation, Piepatomegaly, Tachy euthansia, Anorenia, Lethargy (see abor Central nervous system depression in "Neurological"), Weakness, Pyroxia, 5 kin petechiae, Nausea, Hypoalburninae mia), Immune mediated haemolytic anaemia		A amonth oid, female, Labrador was given a first holivac DIPP/A vaccination on 1110 October 17, nor reported problems. Accord vaccination on Noblosc DIPP/A was given on 8th November 2017, the was clinically well at the time of vaccination. On 8th November 2017, the owner reported that the use of the vaccination of the November 2017, the owner reported that the uppny had water by diarnose the evening before, lethrage, temperature 4.3 degrees. Consumer of the vaccination of vaccination of the vaccination of vaccina	Retriever	Not Known	Antibiotic Unidentified - MA/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	B - Possible	NCA agrees with MAH assessment
	GBR-MERCIANSO-2017-UK-06397	United Kingdom	Animal	Canine/dog	5 Month(s)	21/09/2017	13/11/2017	1 1	0 c	19/11/2017	Yes, GR> 	Lack of efficacy	No Data	Suspected list of expected efficacy following the use of Nobivac DHF/JA reported on 13 th Novembe 2017. A 5m onth of, female entire, Sonder Terrier weighing 1.7 fig was given Nobivoc DHFF/JA and 12 the breeder on 7 th August 2017 (B weeks of age). The dog was clinically well. On the 21st August 2017, the dog was given Nobivac DHF/JA and the 1 was 10 weeks old. On the 21st September 2017, the dog was given Nobivac LH. On the 6th November 2017, the dog was given Nobivac LH. On the 6th November 2017, the dog was given Nobivac LH. On the 6th November 2017, the dog was the set of the 1 cannot and had be a possible gas set set. Settled and examined and set in hower with ear treatment cannot cannot and set of the 1 cannot a	t : : : : :	1.7	Nobbac DIP - 1,N/A.N/A.24,1 Dose Not applicable 1 not post post post post post post post po	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCKMSD-2017-UK-06436	United Kingdom	Animal	Canine/dog		14/11/2017		1 1		14/11/2017	Known,cBR>cBr >>cBR>BR>cBr Yes,cBR>cBr R>cBR>cBR>Not Known,cBR>cBr >CBR>cBR>CBR Not Known	Urticaria/Panting,Ahoromal test result,Elevated,Art./Allergic pruffus,Distress,Restlessness,Neutrophilia,Vomiting	Not Known	Suspected Alverse Reaction On 14 Nov 2017, dog presented for a retart of vaccination and was vaccinated with Nobuco FIPP and Noblack L4, clinically well at time of vaccination, Approximately on hour the dog developed unicaria and pruritus, localised facilia and ventral half of the body. The dog was given Chlorpharmine intramuscularly, and within a few inhurtused gow suringerowing and sent home. Shortly after dog was returned as vomited and unsettled, administered a Cerenia injection and the dog was sent home again. Same day, shortly after the dog was distressed, parting and unsettled. Blood tests performed and showed haemolytic concentration, neutrophilia and increased ALT for value or reference range given). United the night vet administered a Decaderion injection as uritaria- flaring up. No further information expected. The dog had a similar reaction with Nobivac Lepto 2 in Nov 2016. See linked case: 2017-UK-06437		Known	Cerenia Jürng/mi Solution for injection for Dags and Cats - NJAN/AN/AN AN/ALTKINOWI (14/11/2017- 14/11/2017): REP-NEBN-NOBIVAC DIP-14/11/2017- 14/11/2	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXMSD-2017-UK-06438	United Kingdom	Animal	Canine/dog	2 Month(s)	10/10/2017	17/11/2017	1 1	0 1	16/10/2017	Yes, <b R> Yes</b 	Diarrhoea, Vomiting, Dehydration, Du	No Data	Suspert Adverse Reaction: 07 Sep 2017 and 10 Oct 2017 dag vaccinated with Nobiaco DiPPP and 14. Within 6 to 8 days of the injection on 10 Oct 2017 the dag became dull, vomited and had diarrhoea. As the dag was dehydrated she was placed on intravenors thids and recovered well. No more information expected. 29-Nov-2017 Follow-up. Date deemed serious added.	English s Springer Spaniel	11.6	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,NA/NA/, al., 21, ml 1 Animal (10/10/2017- 10/10/2017)+BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (10/10/2017-10/10/2017)+BR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCIMSD-2017-UK-OI	Kingdom	Animal	Canine/dog		31/10/2017		1 1	0 04/11/26	KNOWN, CBR>CBRANCE YES, CBR>CBR>CBRANCE YES, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	pain, Panting, Inappetence, Lethargy (see also Central nervous system depression in "Neurological"). Elevated temperature, Weight loss, Ahonrmal test result, Swollen joint, Proteinuria, Hyperphosphatae mia, Elevated creatinine, Elevated bile acids, Elevated total bille valids, Elevated bile acids, Elevated bile acids, Elevated total biltubin, Elevated	Known	Suppected adverse reaction Had a vaccination re start course on 3 Oct 2014 Nobwac DHP and L4. Then on 31 Oct 2017 it had a Nobwac L4. On 4 Nov 2017 it developed letherty, parting a temperature of 39.9. Heart rate was over 200. It had painful hocks. It showed pain on palapation of the hocks. They diagnosed 59 har per fever. Yes paintified to the control of the course of the paintified of the course of the	Shar Pei		Metacam unidentified - N/A,N/A,N/A,2,Junknown Unidensity III (1971) 1971-1971-1971-1971-1971-1971-1971-1971	B - Possible	4 days post vaccination is a strong time association and signs such as lethargy and a nised temperature can occur after succession. Anomal text results have also been observed after this vaccine, and although other underlying condition carnot be excluded, product involvement is possible.
NOBIVAC L4	GBR-MERCMMSD-2017-UK-O	447 United Kingdom	Animal	Canine/dog	9.1 Year(s)	19/10/2017	15/11/2017	1 1	0 27/10/26	17 Not Known, ~BR>~BR>~BR>~BR>~BR>~BR>~BR>~BR>~BR>~	ated SAP,Abnormal ultrasound finding,Hypokalaemia,Hypochlorae	No Data	Suspected Adverse Reaction. On the 19 October 2017, the dog was presented for a vaccine booster retart. The dog had prurits body and sign of scratching at the flanks, as fort bischenigin the right era pinna, increased body weight and suspected early strintis. The dog was vaccinated with Nobiox CIPF and Nobixe C. 14 Flat teartment with Brevetor 1400 mg was dispensed alongised with Milbernax Oct got tablets every 3 months, Milbernax Chewable Tablets for Dogs best puess) and Predissioners ang (3 tablets in 11 time for 7 days), It is unknown if Bravetor vase given with flood and at a different time of the other treatments. On the 27 October 2017 at 9.17 pm, the dog was seen in practice as he vemited 82 times during that a flamonou and twice in the practice reception plade bove integral, no blood, The owner reported that the dog is a scavenger but foreign body was not suspected. The dog had painful crainal adhomen and a small and lump not bothering im. The dog was hostpatide and given fortar Venous Ruid Therapy. On the 28 October 2017, the blood test results showed ALRP-381 (23-212) and slightly low postassian and chlorids (efference cange not given; Zantac, Vetergias), Cerenia and Norocker sjections were given; during the day the dog had diarnhose. During the hospitalisation the dog was skill opine Metronidasion letter across and Varamia Diz injection. On the 31 October 2017, the ultrasound examination showed only a quite large spleen but no masses. The dog was discharged at 6.57 pm with Norocker 500 mg (1 tablet twice a day) and Metrobactin 500 mg (2 tablets twice a day). No more information expected.	Labrador Retriever	44.6 - 47.9	Bravetto 1400 mg Chewable Tablets for Ops - 1400 Mg/AN/A 3,140 mg Unknown I Animal (15/10/2017- 15/10/	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0	450 United Kingdom	Animal	Canine/dog	9 Month(s)	06/04/2017	15/11/2017	1 1	0 07/11/20	17 Yes, SR>SR>NO Known	Lack of efficacy (parvovirus)	Not Known	Supercted Lack of Espected Efficacy, On 6 Agr 2017. dog vaccinated with Nobhac DHPPI and Nobhac L4, clinically well at time of vaccination. On a May 2017, dog vaccinated with Versitan L4. On 7 Nov 2017, inapperent and hemomrhagic diarrhose. On 8 Nov 2017, dog presented due to diarrhose, earling grass, vomiting producing white phlegm and inapperent. On 10 Nov 2017, vomiting, diarrhose, east leaves/grass and vomits afterwards. Pamoviura faceal range to psot by and taged with region and leaves/grass and vomits afterwards. Pamoviura faceal range to psot spot and state dividenal market. On 11 Nov 2017, brighter and started Metronidazole, Zinacef, Marbooyl, Ranitdine, intravenous fluid therapy and Virbagen. On 13 Nov 2017, discharged for home nursing. Awalt further information.	West Highland White Terrier	Not Known	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (06/04/2017- BR>- BR>- Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (06/04/2017-06/04/2017)-BR>- BR>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4		Kingdom	Human	Human	22 Year(s)	19/10/2017		1 1	0 19/10/20	Known, Known, SR> Not Known	NOS (for photophobia see 'neurological'),Localised pain NOS (see other 'SOS's for specific pain),Elevated temperature.Eyesight trouble,Ocular burn,Dizzy spell.Eye pain,Eye stinging,Nausea,Vision blurred,Localised numbness (see also application site SOC)	Not Known	A dag owner received a misture of two vaccines in her eyes, mostly the left, and in her mosth when the "vaccine explored" whils being admistrated by a vet to 0.7 epupers. She fist isk and disty because the swallowed some of the vaccine. She washed her eyes immediately, but they continued to string and burn. She womheld twice 20 minutes after the incliner. Her eyes were granfful. Approximately 45 minutes later he incliner. Her eyes were parful. Approximately 45 minutes later he inclined a tensor injection. He was state to hospital, where the was given IV fulsion. Shortamphenicol and a tensor injection. A days later a small comeal lucer, spots and scarring was diagnosed on the left eye. She was prescribed antibiotic eye drops, Linhtcare eye drops and steroids leyel dorps. The patient states that her eyes are still painful and blurred. Undescribed treatment is on going.	Human	Not Known	Nebbac DHP - 1. _m 10+BR>-BR>Nobhac L4 Suspension for Injection for Dogs - 1. _m 10+BR>-BR>		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-01	United Kingdom	Animal	Canine/dog	5.3 Year(s)	23/09/2017	07/02/2018	1 1	0 16/10/25	17 Not Known	Leucopenia, J. ymphopenia, Spienom egajk, Diarhosa, Avminiag, Other immune system disorder immune system disorder mespiratory rate, Lerbargy (see also Central nevous system depression in Neurological), Pyresai, Not estimated by the system depression of the system depression of the system depression of the system depression in Neurological), Pyresai, Not estimated by the system depression in Neurological pyresai, Noter depression of the system depression of the system of the	Not Known	Suspected Alverse Reaction. On 23 Sep 2017, Oligo yaccinated with Noblace L4 and clinically well at time of valocination bother than dois; "ne-existing hot spot under life are and networked with Fuciderm and also had a grade-1/2 heart murmur. On 16 Oct 2017, owner presented dog as developed diurhoea, lethangia and not earling, on examination, temperature 33-7 degrees Celsius and given a Metacem injection and Metrobactin tablests. On 18 Dot 2017, owner presented as no improvement and temperature 32-8 degrees Celsius, resignatory rate 55 and clinically elehydraced. Admitted and given instruvenous fluid therapy. On 3 Oct 2017, discharged as langither and earling Blood tests performed instruvenous fluid therapy. On 3 Oct 2017, discharged as langither and earling, Blood tests performed consequent and the second of the second of the second second of the second of	Miniature Schnauzer	10.2	Nobbac L4 Supervion for Injection for Object. No. M.A. (10.1 ml 1 Anima) (123/09/2017; 8R~8R>	B - Possible	23 days is a reasonable time association with clinical sixys, particularly for immune mediated deseases. The clinical such as diarrhosa, letharigy and inappetence are expected affer exaccination. Immune mediated pancytopensi was diagnosed and immune mediated pancytopensi was diagnosed and immune mediated pancytopensi was diagnosed and immune mediated who will be a supposed to the control of th

NOBIVAC L4	GBR-MERCXMSD-2017-UK-06485	United Kingdom	Animal	Canine/dog	5.5 Year(s)	13/11/2017	17/11/2017	1 1	O.	13/11/2017	Not Known	Inappetence,Lethargy (see also Central nervous system depression in Neurological"),Depression,Reluctar 11 to move,Elevated 11 to move,Elevated 11 to move,Elevated 12 move,Elevated 12 move,Elevated 13 move,Elevated 13 move,Elevated 13 move,Elevated 13 move,Elevated 13 move,Elevated 13 move,Elevated 14 mo	Not Known	Suspected Adverse Reaction On 13 Nov 2017, dog vaccinated with hobbuse L4 and was clinically well at time of vaccination. Previously had a left foreimb soft tissue injury but no treatment of this. Same day, developed some womiting and was given a bland diet but still womiting and developed soft faces on 14 Nov 2017, presented to emergency practice and was given Cerenia, Omergacia and Buscopan injections, also given Omergacia to go home with. On 15 Nov 2017, owner contacted practice as was lestrage in and to esting however or womiting or soft faces. On 16 Nov 2017, owner presented the dog as was inappetent and weight loss, lethargic and that good on left foreith as well as swellen cargon on examination, depressed, unwilling to move and lamnesses on left foreith as well as swellen cargon increased heart rate (130 beats per minute), tacky mucous membranes, tense abdomen and representation of the presence of the control of the present of the control of the	Bay Retriever is is.	33.2	Nobbac L4 Supervisor for Injection for Tops: 1.1/A/A/, 0.1 ml 1 Animal (13/11/2017 - 13/11/2017	B - Possible	NCA agrees with MAH assessment.
	GBR-MERCKMSD-2017-UK-06524	United Kingdom	Animal			28/04/2017		1	o	06/05/2017	Known, GRR-SeR, -GRX-GRX-SER, Yes, GRX-GRX-GR RX-GRX-GRX-GR GRX-GRX-GRX-GR GRX-GRX-GRX-GR GRX-GRX-GRX-GR Known	Brain disorder NOS, Muscle hanking Shaking Decreased packed cell volume (PCV).Intention tremor, Monocytosis, Almormal cytology, Jymphocytosis, Neutrophil a, Ermesis, Lameness, Encephalitis, lot a, Ermesis, Lameness, Encephalitis, lot able to latendary. Lethargy (see also Central nervous system depression in Neurological) Extensor rigidity, Impaired proprioception	No Data	Supected adverser exaction following the use of Noblava Chife 8,14 reported on 20th November 2017. A male nestered, 79 prodeels, born on 16th Peduary 2017 was given its first Noblava Chiff and 14 vaccination on 28th April 2017. It also had Advocate 40 and Panacur Paste for 3 consecutive days. On 71 May 2017, the oligo was off all a fillen, Not able to support its weight, flooping to the left hand dis Still responsive. Shaky and vomited once. Owner reported yesterday seemed slightly lame Left forc be was otherwise Oct. Examination Responsive. Addominal and spinal palpataphan ormal. Hind films drawn into abdomen, fore limbs extended. Negative proprioception. 8 xill responsive during these espodes. Blood test Elischemistry. unemarable, Nearnotin Chiz 26 (2373-0457), Neutrophils 11.87 (25-51.04), Lymphocytes 5.02 (1.05-5.10), Monocytes 3.64 (1.06-1.12) - indication of inflammation/infection. The dog was referred to a neurologist. Referral vet report. The dog had beer attack, Lethange, ancreac and shaking. Clinical Examination: ambulatory but significantly attack. Proprioception normal in all four limbs. The rest of the cranial inerve examination was unremarkable. Non neuro deficits detected in any of the limbs. Routize bloods showed increased WIAC with neutrophilia and significantly expressions. The rest of the scalar inerve examination was unremarkable. Non neuro deficits detected in any of the limbs. Routize bloods showed increased WIAC with neutrophilia and significantly expressions. Will of the skull revealed diffuse gery nature weekling with product contrast enhancements seen in the restrict part of the cerebellum and cased WIAC with neutrophilia and significantly expressions. Provided the cerebolar and cased with the weekling with product contrast enhancements seen in the restrict part of the cerebellum and cased WIAC with neutrophilia and significantly expressions and the second of the shall restrict seed of the care and the second of the shall restrict the contrast enhancement seen in the restrict part of t	t	Not Known	Advocate Spot-on Solution for Small Dogs - 1.N/NA/A_2.1 Syrings/Tube Not applicable 1. Animal (28/04/2017-28/04/2017)-RR-Nebvac DHP J.N/NA/A_2.1 Dose Not applicable 1. Animal (28/04/2017-28/04/2017-28/04/2017-28/04/2017-8		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIMISD-2017-UK-06557	United Kingdom	Animal	Canine/dog	1.7 Year(s)	08/11/2017	05/12/2017	1 1	0	11/11/2017	Not Known, <br< br=""> ** Known, <br< br=""> ** Yes, <br< br=""> ** Known, <br< br=""> ** BR ** Not Known,<br< br=""> ** Not Known</br<></br<></br<></br<></br<>	Facial swelling (see also "Skin"), Hypersensitivity reaction	Not Known	Suspected adverse reaction Vaccinated on 8 Nov with Nobixus CPIP and L4 and Kr., she was clinically well at the time of vaccination, howevers hed daha al stury are at the axialli area, the vet applied Advocate. On 11 Nov the dog returned to the practice as she had a swollen face and was experiencin type. I hypernentivity reaction, the vet agent the dog some Prition and the dog is reported to being doing well. Unknown if fully recovered. No more information expected. Bayer MAH comment: In medical history for ingine perporting VEDIRA term added as 1 Knoley. 3 L17/17 KCA comment - Veddra term "itching" not added as was present prior to products being used.	French Buildo	g Not Known	Advocate Spot-On Dog unidentified LIN/NA/NA, 24.1 Dose Ulminown 1 Animal (B8/11/2017- (B6/11/2017)-B6-B8-Nobiwac DHP JN/AN/A, 10.1 ml Uninown 1 Animal (B8/11/2017)-B6-SBT-Nobiwac KC-AN/NA/A, 10.0 ml Uninown 1 Animal (B8/11/2017- G8/11/2017)-B6-SBT-Nobiwac KC-AN/NA/A, 10.0 ml Uninown 1 Animal (B8/11/2017- G8/11/2017-B6-SBT-Nobiwac LG Suspension for Injection for Dogs - 1,N/NA/A, 10.1 ml Uninown 1 Animal (B8/11/2017- G0/11/2017)-B6-G0/11/2017-B6-G0/11	B - Possible	NCA agrees with MAH assessment
NOBIVAC LA	GBR-MERCRMSD-2017-UK-06560	United Kingdom	Animal	Canime/dog	5 Month(s)	18/08/2017	15/03/2018	1 1	0	28/10/2017	Not Soown-GBY-GBY-GBY- ORD-GBY-GBY- SCHE-GBY-GBY- BY-GBY-GBY- BY-GBY-BBY- BY-GBY-BBY- BY-GBY-BBY- BY-GBY-FBY-	Lack of efficacy	No Data	Sepected Lack of Expected Efficacy, On the 21 July 2017, the day was given Noblanc DNP and Noblace LLO. On the ALB AUGUST 2017, the day was given Noblace DNP, Noblace LLO on the 28 October 2017, the day was presented with vomit, diarrince with blood and body temperature of 38 degree Celsus. The owner reported that the day far dearn a dear fabrit to days before. Treatment with antibiotics, probiotics and worming was given. On the 30 November 2017, the day wormed to the control of the 28 November 2017, the day wormed to the 28 November 2017, the day wormed to the 28 November 2017, the day wormed was given. On the 30 November 2017, the day wormed was given. On the 30 November 2017, the day wormed to the 28 November 2017, the day wormed 2017, and a simple state of the 28 November 2017, the day and contact plant of the 28 November 2017, the day and of the 28 November 2017, the day and of the 28 November 2017, the 31 November, the day and promoted plant of an office of the 28 November 2018, and the 28 November 2018, and 2018,	a 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15.3	Jacquard Spectra 18.75 or gl. 2.75 or gl. Chewable Tables for Dogs -1.11. Months. AVA.1 Tablets 1 Months 1 Animal (15/09/2017). MONTHS 1 Animal (15/09/2017). MONTHS 1 Animal (15/09/2017). MONTHS 1 Animal (18/09/2017).	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-06617	United	Animal	Canine/dog	17 Month(s)	16/09/2016	02/02/2018	1	1 0	04/11/2017	Yes, <b< td=""><td>Lack of efficacy</td><td>No Data</td><td>Suspected Lack of Expected Efficacy On the 20 August 2016, the dog was vaccinated with Nobivac DHP</td><td></td><td>8</td><td>Nobivac DHP - 1,N/A,N/A ,10,1 ml</td><td>0-</td><td>Awaiting information, await serum paired samples</td></b<>	Lack of efficacy	No Data	Suspected Lack of Expected Efficacy On the 20 August 2016, the dog was vaccinated with Nobivac DHP		8	Nobivac DHP - 1,N/A,N/A ,10,1 ml	0-	Awaiting information, await serum paired samples
		Kingdom						1			R> Yes			and Nobivac L4. On the 6 September 2016, the dog was vaccinated with Nobivac DHP only and on the	Spaniel		Unknown 1 Animal (06/09/2016-	Unclassifiable/unassessa	expected
								1						16 September 2016, the dog was vaccinated with Nobivac L4 only. On the 4 November 2017, the dog			06/09/2016) Nobivac L4	ble	
								1						became unwell and was presented with vomit. The dog was overdue a booster vaccine but it was not			Suspension for Injection for Dogs -		
								1						given. On the 6 November 2017, the dog became very jaundice, the blood test results showed raised			1,N/A,N/A ,10,1 ml Unknown 1		
								1						renal and liver parameters and mild neutrophilia (data not given). Treatment with Intra Venous Fluid			Animal (16/09/2016- 16/09/2016) 		
								1						Therapy and antibiotics was given. On the 11 November 2017, the dog resulted positive for Leotospirosis. Case open awaiting for more information. Follow up 22 November 2017: On the 11			16/09/2016) 		
								1						November the dog resulted positive for Leptospirosis following urine PCR test. The serum was also					
								1						taken for the first of a paired sera but the sample was lost by the lab. On the 13 November 2017, the					
								1						dog was taken off the IVTF and further blood was taken. The renal parameters had reduced (data not					
								1						given). On the 17 November 2017, the dog went out for a walk, was quiet and showed marked					
								1						respiratory problems, which resolved with rest. On the 22 November 2017, the vet reported that the					
								1						dog was feeling better and was at home treated with Doxycycline and Amoxyclav. The vet intended to					
								1						take another blood sample for the paired antisera. Case open awaiting information. Follow up 31					
								1						January 2018: no further information received. Case closed Follow up 2 Feb 2018 - Clinical history					
								1						received. On 6 Nov 2017, vet reported the dog was inappetant and lethargic with a tense abdomen.					
								1						Vet reported the dog had a temperature of 36 degrees C and was in sternal recumbency. Bloods					
								1						showed creatinine 327 (44-159), RBC 8.54 (5.5-8.5), WBC 20.11 (5.5-16.9), neutrophils 16.28 (2-12),					
								1						eosinophils 0.09 (0.10-1.49) and platelets 126 (175-500). A snap canine pancreatic lipase test was					
								1						abnormal. A Spec cPL was 239, in the grey zone for a definitive diagnosis of pancreatitis. Treated with	1				
								1						IVFT, Augmentin, vetergesic and metacam. On 7 Nov 2017, bloods showed Urea 38.0 (2.5-9.6),					
								1						phosphorus 2.91 (0.81-2.2), sodium 138 (144-160), chloride 104 (109-122), ALT 373 (10-125), ALP 304					
1		1	1	l	l	1		1 1	1	I	I		1	(23-212), GGT 16 (0-11), Total Bilirubin >477 (0-15), RBC 5.94, WBC 12.44, Neutrophils 7.54,					
1				l	l	1		1 1	1	l	1		1	Monocytes 2.19 (0.3-2.0), eosinophils 0.15 and platelets 107 (reference ranges as above). A PCR test					
1				l	l	1		1 1	1	l	1		1	for Leptospira was positive on urine and negative on blood. Treated with Kesium and Doxycycline. vet					
1		1		l	l	1		1 1	1	l			1	reported the dog had ongoing vomiting and a temperature of 37.2 degrees C. On 9 Nov 2017, vet					
			1					 	+				l	reported dog was retching, but brighter and was eating small amounts. Treated with Cerenia. On 10					
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06641	United	Animal	Canine/dog	2 Month(s)	17/11/2017	7 23/11/2017	1	1 0	22/11/2017		Hydrocephalus,Tonic-clonic	No Data	Serious suspected adverse reaction following the use of Nobivac DHP/L4 reported on 23rd November	Chihuahua	0.5	Nobivac DHP - 1,N/A,N/A ,24,1 Dose	U1 - Inconclusive	NCA agrees with MAH assessment
1		Kingdom		l	l	1		1 1	1	l	K> <rk><rk>Aes</rk></rk>	seizure,Abnormal ultrasound finding	1	2017. A 2 month old, female entire, Chihuahua, weighing 0.5Kg was given its first vaccination on 17th November 2017. She was given Nobivac DHP/L4 and was clinically well at the time of vaccination. On			Not applicable 1 Animal (17/11/2017-		
1				l	l	1		1 1	1	l	1		1	the 22nd November 2017, the dog had 3 seizures. The dog experienced 2 seizures close together in the			17/11/2017- 17/11/2017) Nobivac L4		
								1						morning and another single seizure at 3pm. Each seizure lasted 10-30 seconds and was tonic clonic in			Suspension for Injection for Dogs -		
								1						nature. No pre or post-ictal phase recorded. At the practice, temperature was normal and no			1,N/A,N/A ,24,1 Dose Not applicable		
								1						neurological deficits noted. Treatment was given: Diazepam rectal tube. Frusemide - 0.02 ML. Dimazor			1 Animal (17/11/2017-		
								1						O.02 ML, synulox 0.02 ML, Panacur. Vet suspects hydrocephalus and an ultrasound of the brain	1		17/11/2017) 		
								1						showed abnormalities around the fontanelle suggesting mild hydrocephalus in this case. Further			,,,		
								1						information may become available.					
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06646	United	Animal	Canine/dog	12 Week(s)	20/11/2017	7 04/01/2018	1	1 0	21/11/2017	Not	Low platelet	No Data	Suspected adverse reaction following the use of Nobivac DHP & Lepto 4 reported on the 23rd	German	Not	Cerenia unidentified - 1,N/A,N/A	B - Possible	NCA disagrees with MAH assessment. Close temporal
		Kingdom						1			Known, <br< td=""><td>count,Eosinophilia,Diarrhoea,Emes</td><td>ii</td><td>November 2017. A 12 week old, female, German Shepherd Dog was vaccinated with Nobivac DHP and</td><td>Shepherd Dog</td><td>Known</td><td>,24,1 Dose Unknown 1 Animal (N/A-</td><td></td><td>association with vaccination and another underlying</td></br<>	count,Eosinophilia,Diarrhoea,Emes	ii	November 2017. A 12 week old, female, German Shepherd Dog was vaccinated with Nobivac DHP and	Shepherd Dog	Known	,24,1 Dose Unknown 1 Animal (N/A-		association with vaccination and another underlying
																	N/A) Metacam		
											> 	s,Jaundice,Hypercalcaemia,Abnorm	1	Nobivac L4 in the scruff of the neck on the 20th November 2017, the dog was clinically well upon					disease has not been confirmed - product
											Not	al test	1	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting			unidentified - 1,N/A,N/A ,24,1 Dose		involvement is possible. Two vaccines given
											Not Known, <br< td=""><td>al test result,Hyperphosphataemia,Elevate</td><td>e</td><td>examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhoea, no temperature, Mucous Membranes jaundiced. Supported with Intra venous fluids,</td><td></td><td></td><td>unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017-</td><td></td><td></td></br<>	al test result,Hyperphosphataemia,Elevate	e	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhoea, no temperature, Mucous Membranes jaundiced. Supported with Intra venous fluids,			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017-		
											Not Known,
 ></br 	al test result, Hyperphosphataemia, Elevate d BUN, Elevated creatinine, Elevated	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhoea, no temperature, Mucous Membranes jaundiced. Supported with intra venous fluids, Metoclopramide Injection and Metacam. In house Blood test showed: ALP: 550 (0-160), ALT: 508 (0-			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017) Nobivac DHP		
											Not Known,
 > Yes, <b< td=""><td>al test result, Hyperphosphataemia, Elevate d BUN, Elevated creatinine, Elevated ALT, Elevated total</td><td>e d</td><td>examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhoea, no temperature, Mucous Membranes jaundiced. Supported with Intra venous fluids, Metoclopramide Injection and Metacam. In house Blood test showed: ALP: 550 (0-160), ALT: 508 (0- 110), Calcium: 2.89 (1.92 - 2.75), Phosphate: 2.86 (0.7-2.1), Total Billindin: 110 (0-15), Urea: 24.1 (1.7-</td><td></td><td></td><td>unidentified - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017) Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable</td><td></td><td></td></b<></br 	al test result, Hyperphosphataemia, Elevate d BUN, Elevated creatinine, Elevated ALT, Elevated total	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhoea, no temperature, Mucous Membranes jaundiced. Supported with Intra venous fluids, Metoclopramide Injection and Metacam. In house Blood test showed: ALP: 550 (0-160), ALT: 508 (0- 110), Calcium: 2.89 (1.92 - 2.75), Phosphate: 2.86 (0.7-2.1), Total Billindin: 110 (0-15), Urea: 24.1 (1.7-			unidentified - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017) Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable		
											Not Known,
 Yes, Yes,</br 	al test result, Hyperphosphataemia, Elevate d BUN, Elevated creatinine, Elevated ALT, Elevated total bilirubin, Elevated SAP, Decreased	e d	earmination. On the right of the 21st November 2017 the dog was admitted to the vets with voniting and diarrhoes, no temperature, Muccous Membranes juundiced. Supported with intra verous fluids, Metocloparamide injection and Metacem. In house Blood test showed: AIP. 550 (9-160), AIT. 556 (10-10), Calcium 2.89 (1,52 - 2.75), Phosphate 2.86 (7.7-11), Total Billiumbin 1:10 (0-15), Ures 3.41 (1.7-9.8), Other blookmarity normal. Hearinshogy Red Blood Clais 3.41 (5.61-83), Hearistoch: 236 (1.61-83). Hearistoch: 236 (1.61-83), Hearisto			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017) Nobivac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (20/11/2017-		
											Not Known,
 < Yes, <br R> Yes, <</br </br 	al test result, Hyperphosphataemia, Elevate d BUN, Elevated creatinine, Elevated ALT, Elevated total billirubin, Elevated SAP, Decreased red blood cell count, Decreased	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and distrines, no temperature, Muccous Membranes justiced. Supported with time venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (b-160), AIT 508 (b-160), Calcium: 28 (g) 12 - 27. Phy Reposted 28 (67-21. Pl.) rotal Blindshi 110 (16.), Ilves 214 (11.7-28). Other biochemistry normal. Heamatology, Red Blood Cells 5.3 4 (5.6-8.87). Heamaton: 20.7-3 e1.7). Heamaton: 20.7-3 e1.7-3 e1.7). Heamaton: 20.7-3 e1.7-3 e1.7). Heamaton: 20.7-3 e1.7-3 e			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017) cBR>-KBR>Nobiwac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017\cdotSR>-KBR>Nobiwac L4		
											Not Known,
 Yes, <b R> >BR> BR> >BR></b </br 	al test result, Hyperphosphataemia, Elevatte d BUN, Elevated creatinine, Elevated ALT, Elevated total bilirubin, Elevated SAP, Decreased theodocal count, Decreased haemoglobin, Decreased packed	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Mucros Membranes jusuided. Supported with Intra venous fluids, Metoclopramide injection and Metacam. In house Blood test showed: ALP: 550 (0-160), ALT: 508 (0-110), Calcium: 2.89 (1.52 - 2.75), Phosphate 2.86 (0.72-1), Total Billiudhi 110 (0-15), Usera 24.1 (1.7-98), Other bloothensity normal. Heamathoogy/Red Blood Cells: 3-34 (5-6-83), Heamatoric: 256 (3/3-3-61.7), Heamagolishin: 10.8 (1848-484), Plateites: 13 (148-484), On the 24th November 2017, the dogs currently stable. User 23 (17-7-8), Creatinier 23 (5-17-0). Mucros membranes more plaunided.			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017/EBN-26R > Nobiwac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017/>BR> > Nobiwac L4 Suspension for Injection for Dogs -		
											Not Known, BR > BR>BR>CBR Yes, BR>CBR R>BR>CBR>CBR SBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C	al test, thyperphosphataemia, Elevate da BUN, Elevated creatinine, Elevated ALT, Elevated total bilirubin, Elevated SAP, Decreased red Blood cell count, Decreased haemoglobin, Decreased acked cell volume (PCV), Abnormal red	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no emperature, Muccous Membranes justiced. Supported with intra venous fluids. Metoclopamide injection and Metacam: In house Blood test showerd. AP. 550 (b-160), AlT: 508 (b-150), Calcium: 28 (g) 12-2. T.9), Probjectale 28 (67-2.1). Total Blindhis 11:10-10.3, Ures 214 (11-7.9.8). Other bloothemistry normal. Haematology: Red Blood Cells: 5.3.4 (5.6-8.87). Haematocit: 29.6 (373-4.5.1), Haematocit: 29.6 (373-4.5.1), Haematocit: 29.6 (373-4.5.1), Haematocit: 20.6			unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017)-BR> Nobivac DHP- 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose Not applicable		
											Not Known,
 Yes, <b R> >BR> BR> >BR></b </br 	al test result, Hyperphosphataemia, Elevate da BUN. Elevated creatinine, Elevate d. LT. Elevated total bilirubin, Elevated SAP, Decreased haemoglobin, Decreased haemoglobin, Decreased packed cell volume (PCV), Abnormal red blood cell, Elevated	e	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no femperature, Mucros Membranes justiced. Supported with intra venous fluids. Metoclopramide injection and Metacam. In house Blood test showed: ALP-550 (b-160), ALT-508 (b-110), Calcium 2.89 (1.92 - 2.75), Phosphate 2.86 (p.72-1), Total Billiudhi 110 (p-15), Urera 24.1 (1.7-98), Other bloothemstry normal. HerealtoolygyRed Blood Cells 5-34 (5.67-8.67), Urera 24.1 (1.7-98), Other bloothemstry normal. HerealtoolygyRed Blood Cells 5-34 (5.67-8.67), Herealtootic: 256 (3.73-6.71), Heach 110 (1.92-1.92), Peters 110 (1	L		unidentifiled - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017-8N-R8-N8h0bivac DHP 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-8R88R8-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017-		
											Not Known, BR > BR>BR>CBR Yes, BR>CBR R>BR>CBR>CBR SBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C	al test, thyperphosphataemia, Elevate da BUN, Elevated creatinine, Elevated ALT, Elevated total bilirubin, Elevated SAP, Decreased red Blood cell count, Decreased haemoglobin, Decreased acked cell volume (PCV), Abnormal red	e d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no emperature, Muccous Membranes justiced. Supported with intra venous fluids. Metoclopamide injection and Metacam: In house Blood test showerd. AP. 550 (b-160), AlT: 508 (b-150), Calcium: 28 (g) 12-2. T.9), Probjectale 28 (67-2.1). Total Blindhis 11:10-10.3, Ures 214 (11-7.9.8). Other bloothemistry normal. Haematology: Red Blood Cells: 5.3.4 (5.6-8.87). Haematocit: 29.6 (373-4.5.1), Haematocit: 29.6 (373-4.5.1), Haematocit: 29.6 (373-4.5.1), Haematocit: 20.6	ı		unidentified - 1,N/A,N/A ,24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017)-BR> Nobivac DHP- 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose Not applicable		
											Not Known, BR>BR> Yes, >BR> R> Yes, Yes, SBR> SBR> BR> SBR> BR> SBR> SBR> SBR	al test csult,Hyperphosphataemia,Elevate dSUN,Elevated creatinine,Elevate dLT,Elevated total billrubin,Elevated SAP,Decreased red Blood cell count,Decreased haemoglobin,Decreased packed cell volume (PCV),Abnormal red blood cell,Elevated amylase,Hypokalaemia,Monocytos amylase,Hypokalaemia,Monocytos	e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucros Membranes justiced. Supported with intra venous fluids. Metoclogramide injection and Metacam. In house Blood test showed: AUP 550 (b. 160), ALT 558 (b. 110), Calcium: 2.89 (1.2 - 2.75), Phosphate 2.86 (0.7 - 2.1), Total Billirubin 1110 (b.15), Ures 2.41 (1.7 - 9.8), Other bothemistry normal. Heamatology/Red Blood Cells: 5.34 (5.65 - 8.81), Heamatolocit: 29 (3.7 - 3.17), Heamaglobin 1.08 (1.84 - 488), Plateites: 13 (148-488), On the 24th November 2017, the dogs turnerly 1450-Live 23 (2.1 -8.91), Cestainier 23 (5.1 -9.17), Mucrous membranes more jaunded: Awaiting further test results. Further information expected. Follow up 4 Dec 2017 - 0.0 23 Nov 2017), Declaporiar PCR secology was regative. On 24 Nov 2017, Declaporiar PCR secology was regative.			unidentfied - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017)-BRYBRY-Nobivac DHP- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-BRYBRY-Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-BRYBRY-Amoxicillin /		
											Not Known, BR>BR> Yes, >BR> R> Yes, Yes, SBR> SBR> BR> SBR> BR> SBR> SBR> SBR	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Muccous Membranes junificed. Supported with intra venous fluids. Metoclopamide injection and Metacam: In house Blood test showed: AIP 550 (b-160), AIT 508 (b-170), Calcium: 28 (j) 22 - 27.9), Propheta 258 (67-21.) For 10 all livelsh 110 (16.), Irves 214 (11-79.8). Other biochemistry normal. Heamatology, Red Blood Cells: 5.3.4 (5.6-8.87). Heamatorit: 29.6 (373-4.61), Heamatorit: 29.6 (373-4.61), Patendopids in 10.8 (1845-484), Patents: 211 (1648-484), On the 244th November 2017, the dog is currently stable. Ures 23 (17-98), Creatinine 235 (b-170), Muccous membranes more jaundiced. Availing further test results. Further findmation expected, Follow up 4 Dec 2017, On 23 Nov 2017. Leptospra FCR serology was regative. On 24 Nov 2017, Bloods tests showed amylass: 1774 (300-1300) coldium 138 (140-154), potssium 37. (345-36), MCV-54.8 (160-75.3), McV1.19 (17.12-25.9).			unidentified - 1,N/A,N/A, 24,1 Dose Unknown 1, Animal (2,1/11/2017- 21/11/2017-(BRBR-Nobinac DHP- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-(BRBR-Nobinac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-(BRBR-Smoxidilin/ 1 Calvalante (Dmann) - 1,N/A,N/A		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Muccous Membranes junifords. Supported with intra venous fluids. Metoclopamide injection and Metacam: In house Blood test showed: Alp 550 (b-160), Alt 750 (b-160), Al			unidentified - I.M.A.M.A. 24.1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017)-887-887-Noblwac Dhr 1.M/A.M.A. 24.1 Dose Not applicable 1 Animal (2011/12017-8887-Noblwac L4 Suspension for injection for Dogs- 1.M/A.M.A. 24.1 Dose Not applicable 1 Animal (2011/2017- 20/11/2017-8887-8887-Noblwac L4 Suspension for injection for Dogs- 1.M/A.M.A. 24.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-8887-8887-Amosicillin / Gavdanate (human) - 1.M/A.M/A 24.1 Dose Unknown 1 Animal (M/A.M.A.)		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucros Membranes justiced. Supported with intra venous fluids. Meto-cloparenide injection and Metazam. In house Blood test showed: AUP 550 (p.1-60), ALT 558 (b. 101), Calcium: 2.89 (1.9-2.2.75), Phosphate 2.86 (0.7-2.1), Total Billirubin 110 (p.15), Urea 2.41 (1.7-9.9), Other bothemistry normal. Hemanizology-Red Blood Cells: 5.34 (5.65-8.17), Hearnastocit: 29.6 (3.7-3-6.17), Hearnasjochin 1.08 (1.84-8.48), Platelles: 13 (1.48-48.9), On the 24th November 2017, the dogs turnerly stable. Urea 2.11-7.89, Crestaliner 235 (p.1-17), Mucrous membranes more jeunifede. Awaiting further test results. Surther information expected. Follow up 4 Dec 2017: - 0n.2 Nov 2017, bedsorps APS resology was regastive. On 24 Nov 2017, Booth Stets showed amples 1774 (300-1301) soldium 139 (140-154), potassium 3.7 (3.8-5.6), MOV 5.8 (61.6-7.5.5), MOV 19.7 (21.2-2.5.9) monocytes: 17.5 (c.0.8) and ecision(plats: 126 (c.0.8)). Abodin sures showed as left shift, anticocytosis and numerous abnormal looking cells with dark foamy cytoplasm and irregular edges. Treated with Augmentin and Omegrazioe. On 2.5 Nov. 2017, Boods Showed APS 81 (0.56), Cestaliner 235 (c.1-18), Macrosimine 31.6 (1.7-18).			unidentified - I.M.A.VIA, 24.1 Dose Unicono 1 Anima (12/11/2017- 21/11/2017-6RP-RBP-Mobiwa C IVIP- 21/11/2017-6RP-RBP-Mobiwa C IVIP- 1 Animal (20/11/2017- 20/11/2017-8RP-RBP-Mobiwa L 4 Supension for injection for Dogs 1.N/A.N/A. 24.1 Dose Not applicable 1 Animal (20/11/2017-8RP-RBP-amodeillin / Caudvalante (Immail 17/4). 24.1 Dose Unknown 1 Animal (N/A 01/12/2017-8RP-BBP-embeckpores		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	면 건	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes junifords. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (b-160), ALT: 558 (b-150), Calcium: 28 (j) 12-2. T-29), Problemate 28 (67-2. 1), Total Blindhis 110-163, June 23 41, L17-2. 38.) Other biochemistry normal. Hearnatology, Red Blood Cells: 5.3.4 (5.6-8.87). Hearnatorit: 29.6 (373-4.17), Telemostorit: 29.6 (373-4.17), Telemostorit: 29.6 (373-4.17), Microsia membranes more jaundeed. Awaiting further test results. Further findmation expected: Follow up 4 Dec 2017, On 20 Nov 2017. Leptospira PCR serology was negative. On 24 Nov 2017, Bloods tests showed amylase 1774 (300-1300) 500ium 139 (140-154), potassium 37 (38-3-6), MOV-54.8 (166-7-53), McH 197. (127.2-59). monocytes 1.75 (c0.8) and ecoinophis 1.28 (c0.08), A blood smear showed a left shift, anisocytosis and numerous abnormal looking cells with flark formy cytoplasm and irregular edges. Treated with Augmentin and Omegrazole. On 25 Nov 2017, Bloods showed ALVP 81 (0-160), creatinine 135 (0-170), Phosphate 2 (0.7-2.10) and ures 0.11-2.98, Treated with Cerenia. On 27 Nov 2017, bloods showed ALVP 28 (0-200), ures 6.3 (1.7-8.5), a PCV was 31%, sodium 126 (140-154), potasitium 4.3 (38.8-6) and Childred 88 (102-117), no 28 Nov 2017 (200 saw streated with Ayrivoux and on 30 Nov 2017 treated with	L		unidentified - 1.M/A/M/A 24.1 Dose Uniforwan 1 Anima (2/11/2/D17- 21/11/2017)-618-618-Nobiwac DHP- 1.1/A/M/A 24.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-68-68-Nobiwac L4 Sispension for Injection for Dogs - 1.M/A/M/A 24.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017)-68-68-mamodicilin / clavulanate (human) - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (M/A- 01/12/2017)-688-680-metoclopram ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (M/A- 01/12/2017)-688-680-metoclopram ide unidentified - 1.M/A/M/A 21.1 Dose Unknown 1 Animal (M/A- 01/21/2017)-688-680-metoclopram ide unidentified - 1.M/A/M/A 21.1 Dose Unknown 1 Animal (M/A- 01/21/2017)-688-680-metoclopram ide unidentified - 1.M/A/M/A 21.1 Dose Unknown 1 Animal (M/A-1) 21.1/11/2017-		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and distrines, no temperature, Mucous Membranes junifords. Supported with intra venous fluids, Meto-Loparamide injection and Metacam. In house Blood test showed: AP. 550 (0-160), ALT: 508 (0-100), Calcium: 28 (19-2: 7-25) (November 2-26) (7-2). To cold likelium: 1010-105), time 3:14 (11-7-9.8). Other biochemistry normal. Hearnatology Red Blood Cells: 3.34 (5-6: -8.87). Hearnatorit: 29.6 (3738.17), Hearnatorit: 29.6 (3738			unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (2/11/2017- 21/11/2017)-8RS-Nobwac DIP- 21/11/2017)-8RS-Nobwac DIP- 1.N/A.N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-8RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP- 20/11/2017-9RS-Nobwac LIP-2017-9RS-Nobwac LIP-2017-9		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes jaunderds. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (b-160), AIT: 508 (b-101), Calcium: 28 (pl 2-2 x-73), Probapeta 2-8 (60 x-2.1), rotal silluois 110-160, Jure 2-14 (1.17-2), 33. Other biochemistry normal. Haematology, Red Blood Cells: 5.3 4 (5.6 -8.87). Haematocit: 29.6 (37.3 -6.17), Heamatocit: 29.6 (37.4 -6			unidentified - 1.M/A/M/A 24.1 Dose Uniformal Trial (2/11/2017- 21/11/2017)-618-618-Noblwac DHP-1.21/11/2017-62017-618-618-Noblwac LHP-1.21/11/2017-201/2017-618-618-Noblwac LHP-1.21/2017-201/2017-618-618-Noblwac LHP-1.21/2017-201/2017-618-618-00-6018-618-00-6018-618-618-618-618-618-618-618-618-618-6		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>BR> BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and distrines, no temperature, Mucous Membranes junifords. Supported with intra venous fluids, Meto-Loparamide injection and Metacam. In house Blood test showed: AP. 550 (0-160), ALT: 508 (0-100), Calcium: 28 (19-2: 7-25) (November 2-26) (7-2). To cold likelium: 1010-105), time 3:14 (11-7-9.8). Other biochemistry normal. Hearnatology Red Blood Cells: 3.34 (5-6: -8.87). Hearnatorit: 29.6 (3738.17), Hearnatorit: 29.6 (3738			unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Anima (12/11/2017- 21/11/2017)-818-Noblava C IVP- 21/11/2017)-818-Noblava C IVP- 11/A/N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-818-Noblava L 4 Suspension for injection for Dogs - 1.N/A.N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-818-08-00-00-00-00-00-00-00-00-00-00-00-00		
											Not Known, BR>BR> >BR>BR>BR> Yes, BR>BR>Pes, BR>BR>BR>BR>BR> BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e di	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes jaunderds. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (b-160), AIT: 508 (b-101), Calcium: 28 (pl 2-2 x-73), Probapeta 2-8 (60 x-2.1), rotal silluois 110-160, Jure 2-14 (1.17-2), 33. Other biochemistry normal. Haematology, Red Blood Cells: 5.3 4 (5.6 -8.87). Haematocit: 29.6 (37.3 -6.17), Heamatocit: 29.6 (37.4 -6			unidentified - 1.M/A/M/A 24.1 Dose Uniformal Trial (2/11/2017- 21/11/2017)-618-618-Noblwac DHP-1.21/11/2017-62017-618-618-Noblwac LHP-1.21/11/2017-201/2017-618-618-Noblwac LHP-1.21/2017-201/2017-618-618-Noblwac LHP-1.21/2017-201/2017-618-618-00-6018-618-00-6018-618-618-618-618-618-618-618-618-618-6		
NOBIVAC LA	GBR-MERCIMASD-2017-UK-06651	United	Animal	Canine/do _Σ	3.4 Year(s)	21/11/2017	7 08/12/2017		1 0	22/11/2017	NOT KNOWN, SBY-SBR > -SBR>-SBR-SBR-BR-SP-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR	al test result, Hyperphosphataemia, Elevate do BUN, Elevated creatinine, Elevated ALT, Elevated Otal BUN, Elevated Otal Burkobin, Elevated SAP, Decreased red blood cell Count, Decreased haemoglobin, Decreased packed cell volume (PCV), Ahorman I red blood cell, Elevated amylase, Hypokalaemia, Monocytos, Shypermatremia, Hyponatremia, Hypo	e d d	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Muccous Membranes junifords. Supported with intra venous fluids, Metoclopramide injection and Metacam. In house Blood test showed: Alp 550 (0-160), Alt 7508 (0-160), Calture 236 (19-2-175), Thorse 246 (19-2-175), Total Blood 11st (19-2-175), Thorse 256 (19-2-1	Chihushus	5	unidentified - 1.N/A.N/A. 24.1 Dose Unincom 1 Animal (2/11/2017- 21/11/2017)-BRBB-Nobiwac DHP-11/A/N/A. 24.1 Dose Not applicable 1 Animal (20/11/2017- BB-Nobiwac LHP-11/A/N/A.) 24.1 Dose Not applicable 1 Animal (20/11/2017- BB-Nobiwac LH Suspension for Injection for Dogs-1/N/A/N/A. 24.1 Dose Not applicable 1 Animal (20/11/2017- BB-Ba-modicillin / Gavdanate (human) - 1.N/A/N/A. 24.1 Dose Unicotopram idea unidentified - 1.N/A/N/A. 24.1 Dose Unicotown 1 Animal (N/A-11/2/2017)-BBBBmergratole (human) - 1.N/A/N/A. 24.1 Dose Unicotown 1.N/A/N/A. 24.1 Do	B-Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCIMISD-2017-UK-06651	United Kingdom	Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	NOT Known, -GBR KNOWN, -GBR KR>-GBR-CBR-P Yes, <gbr>-GBR-BP-Yes, <gbr>-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR</gbr></gbr>	al test result/speephosphataemia, Elevatt de BUN, Elevatdo creatinos, Elevatt de ABUN, Elevatdo creatinos, Elevatt de ABUN, Elevatdo cratinos, Elevatto AIT, Elevatdo SAI,	e di	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes jaunderds. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (b-160), ALT: 508 (b-100), Calcium: 28 (pl 2-2 x-73), Probapeta 2-8 (60 x-2.1), rotal silluois 110-160, Jure 2-14 (1,17-3,8). Other biochemistry normal. Haematology, Red Blood Cells: 5.3 4 (5.6 -8.87). Haematocit: 29.6 (37.3 -8.17), Heamatocit: 29.6 (37.4 -8.1	Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Anima (12/11/2017- 21/11/2017)-818-Noblava C IVP- 21/11/2017)-818-Noblava C IVP- 11/A/N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-818-Noblava L 4 Suspension for injection for Dogs - 1.N/A.N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017- 20/11/2017-818-08-00-00-00-00-00-00-00-00-00-00-00-00	B-Possible	
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	NOT Known, -GBR KNOWN, -GBR KR>-GBR-CBR-P Yes, <gbr>-GBR-BP-Yes, <gbr>-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR</gbr></gbr>	al test result/speephosphataemia, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated sold. Placerade skylle-precised skylle-precised sold based sold blacerade skylle-precised shaemoglobin, Decreased packed cell volume (PCV). Abnomali red blood cell, Elevated amyliase, Hypotablaemia, Monocytos, shylpematremia, Hyponatremia, Hyponatremia, Abnormal cytology oldoroaemia, Abnormal cytology. Abnormal test result, Disorder of red blood cell NOS. Stiffress	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Muczou Membranes jaundends. Supported with intra venous fluids. Metoclogramide injection and Metacam: In house Blood test showed: Alp 550 (b-160), Alt 7508 (b-160), Calcium: 28 (j) 12-2. 7.2h), Problemate 28 (p) 7-2. 11 or 10 all limbia 110 (b-15), Ures 214 (1,1-7. 9.8). Other blochemistry normal. Haematology, Red Blood Cells: 5.3.4 (5.5 - 8.87). Haematocrit: 29.6 (37.3 - 6.17), Heamatocrit: 29.6 (37.4 - 6.17), Heamatocrit: 29.	Chihuahua	5	unidestrified - 1.N/A.N/A. 2.4.1 Dose Unicova I Arian (2/11/2017) - 21/11/2017)-6RF6RF-Nobiwa C DIF- 21/11/2017)-6RF6RF-Nobiwa C DIF- 21/11/2017-6RF6RF-Nobiwa C DIF- 21/11/2017-6RF6RF0RF0RF0RF0RF0RF0RF-	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCIMISD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not Known, -CBR CBR-RER-CBR> CBR-RER-CBR> CBR-RER-CBR> R>-CBR-RER-CBR> R>-CBR-RER-CBR> R>-CBR-RER-CBR> R>-CBR-RER-CBR> R>-CBR-RER-CBR> Not Known, <br-cbr cbr-rer-cbr-rer-cbr=""> Not Known,>BR-CBR CBR-RER-CBR-RER-CBR> Not Known,>BR-CBR CBR-RER-CBR-RER-CBR> Not Known,>BR-CBR CBR-RER-CBR-R</br-cbr>	al test result/speephosphataemia, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated collaborate de Bune/sevated six-becreased haemoglobin, Decreased packed evil volume (FVI)-Abornomal red blood cell, Elevated anywajes, Hypotablaemia, Monocytos, 5, Hypermatremia, Hyponatremia, Hyponatremia, Abornomal cytology oldonoraemia, Abornomal cytology debit de Buneria, Abornomal cytology debit de Buneria,	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes junificed. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: Alp 550 (0-160), Alt 7508 (0-160), Calcium: 28 (19-2-175), Prospheric 28 (67-2-1), Total Blindhi 11:10 (1-3), Ures 214 (11-7-8). Other bloothemistry normal. Haematology; Red Blood Cells: 5.3.4 (5.6-8.87). Haematocrit: 29.6 (373-4-17), Heamatocrit: 29.6 (373-4-17), Mucous membranes more jaundiced. Availing further test results. Further information expected: Follow up 4.0 ec 20.77 (-0-73 Nov 2017). Leptospira PCR serology was registive. On 24 Nov 2017, Bloods tests showed anylase: 1774 (300-1300) solidium 131 (140-154), potassium 27.13 (3-55, M), MCV-19.8 (160-75, M), MCH 19.7 (12-72.59), monocytes: 17.5 (Col.3) and cesinophils: 12.8 (-0.08), A blood sinear showed a left shift, anisocytosis and numerous abomatina looking cells with fair fourny cytophasm and irregular cells. Trested with All Augmentin and Omeprazole. On 25 Nov 2017, Bloods showed ALMP 28 (1-200), ures a 5.17-12, and ures of 11-7-28), Trested with Ceresin. On 27 Nov 2017, bloods showed ALMP 28 (1-200), ures a 5.17-12, and ures of 11-7-28), Trested with Ceresin. On 27 Nov 2017, bloods showed ALMP 28 (1-200), ures a 5.17-12, and ures of 11-7-28), Trested with Ceresin. On 27 Nov 2017, bloods tests showed ALMP 28 (1-200), ures a 5.17-12, and 18 (1-200), and use a first of your substantial should be a substantial showed ALMP 28 (1-200), ures a 5.17-12, and 18 (1-200), and use of 11-7-12, and ures of 11-7-12, and u	Chihuahua	5	unidentified - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (2/11/2017-21/11/2017)-8RF-8RF-Nobiwac DHP-1.21/11/2017-8RF-8RF-Nobiwac DHP-1.3/A/A/A, 24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-Nobiwac L4 Suspension for Injection for Dogs-1.M/A/M, 24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-amedicillin / Clavdianate (human) - 1.M/A/M/A, 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-8RF-8RF-metoclopram (see unidentified - 1.M/A/M/A, 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-8RF-8RF-metoclopram (see unidentified - 1.M/A/M/A, 24.1 Dose Unknown 1 Animal (N/A-M/A), 24.1 Dose Unknown 1 Animal (N/A-M/A), 28.5 Ong Chewable Tablets for Opps - 250.M/A/A, 3.2.5 Ong Chewable Tablets for Opps - 250.M/A/A, 3.2.5 Ong Chewable Tablets for Opps - 250.M/A/A, 3.2.5 Ong Unknown 1 Animal (12 Month(s)) 21/11/2017	B-Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not Known, sBr~sBr~sBr~sBr~sBr~sBr~sBr~sBr~sBr~sBr~	al test result-piperphosphatemia, Elevate de BUNE, Elevated creatione, Elevate de AUX, Elevated cost all times de Cartine, Elevated AUX, Elevated total billiubin, Elevated SAP, Decreased et ele blood cell court, Decreased packed et olivater (EV), Automoral red blood cell, Elevated showd exploration, and an analysis of the control of the control of the court of the co	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and distrines, no temperature, Mucous Membranes junifords. Supported with intra venous fluids. Meto-clopramide injection and Metacam: In house Blood test showerd. AP. 550 (0-160), ALT: 558 (0-150), Calcium. 28 (19-2-175), They have a control of the 10-160 (19-2-176). They are a con	Chihuahua	5	unidestrified - 1.N/A.N/A. 2.4.1 Dose Unicova I Arian (2/11/2017) - 21/11/2017)-6RF6RF-Nobiwa C DIF- 21/11/2017)-6RF6RF-Nobiwa C DIF- 21/11/2017-6RF6RF-Nobiwa C DIF- 21/11/2017-6RF6RF0RF0RF0RF0RF0RF0RF-	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-08651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not Known, GBX-GBX KGBX-GBX KGBX KGBX KGBX KGBX KGBX KGBX KGBX K	al test result/speephosphataemia, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated creatinine, Elevate de BUNE/sevated sold. Elevated six Poecessed baterial bistrubus, Elevated six Poecessed haemoglobin, Decreased packed cell volume (FVL)/shormal red blood cell, Elevated anyalise, hypotablaemia, Monocytos, 5, hypernaterina), hyponatremia, hyponatremia, hyponatremia, Albromal cytology oldorosemia, Albromal cytology	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhosa, no emperature, Muccous Membranes junificated. Supported with intra venous fluids, Metoclopamide injection and Metacam. In house Blood test showerd. All: 9:50 (0-160), Alt: 758 (0-160), Al	Chihuahua	5	unidentified - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (2/11/2017-21/11/2017)-8R8R-Nobiwac DHP-1.21/11/2017-8R-BR-Nobiwac DHP-1.21/11/2017-8R-BR-Nobiwac DHP-1.21/AN/A, 24.1 Dose Not applicable 1 Animal (20/11/2017-8R-BR-Nobiwac L4 Suspension for Injection for Dogs-1.M/AN/A, 24.1 Dose Dose Not applicable 1 Animal (20/11/2017-8R-BR-amodicillin / clavdanate (human) - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (N/A-01/12/2017)-8R8RB-metoclopram (see unidentified - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (N/A-01/12/2017)-8RB8RB-omberazole (human) - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (N/A-N/A)-RBGRB-OMB-1.21/11/2017-8RBRB-OMB-1.21/11/2017-8RBRB-OMB-1.21/11/2017-8RBRB-OMB-1.21/11/2017-8RBRB-OMB-1.21/11/2017-8RBRB-OMB-1.21/11/2017-21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose Unknown 1 Animal (12 Monthly) 21/11/2017-8RBRB-Milbemay unidentified - 1.M/A/A/A, 24.1 Dose	B-Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not KOMMY, SBX-SBX CBB-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-V	al test result/sperphosphatemia, Elevate de BUNE/sevated creatione, Elevate de BUNE/sevated creatione, Elevate de ATE-Elevated total NT-Elevated total Distribute, Elevated SAP Decreased red blood cell court, Decreased haemoglobin. Decreased packed red blood cell, Cellowated American Special Sample and Saphanomaried blood cell, Elevated American Special Saphanomaried Special Spe	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Mucous Membranes junifords. Supported with intra venous fluids, Meto-clopramide injection and Metacam. In house Blood test showerd. AP. 550 (0-160), ALT: 508 (0-100), Calcium. 28 (19-2 - 27.9), Honghate 28 (67-21.) For chall fillium 1:10-10-15), Ures 24 (1,17-9.8). Other biochemistry normal. Hearnatology Red Blood Cells: 3.3 4 (5-6 - 8.87). Hearnatorit: 29.6 (373-6.17), Hearnatorit:	Chihuahua	5	unidentified - I.N/A.N/A. 2.4.1 Dose Uninova I Aria (IZ)11/2017- 12/11/2017-8RRBN-holwac DIP-11/N/A/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017-8R-SBN-holwac LIP-11/N/A/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017-8R-SBN-holwac La Suspension for Injection for Deg-11/N/A/A/A.2.1 Dose Not applicable 1 Animal (20/11/2017-8R-SBN-holwac Li Animal (20/11/2017-8R-SBN-metocloppam animal de unidentified - I.N/AA/A.2.4.1 Dose Uninovan I Animal (21/11/2017-8R-SBN-metocloppam animal de unidentified - I.N/AA/A.2.4.1 Dose Uninovan I Animal (21/11/2017-21/11/2017-8R-SBN-metocloppam animal (V)/A.A.2.4.1 Dose Uninovan I Animal (V)/A.A.2.4.2 Dose Uninovan I Animal (V)/A.A.2.4	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-08651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not FORMY_GBY_GBY_GBY_GBY_GBY_GBY_GBY_GBY_GBY_GB	al test result/speephosphataemia, Elevate di BUN Elevated creatinine, Elevate di BUN Elevated creatinine, Elevate di BUN Elevated creatinine, Elevate di BUN Elevated s'AUT, Elevated to MUT, Elevated s'AUT,	not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhosa, no emperature, Mucous Membranes junifords. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showerd. Alt. P 550 (b - 160), ALT: 508 (b - 101), Calcium: 28 (b) 22 - 175), Probapitate 28 (67-21). For 101 sillivaints: 101-63, Users 214; 11-75. BI, Other bloothemistry normal. Haematology: Red Blood Cells: 5.3. 4 (5.6 - 8.87). Haematocrit: 29.6 dis 23-3-61. Probapitate 28 (67-21). For 101 sillivaints: 101-63, Users 214; 11-75. BI, Creatinine 235 (b-170), Mucous membranes more jaundiced. Availing further test results. Further findramation expected, Follow up 4 Dec 2017. On 23 Nov 2017. Leptospira PCR serology was regartive. On 24 Nov 2017, Bloods tests showed a withsate 1774 (300-1300) solidium 139 (140-154), potssissism 27, 36-36, MCV-54. Bi(167-53), McH 19. 7(12.72-59), monocytest 1.75 (Co.8) and ecoinophis 1.28 (ci.0.8), A blood sinear showed a left shift, antiocytosis and numerous abomation looking cells with fast fromny; cytopasm and irregular educe; Treated with Augmentin and Omeparatole. On 25 Nov 2017, Bloods showed ALKP 28 (D-100), creation 12. Sig. (170, 170), and user old 1-7-88. Treated with fast floory; cytopasm and irregular educe; Treated with Novicotive, truther information expected. Follow up 4 Inn 2018 - On 30 Nov 2017, Blood stest showed ALKP 28 (D-200), user as 3 (170, 170-85) as 270 Group was streated with Novicotive, Turther information expected. Follow up 4 Inn 2018 - On 30 Nov 2017, Blood tests showed ALKP 28 (D-100), and 10 Group 1	Chihuahua	5	unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (2/11/2017-21/11/2017)-8RF-8RF-Nobiwac DHP-1.1/A/M/A 24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-Nobiwac LHS-1.4/M/A) (24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-Nobiwac LHS-1.4/M/A) (24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-amodicillin / Clavulanate (human) - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (M/A-01/12/2017)-8RF-8RF-metoclopram (ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (M/A-01/12/2017)-8RF-8RF-metoclopram (ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (M/A-M/A) (1.2 Dose Unknown 1 Animal (1.2 Monthic) (1.2 11/12/017-21/11/2017) (1.2 11/12/017) (1.2 1	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not	al test result, Piperphosphataemia, Elevatt de BUN Elevated creatione, Elevated ATE Elevated Coal Table Elevated Creatione, Elevated ATE Elevated Coal Table Elevated SAP Decreased to Birthuba. Elevated SAP Decreased haemoglobin. Decreased packed cell volume (EVI). Abnormal red blood cell. Elevated analysis. A physiolatemia, Monocytos Lifeyaematemia. Abnormal cytology and the elevated analysis. A physiolatemia, Monocytos Lifeyaematemia. Abnormal cytology activities and elevated analysis. Abnormal cytology activities and elevated analysis. All physiological Planta Saphanoma (epitology analysis). Planta Saphanoma (epitology a	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and distrines, no temperature, Mucous Membranes junifords. Supported with intra venous fluids, Meto-clopramide injection and Metacam. In house Blood test showed: Alp 550 (0-160), Alt 7508 (0-150), Calcium: 28 (19-2-7.8), Other blood test showed: Alp 550 (0-160), Alt 7508 (Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unicoma 1 Anima (2/11/2017-21/11/2017)-eRFRB-Noblava C INF- 11/A/N/A. 2.4.1 Dose Not applicable 1 Animal (20/11/2017-BRRB-Noblava C INF- 11/A/N/A.) (2.4.1 Dose Not applicable 1 Animal (20/11/2017-BRRB-Noblava C III Suspension for Injection for Dogs- 1/A/N/A/A.2.1 Dose Not applicable 1 Animal (20/11/2017-BRRBmenicable) (20/11/2017-BRBBmenicable) (20/11/2017-BRBBmenicable) (20/11/2017-BRBBmenicable) (21/21/2017-BRBBmenicable) (21/21/2017-BRBBBBBBBBBBBBBBBBBB	B - Possible	involvement is possible. Two vaccines given
NOBIVAC LA	GBR-MERCKMSD-2017-UK-08651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated s'AUT, Elevated to ML Elevated s'AUT, El	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhosa, no emperature, Mucous Membranes junifords. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: Alp: 550 (0-160), Alr. 758 (0-150), Calcium: 28 (19-2 - 7.57), Proliferable 28 (67-2-1), Irol allifluids: 110-160, July 18-17-758 (0-150), Alr. 758 (0	Chihuahua	5	unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (2/11/2017-21/11/2017)-8RP8RB-Nobiwac DHP-1.1/A/N/A/A 24.1 Dose Not applicable 1 Animal (20/11/2017-8RB-Nobiwac DHP-1.4/A/M/A) (24.1 Dose Not applicable 1 Animal (20/11/2017-8RB-SHB-Nobiwac L4 Suspension for Injection for Dogs-1.4/A/M/A 24.1 Dose Not applicable 1 Animal (20/11/2017-8RB-SHB-amodicillin / clavulanate (human) - 1.9/A/M/A 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-6RB8RB-metoclopram (ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (12/11/2017)-8RB8RB-metoclopram (ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (12/11/2017)-8RB8RB-metoclopram (ide unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (12/11/2017)-8RB8RB-metoclopram (identified - 1.M/A/M/A 24.2 Dose Unknown 1 Animal (12/11/2017-12/11/2017)-8RB8RB-Milbemax unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (12/11/2017-12/11/2017)-8RB8RB-Milbemax unidentified - 1.M/A/M/A 24.1 Dose Unknown 1 Animal (12/11/2017-14/11/A/A).23.1 ml 1 Animal (12/11/2017-14/11/A/A).23.1 ml 1 Animal (21/11/2017-14/11/A).21.1 ml 2 Animal (21/11/2017-14/11/A).21.1 ml 3 Animal (21/11/20	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Arimai	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	3	1 0	22/11/2017	Not	al test result, Pyperphosphataemia, Elevatt de BUNE Elevated creatione, Elevated ATE Elevated Coal Table Elevated Creatione, Elevated ATE Elevated Coal Table Elevated SAP Decreased to Bindhush Elevated SAP Decreased haemoglobin. Decreased packed coal volume (PCV). Abnomati red blood cell. Elevated annalysis. Hypotatherial, Mynocytos SAP Decreased Packed Pac	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Mucous Membranes junifords. Supported with intra venous fluids, Meto-clopramide injection and Metacam. In house Blood test showed: AIP. 550 (6-160), ALT: 568 (6-101), Calcium: 28 (19-2 - 7.5), Morphate 2-86 (67-2.1), Total Blindoh: 110-105, Lives 24 (11-7-8). Other biochemistry normal. Hearnatology, Red Blood Cells: 5.3.4 (5.6-8.87). Hearnatocit: 29.6 (373-4.17), Hearnatocit: 29.6 (373-4.17), Hearnatocit: 29.6 (373-4.17), Microsci membranes more jaunided. Availing further test results. Further information espected: Follow up 4.0 E. 2017. O-20.1 Nov 2017. Legtospira PCR serology was registive. On 24 Nov 2017, Bloods tests showed amylass 1774 (300-1300) souldnin 193 (140-154), placissium 37 (145-56), MCV 3-48.6 (150-75.3), MCH 19.7 (127-25.9), mornocytes 1.75 (-0.8) and ecinion/pils 1.28 (-0.08), A Blood sinear showed a left shift, artisocytosis and control of the control	Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (2/11/2017-21/11/2017)-eBRBB-Noblava C INF- 11/A/N/A. 2.4.1 Dose Not a pplicable 1 Animal (20/11/2017-BB-SB-Noblava C INF- 11/A/N/A.) (2.4.1 Dose Not a pplicable 1 Animal (20/11/2017-BB-SB-Noblava C Infection for Dogs-1/A/N/A.) (2.4.1 Dose Not a pplicable 1 Animal (20/11/2017-BB-SB-B-B-B-modicilin / Clavidanate (purman) - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (20/11/2017-BB-SB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-BB-	B - Possible	involvement is possible. Two vaccines given
NOBIVAC LA	GBR-MERCKMSD-2017-UK-08651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	3	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhosa, no emperature, Muccous Membranes junifords. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: Alp: 550 (0-160), Alt. 750 (0-160), Alt.	Chihuahua	5	unidentified - 1.M/AN/A, 24.1 Dose Unknown 1 Animal (2/11/2017-21/11/2017)-8RF-8RF-Nobiwac DHP-1.1/A/N/A, 24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-Nobiwac DHP-1.4/A/N/A, 24.1 Dose Not applicable 1 Animal (20/11/2017-8RF-8RF-Nobiwac L4 Suspension for Injection for Dogs-1.4/A/N/A, 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-8RF-8RF-amedicillin / clavulanate (human) - 1.M/A/N/A, 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-8RF-8RF-metroclopram (ide unidentified - 1.M/A/N/A, 24.1 Dose Unknown 1 Animal (N/A-0.1/21/2017)-8RF-8RF-metroclopram (ide unidentified - 1.M/A/N/A, 24.1 Dose Unknown 1 Animal (N/A-N/A, 24.2 Dose Unknown 1 Animal (1.2 Monthic) 21/11/2017-8RF-8RF-Miblemax unidentified - 1.M/A/N/A, 24.2 Dose Unknown 1 Animal (2.2 Monthic) 21/11/2017-8RF-8RF-Miblemax unidentified - 1.M/A/N/A, 24.2 Dose Unknown 1 Animal (N/A-N/A, 88-SRF-Nbobiwac CHF - 1.M/A/A, 24.1 Dose Unknown 1 Animal (N/A-N/A, 88-SRF-Nbobiwac CHF - 1.M/A/A, 24.1 In animal 21/11/2017)-8RF-8RF-Nbobiwac L4-Suppension for Inpiction for Dogs-	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCIMSO-2017-UK-06651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result, Pyperphosphataemia, Elevatt de BUNE Elevated creatione, Elevated ATE Elevated Coal Table Elevated Creatione, Elevated ATE Elevated Coal Table Elevated SAP Decreased to Bindhush Elevated SAP Decreased haemoglobin. Decreased packed coal volume (PCV). Abnomati red blood cell. Elevated annalysis. Hypotatherial, Mynocytos SAP Decreased Packed Pac	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Muccous Membranes junifords. Supported with intra venous fluids, Meto-clopramide injection and Metacam: In house Blood test showed: AIP 550 (6-160), ALT 550 (7-160), ALT 550 (1-160),	Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (2/11/2017-21/11/2017)-BRBB-Nobiwac DHP-1.1/A/N/A. 2.4.1 Dose Not a ppickable 1 Animal (20/11/2017-BB-SB-Nobiwac DHP-1.N/A.N/A.2.4.1 Dose Not a ppickable 1 Animal (20/11/2017-BB-SB-Nobiwac L4 Suspension for injection for Dogs-1.N/A.N/A.2.1 Dose Not appickable 1 Animal (20/11/2017-BB-CBB-amodicillin / clavdiante (purman) - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (NA-2.1 NA-2.1 NA-2.2 Dose Unincom 1 Animal (NA-2.2 Dose Unincom 1 Animal (12 Monthle) 1.1/1/1/2017-1/2	B – Possible	involvement is possible. Two vaccines given
NOBIVAC LA	GBR-MERCKMSD-2017-UK-06651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	3	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhosa, no emperature, Muccous Membranes justiced. Supported with intra venous fluids. Metoclopramide injection and Metacam: In house Blood test showed: Alp: 550 (0-160), Alt. 750 (0-160), Alt. 7	Chihushua	5	unidestrified - 1.N/A.N/A. 2.4.1 Dose Unicova I Arian (2/11/2017-21/11/2017)-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-Nobiwa C DIP-1.21/11/2017-6RR6R8-methoclopromid tie unidentified - 1.N/A.N/A. 2.4.1 Dose Unicova I Ariania (N/A-01/2017-6RR6R8-methoclopromid tie unidentified - 1.N/A.N/A. 2.4.1 Dose Unicova I Ariania (21/11/2017-6RR6RR-) methoclopromid tie unidentified - 1.N/A.N/A. 2.4.1 Dose Unicova I Ariania (N/A-N/A-6RR6RR-) methoclopromid (N/A-N/A-6RR6RR-N-Ma) (N/A-RR6RR6RRMR6RR6RRMR6RR6RRMR6RR6RRMR6RR6RRMR6RR6RRMR	B-Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCIMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no temperature, Muccous Membranes junifords. Supported with intra venous fluids, Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (6-160), ALT 550 (7-160), ALT 550 (1-160), A	Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (2/11/2017-21/11/2017)-BRBB-Nobiwac DHP-1.1/A/N/A. 2.4.1 Dose Not a pplicable 1 Animal (20/11/2017-BBBB-Nobiwac DHP-1.N/A.N/A. 2.4.1 Dose Not a pplicable 1 Animal (20/11/2017-BBBB-Nobiwac La Suspension for Injection for Dogs-1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (N-2.1) Animal (20/11/2017-BBBB-amodicillin / clavdianate (human) - 1.N/A.N/A. 2.4.1 Dose Unincom 1 Animal (N-2.1) Dose Unincom 1 Animal (1.2) Monthis) 21/11/2017-BB-SB-DMIBlemans (1.2) Monthis (1.2) Dose Unincom 1 Animal (1.2) Dose Unincom 1 Animal (1.2) Monthis (1.2) Dose Unincom 1 Animal (1.2) Monthis (1.2) Dose Unincom 1 Animal (1.2) Dose Unincom 1 Animal (1.2) Monthis (1.2) Dose Unincom 1 Animal (1.2) Dose Uni	B - Possible	involvement is possible. Two vaccines given
NOBIVAC LA	GBR-MERCKMSD-2017-UK-06651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Mucous Membranes jaundiced. Supported with intra venous fluids. Meto-cloparamide injection and Metacam: In house Blood test showerd. 42th 550 (0-160), ALT 508 (0-160), Calcium. 28 (19-2-175), Househat 26 (0-7-12). In coll silicular 110-105, Herea 150-17-09. B). Other biochemistry normal. Haematology Red Blood Cells: 3.34 (5-5-887). Haematocrit: 29.6 (373-16.7), Haematocrit: 29.6 (373	Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unicovan 1 Animal (2/11/2017-21/11/2017)-ERRBIS-Nobiwa C DIP-1./N/A.N/A. 2.4.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C DIP-1./N/A.N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C L Suspension for injection for Dog-1.N/A.N/A.2.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C L Suspension for injection for Dog-1.N/A.N/A.2.4.1 Dose Unicovan 1.1 Animal (20/11/2017-BIS-BIS-methoclapma (21/11/2017-BIS-BIS-methoclapma (21/11/2017-BIS-BIS-BIS-Domeprazole (buman) - 1.N/A.N/A.2.4.1 Dose Unicovan 1. Animal (21/11/2017-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS	B-Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCIMSD-2017-UK-06651		Animal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0 0 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no emperature, Muccous Membranes junifords. Supported with intra venous fluids, Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (6-160), ALT 550 (7-160), ALT 550 (1-160), AL	Chihuahua	5	unidentified - 1,N/A,N/A, 24,1 Dose Unincom 1 Animal (2/11/2017-21/11/2017)-BRBR-Noblava C 19F-11/A/N/A, 24,1 Dose Not a ppickable 1 Animal (20/11/2017-BR-BR-Noblava C 19F-11/A/N/A, 24,1 Dose Not a ppickable 1 Animal (20/11/2017-BR-BR-Noblava C 14 Suspension for injection for Dogs-1,N/A/N/A, 24,1 Dose Unincom 1 Animal (N/A-01/2)/2017/BRBRmetoclopram (available 1 Animal (20/11/2017-BRBRmetoclopram (available 1 Animal (20/11/2017-BRBRBRmetoclopram (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRNoblava L 4 Suspension for Injection for Dogs-13/A/N/A) (available 2 Alina) (available 2 Alina) (available 2 Alina) (available 3 Alina) (available 4 Animal (available 4 Anima)	B-Possible	involvement is possible. Two vaccines given
NOBIVAC LA	GBR-MERCKMSD-2017-UK-08651		Arimal	Canine/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	3	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarrhose, no temperature, Mucous Membranes jaundiced. Supported with intra venous fluids. Meto-clopramide injection and Metacam: In house Blood test showed: AIP. 550 (0-160), ALT: 508 (0-160), Calcium: 28 (19-2 x-179), Phosphate 2-38 (0-7-21), Total Blindbin 110-1005, Herea 31ct, 17-38.) Other biochemistry normal. Haematology Red Blood Cells: 3.34 (5-5 -8.87), Haematocrit: 29.6 (373-4.15), Haematocrit: 29.6 (Chihuahua	5	unidentified - 1.N/A.N/A. 2.4.1 Dose Unicovan 1 Animal (2/11/2017-21/11/2017)-ERRBIS-Nobiwa C DIP-1./N/A.N/A. 2.4.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C DIP-1./N/A.N/A.2.4.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C L Suspension for injection for Dog-1.N/A.N/A.2.1 Dose Not applicable 1 Animal (20/11/2017-ERR-BIS-Nobiwa C L Suspension for injection for Dog-1.N/A.N/A.2.4.1 Dose Unicovan 1.1 Animal (20/11/2017-BIS-BIS-methoclapma (21/11/2017-BIS-BIS-methoclapma (21/11/2017-BIS-BIS-BIS-Domeprazole (buman) - 1.N/A.N/A.2.4.1 Dose Unicovan 1. Animal (21/11/2017-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS-BIS	B - Possible	involvement is possible. Two vaccines given
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06651		Animal	Canine)/dog	3.4 Year(s)	21/11/2017	7 08/12/2017	1	1 0	22/11/2017	Not EMONITY, GRIT-CRR VERTILE TO THE	al test result/speephosphataemia, Elevate di BUN Elevated crastinine, Elevate di BUN Elevated crastinine, Elevate di RUN Elevated colla MAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Elevated SAT, Decreased in Bern de Bodo cell colla Decreased packed elevated same, speed bodo cell collevated amysics. Hypotabemia, Monocytos 5, Hypernatrenia, Hyponatremia, Hyponatremia, Alboromal cytology oldonomia. Alboromal c	Not	examination. On the night of the 21st November 2017 the dog was admitted to the vets with vomiting and diarhose, no emperature, Muccous Membranes junifords. Supported with intra venous fluids, Metoclopramide injection and Metacam: In house Blood test showed: AIP 550 (6-160), ALT 550 (7-160), ALT 550 (1-160), AL	Chihuahua	5	unidentified - 1,N/A,N/A, 24,1 Dose Unincom 1 Animal (2/11/2017-21/11/2017)-BRBR-Noblava C 19F-11/A/N/A, 24,1 Dose Not a ppickable 1 Animal (20/11/2017-BR-BR-Noblava C 19F-11/A/N/A, 24,1 Dose Not a ppickable 1 Animal (20/11/2017-BR-BR-Noblava C 14 Suspension for injection for Dogs-1,N/A/N/A, 24,1 Dose Unincom 1 Animal (N/A-01/2)/2017/BRBRmetoclopram (available 1 Animal (20/11/2017-BRBRmetoclopram (available 1 Animal (20/11/2017-BRBRBRmetoclopram (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRMillemax) (available 1 Animal (20/11/2017-BRBRNoblava L 4 Suspension for Injection for Dogs-13/A/N/A) (available 2 Alina) (available 2 Alina) (available 2 Alina) (available 3 Alina) (available 4 Animal (available 4 Anima)	B - Possible	involvement is possible. Two vaccines given

	GBR-MERCKMSD-2017-UK-06688	United Kingdom	Animal	Canine/dog	2 Month(s)	20/11/2017	24/11/2017 24/11/2017	6 1	1	21/11/2017	Yes, ### Yes, ### Yes, ### Yes, 	Leucocytosis, Lymphocytosis, Tachy cardia, Pale mucous membrane, Distension of abdomen, Death by uchanasia, Lethangy (see also Central nervous system depression in Neurological 7) Abhornmal test result, Hyposibuminaemia, Hypergly campa, Glucosaria, Proteiniral, Jance ased urine concentration, Discoloured urine, Hypoproteinsemia, Hyperphos phataemia, Elevander d.T. Elevated bite acids, Elevated total biturbia, file-arted A.P. Decreased red blood cell court, Billindhimita, Enlarged kidney (s), Decreased cheisterol (total), Monocytosis, Reduced globulins Neutropenia, Lymphaenopathy, Joi Neutropenia, Lymphaenopathy, Joi Neutro	No Data	Serious Suspected adverse reaction following the use of Nobivac Lepto 4 & DHP reported on 24th November 2017. At zenoth oil, female, Husky weighing 1.8 ligw say accurated with Nobivac DHP and Lepto 4 on 20th November 17. Clinically well on vaccination. Slight overfibe noticed. The dog was vaccinated alongside 5 stallings. 24 hours post vaccination, the pupp started passing furgit or range until and was lethnique. On the 23th Ovember 2017, veletant price participation in the pupp started passing furgit or range until and was lethnique, On the 23th Ovember 2017, veletant passing size plant processing significant and processing size of the processing size of th	Siberian Husky	7.6	Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (20/11/2017; 20/11/2017)-8RPBR-Nobivac LT 20/11/2017/9-BRBR-Nobivac LT 20/11/2017/9-BRBR-Nobivac LT 20/11/2017/9-BRBR-DR-DR-DR-DR-DR-DR-DR-DR-DR-DR-DR-DR-DR	O1 - Inconclusive	NCA agrees with MAH assessment. Product involvement inclinical signs of this case are
		Kingdom									×SR×GR>-dBP-dBP-dBF-NNOt Known, GBP-dBF-dBF-dBF-dBF-dBF-dBF-dBF-dBF-dBF-dBF	nt paint.Ataxia.Parting.Death by euthansia.Anoresii.Ahalise.Py		12. A 7 year 5 month old, Female neutered, Cavalier Fing Charles Spaniel, weighing 7.5 K Chai been vaccinated annually with holiva vaccines since 2010. Nobbox Lef 1rtis given on 13th October 2013 and 10th November 2015, then the 6th October 2016. history of ongoing anal gland problems and pain on being picked up started on 16th judy 2012. 9th September 2015, the dog had and explaned and policy of the control of the properties of the propert	Charles Spaniel		NA,NA,NA, 24,Unknown Unknown Unknown-RB-17/10/17- treatment start date (N/A- 01/0/2017-88-RB-Mesheara undeenfilder - 35,N/A,N/A, 10,0,35 nf Not applicable 1 Animal-RB-16/10/17- treatment start date (N/A- 16/10/2017)-BR-BR-Noblvac DIP- 13/(N/A),A,2,1 bose Not applicable 13/(N/A),A,3,4 bose Not ap		unexpected but cannot be fully discounted.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06733	United . Kingdom	Animal	Canine/dog	4 Month(s)	21/11/2017	27/11/2017	1 1	o :	22/11/2017	Yes, <er>>Yes</er>	Tachycardis, Pale mucous membrane, Diarrhoea, Emesis, Letha rgy (see also Central nervous system depression in Neurological"), Dry mucous membrane, Decreased packed cell volume (PCV)	No Data	Suspected adverse reaction following the use of Nobiusc DHP & 14 reported on 27th November 17. A nomb rule, female entire, Jack Russil Ferrite, weighing 3.8 gave age her its first vaccination of Nobiusc DHP and 14 on 23rd October 2017. The dog was clinically weil at the time of vaccination. The puppy had a suspected reaction reported in case 2017. Unc 6273. On the 21st November 2017. Her puppy was given a second vaccination of Nobiusc DHP/14 and was clinically weil at time of vaccination. On the 22nd November 2017, the puppy strated vomiting, was fit and had dardnoea. Examination - Heart Rate 184 per minute, temperature rormal, rincous membranes quite pale and by sloud det and x rys were done. Area were all normal. Sloud test aboved - PV 364 everything elso floor det and x rys were done. Area were all normal. Sloud test aboved - PV 364 everything elso November 17, the puppy responded well to the IVFT and was discharged home. No further information execution.	Jack Russell Terrier	3.8	Nobiwac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (21/11/2017- 21/11/2017-BR- Nobiwac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (21/11/2017- 21/11/2017)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06742	United Kingdom	Animal	Canine/dog	10 Year(s)	12/12/2016	12/12/2017	1 1	0 :	21/11/2017	Not Known, CBR-CBR > <br-sbr-br-sbr-sbr- Not Known, CBR-SBR ><br-sbr-sbr-br- FE, CBR-SBR-SBR-BR-SBR-SBR-SBR-SBR-SBR-SBR-SB</br-sbr-sbr-br- </br-sbr-br-sbr-sbr- 	Lymphopenia, Neutropenia, Polydgo is, Depression, Lack of of all, Depression, Lack of of efficacy, Hypopalbumina emia, Protein uria, Haematuria, Hypophosphata emia, Elevated B UN, Elevated mia, Elevated all, Depression of Iroding, Elevated amyses, Phypopatremia, Polycythae mia, Hypochioraemia	No Data	Supercised lisk of expected efficacy following the use of Nobines 1.4 reported on 77th November 2017. A 10 year 4 month of carine (for Interfed estalis known) was first vaccinated with Nobine 1.4 and 31 XC 10 X	Other Canine/dog	Not Known	Bravecto 500 ng Chewable Tablets for Dogs - 500,N/N/A, 3,500 ng Unknown 1 Animal (12/12/2016-12/12/1016-12/12/1016-12/12/1016-12/12/12/1016-12/12/12/1016-12/12/12/1016-12/12/12/1016-12/12/12/12/1016-12/12/12/12/1016-12/12/12/12/1016-12/12/12/12/12/12/12/12/12/12/12/12/12/1	O1 - Inconclusive	Awaiting MAT results however positive PCR confirms Leptospary infection but not servour - lack of efficacy is inconclusive SLEE ABON O1
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06751	United Kingdom	Animal	Canine/dog	15 Year(s)		28/11/2017	1 1	1 (01/07/2017	Yes, <k R> >Yes</k 	Diarrhoea,Death,Breathing difficulty	No Data	Sispected Adverse Reaction On the 3 July 2017, the dog was clinically well and was vascinated with Nobiosci L4 and Nobiosc KC. Approximately 20 days later (exact date unknown), the owner reported that the dog had ded a cutely; the dog had mild darribea and treathing difficulties prior to his death (unknown for how long) but was not seen by the vet. Post mortem examination was not carried out. No more information expected.	Crossbred	Not Known	Nobivac KC - 1,N/AN/A,10,1 ml Unknown 1 Animal-cBR-03/07/17- treatment start date (N/A- 30/07/2017)-BBN-SBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A,10,1 ml Unknown 1 Animal-cBR-03/07/17- treatment start date (N/A- 03/07/2017)-BBN-CBR>	O - Unclassifiable/unassessa ble	insufficient information to assess causality

NOBIVAC LA	GBR-MERCIOMSD-2017-UK-06786	United Kingdom	Animal	Canine/dog	2 Month(s)	22/11/2017	15/01/2018	1 1	1 23/11/2	R> <br< td=""><td>Central nervous system depression in Neurological Posming at the mouth. Mall formation NGS-flevarl effusion, Behavioural disorder NGS, Vocalisation, Blood and lymphatic system disorder NGS, Spleen and reticulo-endorhelial system disorder NGS, Encephallis, Meningitis, Seizun, NGS, Tonic-Coinci szizure, Pulmonary disorder NGS, Brain disorder NGS,</td><td>No Data</td><td>Serious Suspected Advense Resiction following the use of Noblava DIPF / Li reported on 29th November 17. A commto hig. female series, Chihaba, we spinging 1.048 years given a primary vaccination of Noblavac DIPF and Noblavac L4 on 22nd November 17. Chincilarly well at the time of vaccination. 23nd November 18 and the Serious November 19 was reported to the 21nd November 17 when the Serious November 17 when the content of the 25th November 17 when the 25th November 17 when the 25th November 17 when the 25th November 18 when 18 wh</td><td>Chihuahua</td><td>1.2</td><td>Nebbac DHP - 1.N/A.N/A, 241 Doze Not applicable 1.Aimlal (22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 28-2-28-2-28-2-28-2-28-2-28-2-28-2-28</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<>	Central nervous system depression in Neurological Posming at the mouth. Mall formation NGS-flevarl effusion, Behavioural disorder NGS, Vocalisation, Blood and lymphatic system disorder NGS, Spleen and reticulo-endorhelial system disorder NGS, Encephallis, Meningitis, Seizun, NGS, Tonic-Coinci szizure, Pulmonary disorder NGS, Brain disorder NGS,	No Data	Serious Suspected Advense Resiction following the use of Noblava DIPF / Li reported on 29th November 17. A commto hig. female series, Chihaba, we spinging 1.048 years given a primary vaccination of Noblavac DIPF and Noblavac L4 on 22nd November 17. Chincilarly well at the time of vaccination. 23nd November 18 and the Serious November 19 was reported to the 21nd November 17 when the Serious November 17 when the content of the 25th November 17 when the 25th November 17 when the 25th November 17 when the 25th November 18 when 18 wh	Chihuahua	1.2	Nebbac DHP - 1.N/A.N/A, 241 Doze Not applicable 1.Aimlal (22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 22/11/2017- 28-2-28-2-28-2-28-2-28-2-28-2-28-2-28	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06865	United Kingdom	Animal	Canine/dog	11 Year(s)	10/10/2017	04/12/2017	1 1	0 21/10/2	017 Yes, <bi R> <br< td=""><td>><b diarrhoea,="" haemorrhagic<br="">Yes gastroenteritis, Vomiting, Elevated SAP, Increased packed cell volume (PCV)</td><td>No Data</td><td>Suspected Adverse Reaction On 10 Oct 2017 dog was vaccinated with Nobivac LNP and Nobivac L4 and was reported as clinically well at the time of vaccination. On 21 Oct 2017 vet reported womiting and diarnhora. Treated with intravenous fluids, metromisacion and Cerenia. Vet reported blood tests showed an increased ALPS and an elevated HCT (no values given). Vet diagnosed haemor/raigic gastroententies. On 24 Oct 2017 dog was reported as Joding well. No further information expected no owner has another dog which has had a similar reaction after vaccination with Nobivac DHP and Nobivac L4. Please see linked case 2017-UF-065867.</td><td>Shih Tzu</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/10/2017- 10/10/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/10/2017- 10/10/2017-BR> </td><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment</td></br<></bi 	> <b diarrhoea,="" haemorrhagic<br="">Yes gastroenteritis, Vomiting, Elevated SAP, Increased packed cell volume (PCV)	No Data	Suspected Adverse Reaction On 10 Oct 2017 dog was vaccinated with Nobivac LNP and Nobivac L4 and was reported as clinically well at the time of vaccination. On 21 Oct 2017 vet reported womiting and diarnhora. Treated with intravenous fluids, metromisacion and Cerenia. Vet reported blood tests showed an increased ALPS and an elevated HCT (no values given). Vet diagnosed haemor/raigic gastroententies. On 24 Oct 2017 dog was reported as Joding well. No further information expected no owner has another dog which has had a similar reaction after vaccination with Nobivac DHP and Nobivac L4. Please see linked case 2017-UF-065867.	Shih Tzu	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/10/2017- 10/10/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/10/2017- 10/10/2017-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIONSD-2017-UK-06867	United Kingdom	Animal	Canine/dog	7 Year(s)	10/10/2017	04/12/2017	1 1	1 26/10/2	017 Not Known, <br: > - Yes, -SB: R>-BR><br: SBR>- BR>- BR>- Known</br: </br: 	BR> > <b Yes,</b 	No Data	Supercted Adverse Reaction on 10 Oct 2017 day was vaccinated with Noblwac DHP and Noblwac L4 and was reported as clinically well at the time of vaccination, 0.78 GCt 2017 ver reported vonting and diarrhorea. Treated with intravenous fluids, Cerenia and Metronidazole. On 29 Oct 2017, day was diagnosed with an intrassusception and undervent surgical tratement of this tax a referral centre (idetails not given). On 30 Oct 2017, day developed peritonitis as a secondary complication of the surgery and ided. No post mortem performed. No further information expected. The owner has another dag which has had a similar reaction after vaccination with Noblvac DHP and Noblwac L4. Please see linked case 2017-UK-05865.	Shih Tzu	Not Known	Cerenia unidentified - 1,1/A,N/A 24,1 Dose Univoron 1 Animal (26/10/2017- 26/1	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06881	United Kingdom	Animal	Canine/dog	5.1 Year(s)	30/10/2017	05/12/2017	1 1	0 02/11/2		> <b meningitis,falling,unable="" to<br="">Not stand,Ataxia,Stumbling gait,Not eating	Not Known	Superted Adverse Reaction on 30 Oct 2017, dog succinated with Noblace DHP and Noblace L4, chirclally well at time of vaccination other than showing aggressive signs. On 2 Nov 2017, dog presented stumbling, not eating, aggressive, unable to stand and showing neurological signs (falling to one side and attack). The owners were unable to afford a referral and instead sent to a Charity practic who have diagnosed Granulomatous Meningits and started steroid treatment and Tramadol. Unknow if confirmed diagnosis. No further information expected.	Maltese e n	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (30/10/2017- 30/10/2017)×BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (30/10/2017-30/10/2017) 	O1 - Inconclusive	NCA disagrees with MAH assessment - limited information supplied however product involvement cannot be discounted.
NOBIVAC L4	GBR-MERCIMASD-2017-UK-06891	United Kingdom	Anienal	Canine/dog	8 Year(s)	12/12/2016	05/12/2017	1 1	0 17/01/2	Known, > >< Yes, > <b< td=""><td>BB- bladder & Bile duct disorder - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effects, Muscle - Rose, Muscle - Rose, Muscle - NOS, Collapse of leg Increased - NOS, Collapse of l</td><td>No Data II a, a, t,</td><td>Supperted adverse reaction following the use of Nobiac Lepto a and Nobiac DIP reported on Sti December 2017. A mail enettered, 8 years of West Highlind White Territe, vegling 7-518 was vaccinated with Nobiac Lepto 4 and DHP on 148h November 2015 and a second vaccination of Nobiac Lepto 1 and 12th December 2017. Previously land Carlingen Lepto 2 vaccines. Weight loss first noticed prior to vaccination on 14th November 2016. 17th Inamary 2017 - the dog was boing weight, poor appetite, polydisc, polynic, intermittent vomiting, soft yield value sets but regist, Blood Classoc 4. Immol/, Weight - 7-734g, Blood test results showed Art - > 1000 will (13 - 78), AUP - > 1183 will (12 - 8), AUP - > 1818 will (12 - 8), AUP - > 1818 will (12 - 13), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 13), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 120), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 13), Blood test showed persistent ber enzyme elevations, AUP - 1818 will (12 - 13), AUP - > 1818 will (12 - 13), Blood test showed persistent liver enzyme elevations (ALT 1155 will, ref. 10 - 1818 AUP 1379 will, ref. 10 - 150), Consistent with significant hepatocellarly dramage but the cause is yet unclear. Intrahaps showed to specific gravity (1.07) and 1 - glucose. Addominal ultrasonography showed hypochoic hepatic plaided will was surremarkable. Also concurrent colls if - retertistic/filammatory bowel disease. I retertistic filammatory bowel disease. I retertist with mark of the chamarina 2579 of a 148h, Debtott 150 will be marked by sprince you have a proper showed with the chamarina 2579 of a 148h, Debtott 150 will, hyphocybic and plaimancy; the hepatic with marked chamarina 2579 of a 148h, Debtott 150 will be marked by sprince you have a year of the plain and the sprince year of the will be will be a showed by proper showed the plain and the sprince year of the year of the plain and the year of /td><td>West Highland White Terrier</td><td>7.5</td><td>Cerenia 24 mg Tablets for Dogs- 12.1, 10 ps;3, 31 zg 15 bys 1 Animal, Treatment Start Date 19/01/17 (N/A- N/A)-RBGR-NOMBO CDIP - 1.3/N/AN/A.24.1 Dose Not a pplicable 1.3/N/AN/A.24.1 Dose Not a pplicable 1.3/N/A.24.1 Dose Not Animal 1.3/N/A.24.1 Dose Not Animal 1.3/N/A.24.2 Dose Not Animal 1.3/</td><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment.</td></b<>	BB- bladder & Bile duct disorder - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - NOS/Heapt Efforcis/Hepatic - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effecs, Muscle - Beresser Effects, Muscle - Rose, Muscle - Rose, Muscle - NOS, Collapse of leg Increased - NOS, Collapse of l	No Data II a, a, t,	Supperted adverse reaction following the use of Nobiac Lepto a and Nobiac DIP reported on Sti December 2017. A mail enettered, 8 years of West Highlind White Territe, vegling 7-518 was vaccinated with Nobiac Lepto 4 and DHP on 148h November 2015 and a second vaccination of Nobiac Lepto 1 and 12th December 2017. Previously land Carlingen Lepto 2 vaccines. Weight loss first noticed prior to vaccination on 14th November 2016. 17th Inamary 2017 - the dog was boing weight, poor appetite, polydisc, polynic, intermittent vomiting, soft yield value sets but regist, Blood Classoc 4. Immol/, Weight - 7-734g, Blood test results showed Art - > 1000 will (13 - 78), AUP - > 1183 will (12 - 8), AUP - > 1818 will (12 - 8), AUP - > 1818 will (12 - 13), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 13), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 120), Blood test showed Art - > 1000 will (13 - 78), AUP - > 1818 will (12 - 13), Blood test showed persistent ber enzyme elevations, AUP - 1818 will (12 - 13), AUP - > 1818 will (12 - 13), Blood test showed persistent liver enzyme elevations (ALT 1155 will, ref. 10 - 1818 AUP 1379 will, ref. 10 - 150), Consistent with significant hepatocellarly dramage but the cause is yet unclear. Intrahaps showed to specific gravity (1.07) and 1 - glucose. Addominal ultrasonography showed hypochoic hepatic plaided will was surremarkable. Also concurrent colls if - retertistic/filammatory bowel disease. I retertistic filammatory bowel disease. I retertist with mark of the chamarina 2579 of a 148h, Debtott 150 will be marked by sprince you have a proper showed with the chamarina 2579 of a 148h, Debtott 150 will, hyphocybic and plaimancy; the hepatic with marked chamarina 2579 of a 148h, Debtott 150 will be marked by sprince you have a year of the plain and the sprince year of the will be will be a showed by proper showed the plain and the sprince year of the year of the plain and the year of	West Highland White Terrier	7.5	Cerenia 24 mg Tablets for Dogs- 12.1, 10 ps;3, 31 zg 15 bys 1 Animal, Treatment Start Date 19/01/17 (N/A- N/A)-RBGR-NOMBO CDIP - 1.3/N/AN/A.24.1 Dose Not a pplicable 1.3/N/AN/A.24.1 Dose Not a pplicable 1.3/N/A.24.1 Dose Not Animal 1.3/N/A.24.1 Dose Not Animal 1.3/N/A.24.2 Dose Not Animal 1.3/	O1 - Inconclusive	NCA agrees with MAH assessment.

NOBIVAC L4	GBR-MERCXXXSD-2017-UK-06921	United Kingdom	Arimal	Canine/dog	12.4 Year(s)	16/08/2017	06/12/2017	1	1 1	17/08/2017	Not Known, GBX-GBX- Known, GBX- Known, GB	Heart murmur, Diarrhoea, Yomiting, Death by euthanasia, Weight loss, Loss of condition score, Not eating	Not Known	Suspected Adverse Reaction in May 2017, dog vomited once with a green tinged womit and then again in un and Jul later the same colour. Owner reports the treat given was green. On 7ail 2017, presente as was quiet that morning, On examination heart rate 100 with a heart rummur and was licking lips. Given Cerea in jetting on a Rantifled. On 16 Aug 2017, dog vocinated with Nobiwa CHP and Nobiwa CL 4. On 17 Aug 2017, dog developed disurhose and vomitting and was presented well in herself Given Omerpaole, Protolion and Cerento, On 12 CH2 2017, not esting with Occasionally vomiting and disurhose; given Clavsseptin and Rantidine. On 13 Nov 2017, examination some weight loss, continued disurhose but improved otherwise and given Clavsseptin, ratival and Plancuci or 15 Nov 2017, deed derier lording and lot sweight and parasits negative on faceal samples. Heart murmur increased in convent decided mether investigations, in 0.2 Nov 2017, on 10 Nov 2017, on 1	Jack Russell d Terrier	5.7	Amont B12 Solution for Injection 2000 pg/ml - M/N/N/N/N 24 Unknown 1 Animal-RBh-21/11/17 - treatment start date (I Week(s) N/A 201/12/01/12/RB-RB-RB-Cerenia) unidentified - N/N/N/N/N 24 Unknown triknown 1 Animal (11/08/201/12/RB-RB-Cerenia) unidentified - N/N/N/N/N 24 Unknown 1 Animal-RBh-21/10/17 - treatment start date (N/A N/N/N/N A) Animal-RBh-21/10/17 - treatment start date (N/A N/N/N/N A) Animal-RBh-21/10/17 - treatment start date (N/A N/N/N/N A) N/N/N/N/N A) 10/1/20/17/RB-RB-Nebtobactin 250 mg Tablets for Oogs and Cats - N/N/N/N/N A (10 ml A (10 Mg/N) 30/11/20/17/RB-RB-Nebtobactin 250 mg 10/8/N/N/N/N A) 10/1/20/17/RB-RB-Nebtobactin 250 mg 10/8/N/N/N/N A) 10/1/N/N/N/N A) 10/1/N/N/N/N A) 10/1/N/N/N/N/N A) 10/1/N/N/N/N/N A) 11/N/N/N/N/N A) 11/N/N/N/N/N/N A) 11/N/N/N/N/N N A) 11/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06959	United Kingdom	Animal	Canine/dog	3 Year(s)	01/12/2017	07/12/2017	1	1 0	01/12/2017	No, KBR>BR>BR>KBR>No	Vomiting Seizure NOS, Disorientation in appetence, Le NOS, Disorientation in appetence, Le Nos, Disorientation appetence, Le Naryer (see also Central nervous system depression in Neurological JAAnormal test result-typerkalaemia-typerphosph ataemia-typerprotinaemia-Elevat ed creatine-kinase (CK), Increased packed cell volume (PCV)	Other	Suspected Adverse Reaction On the 1 December 2017, the dog appeared clinically well but the owner reported that he had vomited water before having his breakfast; vaccination with Nobivac L4 and Nobivac KC was given lettra label used. On the 2 December 2017 at 7.30 am, the oliginal as elevating that tools colorily lasting less than 1 minute. After the seisure the dog became lethangic and disoriented. In addition, the owner reported that since the vaccination the dog had been off floor. On the 3 December 2017, the dog was still lethangic and disoriented, had another seizure (full broic clonic) lasting less than one minute and vomited. On the 5 December 2017, the dog was presented to the vet and appeared clinically well. Three Diazepan Rectal Tubes were given for home treatment to use in case of new setzures. On the 7 December 2017, the dog blood sets results showed: Heamoglobin = 0.25 gld (12.0–18.0). PCV = 58.44 (37.0–55.0), Fotasium = 5.90 mmol/1 (3.60–5.60), Total Protein = 74.8 mmol/1 (50.0–72.0 Phosphate = 2.72 mmol/1 (50.0–72.0 Floories).	Crossbred	3.7	Nobivac KC - 3.N/A.N/A.10.0.4 ml Unknown 1 Animal (03/12/2017- 01/12/03/17-BR-BR-Nobivac Ld Suspersion for Injection for Dogs - 1.N/A/N/A.10.1 ml Unknown 1 Animal (03/12/2017- 01/12/2017)-BR>-4BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06970	United Kingdom	Animal	Canine/dog	6 Year(s)	20/11/2017	07/12/2017	1	1 0	22/11/2017	Yes, <er< td=""><td>Swollen gum, Abnormal ultrasound finding, Enlarged lymph nodes (generalised), Intestinal disorder NOS, Oral ulceration, Hepatopathy, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Increased salivation</td><td>No Data</td><td>Suspected Adverse Reaction On 20 Nov 2017, dog succinated with Nobince KC and Nobince I.C. clinically well at time of vaccination. On 22 Nov 2017, developed lethargy, off food, dribbling from face, swollen/ulcerated jums and lymph nodes enlarged. The dog was presented and given antibiotics and steroids. On 24 Nov 2017, the clinical signs had resolved. On 5 Dec 2017, dog presented with a relapse of the clinical signs as well as pressed (30.3 degrees cleally and an ultrasound was performed and showed gut inflammation and hepatopathy. Stated that various tests have been performed with no clear conclusion. No further information expected.</td><td>Irish Terrier</td><td>23</td><td>Nobivac KC - 4,N/A,N/A,1,0,0.4 ml 1 Animal (20/11/2017- 20/11/2017-8RS-dRN-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (20/11/2017-20/11/2017)-BR>-BR></td><td>B - Possible</td><td>NCA disagrees with MMH assessment - SPC states lethargy and reduced appetite can occur following vaccination - although other signs are unexpected, product involvement is possible. Two vaccines given.</td></er<>	Swollen gum, Abnormal ultrasound finding, Enlarged lymph nodes (generalised), Intestinal disorder NOS, Oral ulceration, Hepatopathy, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Increased salivation	No Data	Suspected Adverse Reaction On 20 Nov 2017, dog succinated with Nobince KC and Nobince I.C. clinically well at time of vaccination. On 22 Nov 2017, developed lethargy, off food, dribbling from face, swollen/ulcerated jums and lymph nodes enlarged. The dog was presented and given antibiotics and steroids. On 24 Nov 2017, the clinical signs had resolved. On 5 Dec 2017, dog presented with a relapse of the clinical signs as well as pressed (30.3 degrees cleally and an ultrasound was performed and showed gut inflammation and hepatopathy. Stated that various tests have been performed with no clear conclusion. No further information expected.	Irish Terrier	23	Nobivac KC - 4,N/A,N/A,1,0,0.4 ml 1 Animal (20/11/2017- 20/11/2017-8RS-dRN-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml 1 Animal (20/11/2017-20/11/2017)-BR>-BR>	B - Possible	NCA disagrees with MMH assessment - SPC states lethargy and reduced appetite can occur following vaccination - although other signs are unexpected, product involvement is possible. Two vaccines given.
NOBIVAC L4	GBR-MERCXMSD-2017-UK-06974	United Kingdom	Animal	Canine/dog	8 Month(s)	24/06/2017	05/02/2018	1	1 0	01/12/2017	Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Lack of efficacy (garvovirus)	Not Known	Sispected Lack of Expected Efficacy On 12 May 2017, puppy vaccinated with first dose of Nobivac DH and Nobivac Lepto J. On 27 May 2017, vaccinated with second dose of Nobivac DH and first dose of Nobivac L4. On 24 Jun 2017, puppy vaccinated with Nobivac L4 at 14 weeks off (extra label use). On 1 Dec 2017, dog developed heamorrhagic entertisk with vomiting and was presented don 4 Dec 2017. To owners stated the exposed to a new puppy with suspected calinice Parovirus around the end of Nov 2017 and the dog shared a ravel def of 34 days, On 5 Dec 2017, a SWAP Jest was performed and stated negative. A PCR on the second sample that was taken in the evening of the same day - came back positive. A milroroscopy on faceal samples was negative for parasites thut positive Clostridium. Perfringers A-toxin and aerobic culture pending. Blood samples taken: WICE 3.92 (low but no efference range provided). Awalt further information. Follow up 13 Dec 2017. On 4 Dec 2017, day was treated with intervenous flids, Augmentin, Cerenia, Empedi, Protein problem 1 year for the Nobivac L4 (treatment program not respected). No further information received. Case closed.		Not Known	Nobiac DIP - 1.N/A/N/A J.0.1 ml Not applicable 1- Animal (27/08/2017- 27/08/2017- 27/08/2017- 27/08/2017- 8-R-BR-Nobiase L4 Supersion for Injection for Dogs - 1.N/A/N/A J.0.1 ml Not applicable 1 Animal (24/06/2017- 24/06/2017- 24/06/2017- 12/06/2017- 12/06/2017- 12/05/2017- BR->=BR->	N - Unlikely	The product does not provide immunity against parrowirus
NOBIVAC L4	GBR-MERCKMSD-2017-UK-06979	United Kingdom	Animal	Canine/dog	13 Year(s)	04/12/2017	08/12/2017	1	1 0	04/12/2017	Yes	Vomiting,Unsteady gait,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Vestibular disorder NOS	No Data	Suppected adverse reaction: Vaccinated with Nobivac L4 on 4 Dec 2017. Clinically well at the time of vaccination, but is described as severely obese. Previously vaccinated with Nobivac L4 in 2016, without problems. On the venning of 4 Dec 2017, day ownited in garden, valked inidie and collapsed. Presented to vets. Diagnosed with Vestibular Episode. Very unsteady on feet. Hospitalised and treated with Cerenia and Rimady 1. Bec 2017, now doing well and more steady on feet. Excess weight has made this harder. Attending Vet feels association with vaccination is unlikely. No more information swontered.	Golden it Retriever	41.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (04/12/2017- 04/12/2017)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-07006	United Kingdom	Human	Human	24 Year(s)	01/12/2017	11/12/2017	1	1 0	01/12/2017	Not Known,
 ></br 	Injection site bruising, Injection site pain	Not Known	A vet a ccidentally stuck a needle into the knuckle of his left hand after vaccinating a dog with DHP and L4. The syringe was empty, but the needle was dirty. The injury site was washed with fresh water, but became bruised and sore an unknown time later. MAH requested further information.	Human	Not Known	Nobivac DHP - ,,,,24 Nobivac L4 Suspension for Injection for Dogs -		
NOBIVAC L4	GBR-MERCKMSD-2017-UK-07007	United Kingdom	Animal	Canine/dog	3 Month(s)	04/11/2017	11/12/2017	1	1 0	05/11/2017	Not Known Yes, Not Known	Abnormal test result, Leucopenia, Neutrophilia, Hae morrhagic diarrhoea, Haematemesis	Not Known	Suspected Adverse Reaction On 4 Nov 2017, dog was vaccinated with Nobivac DHP and Nobivac L4 (first vaccine of primary course) and was reported as clinically well at the time of vaccination. On 5 Nov 2017, owner reported hearon-ringed controlling and heard-ringed clinicals also det ests showed low white blood cell court and a pronounced neutrophilis (values not gleen) and an in house rasp test and a faccal PCR for Parvorious were both positive. Treated with intravenous fillusts and artiblicists (positive and a faccal PCR for Parvorious were both positive. Treated with intravenous fillus and artiblicists (positive research positive). The positive proposed is clinically well and recovered No further information expected.	German Shepherd Dog	8.4	24cBR-cBR> Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (04/11/2017- 04/11/2017)cBR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 20,1 ml Unknown 1 Animal (04/11/2017- 04/11/2017)cBR> 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-07020	United Kingdom	Animal	Canine/dog	8 Year(s)	02/12/2017	27/12/2017	1	1 0	06/12/2017	Yes	Injection site abscess,Injection site lump,Injection site pain,Off colour	No Data	Supercial Adverse Reaction On the 2 December 2017, the dag was clinically well and was given Nobback 14. On the Bocember 2017, the dag was presented with inflammation at the higheiton size (10 cm in diameter) painful to touch. Treatment with Metacam was dispensed. On the 11 December 2017, the dag was presented again at the practice as he was not well and had developed in ablacts in the injection disc. The existenced and flushed the abscess (sample for culture and entuitivity) sets that administered into a Vision and the Company of the Company of the Company of the administered into the Company of the Company of the Company of the Company of the administered into the Company of the Company of the Company of the Company of the administered into the Company of the Company of the Company of the Company of the administered into the Company of the Company of the Company of the part of the Company of the Company of the Company of the Company of the part of the Company of the Company of the Company of the Company of the part of the Company of the Company of the Company of the Company of the part of the Company of the Company of the Company of the part of the part of the Part of the part of the part of the Part of the part of the	English Cocker Spaniel t),	14.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (02/12/2017-02/12/2017) RR> 	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2017-UK-0703	United Kingdom	Animal	Canine/dog	7.1 Year(s)	07/12/2017	12/12/2017	1 1	0 08/12/201	7 No, <b R> Yes</b 	Dehydration,Prostatic disorder NOS,Weight loss,Pyrexia,Lethargy	No Data	Suspected Adverse Reaction. The dog was vaccinated on 27 Jul 2016 with Nobivac L4 and no reaction occurred. The dog was vaccinated with Nobivac DHP (Extra Label Use-Booster was overdue) and	Other Canine/dog	19.2	Nobivac DHP - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (07/11/2017-	B - Possible	NCA agrees with the MAH assessment.
											[see also Central nervous system depression in Neurological'), Decreased appetite, Dry mucous membrane, Hyposalbuminaemia, Hyporepisaemia, Proteinuria, Haematuri a, Hypoproteinaemia, Hypoproteinaemia, Hypoproteinaemia, Hypoproteinaemia, Hypoproteinaemia, Elevated BUN, Elevated creatinine, Elevated ALT, Ahnormal red Blood, et Ellevated cholesterol (total), Hypopnatremia		Nobbact L4 on 7 Nov 2017 and no reaction occurred. The dog was succinated with Nobbact L4 on 7 Doc 2017 and was reported as clinically well at the time of vocationation. On 12 Dec 2017, the owner reported the dog was relating, had a reduced appetite and had a temperature of 41 degrees. Cithe day after vaccination fig. Dec 2017. The owner abor reported well pits. The vet reported the dog had a temperature of 38.0 degrees. C, dry mucous membranes, mild skin tent and as slightly enlarged prostate Unrialysts is as cytocentesis showed hemanturia and proteinatis, Bloods showed total protein of 750–773, albumin 18 (26-40), At 1 108 (13-78), Urea >49.98 (1.7-7.4), creatione 206 (20-124), phosphorus 3.41 (0.7-21), indetserior 11.16 (2.8-8.3), glouces 6.6 (2.0-6.3), sodium 137 (13)–194), Nemoglobin 19.3 (12-18) and MCH 25.3 (19-25). The dog was treated with intravenous fluids and Ronaxan antibiotics. Await further information.			07/11/2017;eR=-RB>-Nobbyac L4 Suspension for Injection for Dogs- 1.N/AN/A,10.1 ml Unknown 1 Animal (07/12/2017- 07/12/2017)*eBR>-BR>		
	GBR-MERCKMSD-2017-UK-0708	Kingdom	Animal	Canine/dog	12 Week(s)	07/12/2017	14/12/2017	1 1	0 07/12/201	7 Yes, <b R> >BR>Not Known</b 	Face and neck swelling (see also 'Skin')	Not Known	Saspected Adverse Reaction On S Nov 2017, puppy vaccinated with Nobbac DHP and Nobbac L4, chincilally well at Inde of vaccination. On The 2017, puppy cancinated with second does of Nobbac DHP and Nobbac L4. Approximately 30 minutes after vaccination, face, cheeks and neck began to swell. Given Chiorphenamine and then admitted given intravenous Dexamethasione injection. The puppy's clinical signs resolved after 4 hours and was discharged. No further information expected.	Labrador Retriever	6.06	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (07/12/2017- 07/12/2017-BR->BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Scoopful (07/12/2017-07/12/2017) >BR>	B - Possible	NCA agrees with the MAH assessment.
	GBR-MERCEMSD-2017-UK-0711	Kingdom	Animal	Canine/dog	4 Month(s)	27/10/2017	12/02/2018	1 1	1 15/12/201	Known, GRX-GR YES, GBR>GRX- YES, GBR>GRX- RX-GRX-GRX-GRX- RX-GRX-GRX-GRX- BR>GRX-GRX-GRX- BR>GRX-GRX- BR>GRX-BRX- BR>DAT KNOWN, GRX-BR Not Known	Death by euthanasia.Lack of efficacy	No Data	Suspected Lack of Expected Efficacy On 30 Sp. 2017, dag was vaccinated with Noblava CHP and Nobbace L1 and var reported as Clinically well at the time of vaccination. On 27 Cot 2017, dag was vaccinated with Nobbace DHP and Nobbace L4 (extra label use, treatment regime not respected) and was reported as Clinically well at the time of vaccination. On 15 Dec 2017, vet reported the dag had vomiting, soft stools and mild abdominal discomfort. Treated with onesprazole, Cerenia and a probletic. On 17 Dec 2017, dag was inspected and elbod tests showed Urea 19.2 (1.7-7.4), Creatinic 271 (27-115), ALT was reported as off of the scale and not reading. AMPS 112 (2.81), Tail Du (2-10), postssimi and (8-6.56), chlored 2-2 (10.2), Well 12.6 (6-17) and neutrophils 13 (3-5.12). Treated with intravenous fluids, Fonsaxan and vitamin k and 3 untrary carther two splaced as the dog was ancure. Vet administered invested and dilitazem. Only was euthanseed on 17 Dec 2017. Further information expected, Josed cash. 16 dog was ancure. Vet administered invested and dilitazem. Only was euthanseed on 17 Dec 2017. Further information expected, Josed cash. 16 dog was 2017. Further information respected, Josed cash. 16 dog was 2017. Further information respected, Josed cash. 16 dog was 2017. Further information respected.	Rottweiler	Not Known	Cerenia unidentified - 1,N/A,N/A 24,1 Dose Univoron 1 Animal (24 Houris) 15/12/2017- 15/12/2017-Be-BN-bobbac DHP- 1,N/A,N/A, 10,1 mil Uninown 1 2/17/2017-Be-BN-bobbac L4 Supersion for Injection for Dogs- 1,N/A,N/A, 10,1 mil Uninown 1 Animal (27)/2017-BB-Prokolin Animal (27)/2017-BP-Prokolin Control of the Control of the Control 1,N/A,N/A, 10,1 mil Uninown 1 Animal (27)/2017-BP-Prokolin Control of the Control 1,1/A,N/A, 10,1 mil Uninown 1 2/17/2017-BP-BN-BN-prokolin 1,1/A,N/A, 24,1 Dose Uninown 1,1/A,N/A,N/A, 24,1 Dose Uninown 1,1/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N	01 - Inconclusive	Clinical signs could be consistent with leptosprosis, however could be often multiple causes. No diagnostic testing carried out to determine cause - SLEE cannot be ruled out.
	GBR-MERCKMSG-2017-UK-0711	Kingdom	Animal	Canine/dog	3 Year(s)	06/12/2017	28/12/2017	1 1		7 Not Known	Injection site abscess/injection site swelling.Lettangs (see also Central nervous system depression in Pleurological). Beleutant to move,Off colour,Elevated temperature.Not eating.Injection site warmth,Surgical site disorder	Not Known	Saspected Adverse Reaction On 6 Dec 2017, dog was vaccinated with Noblava L4 (Dootser vaccination no details of provious succinations period, no 12 Dec 2017, owner reported that the dog was off of he food and lethargic for a few days poot vaccination (estimate 7 Dec 2017). Vet reported as welling at the injection site that was warm and not obviously painful to touch. No treatment gave. On 14 Dec 2017, vet reported that the welling had increased in size and was more diffuse. The dog was not eating and not warning to move. Treated with antibiotics and from steroid all artiful familiar to the control of the size o	Jack Russell Terrier	Not Known	Nobiwa: L4 Saspension for Injection for Orogs. 17/AA/A,10.1 ml Unknown 1 Animal (06/12/2017-06/12/2017)-BR>-BR>	A - Probable	NCA agrees with MAH assessment.
	GBR-MERCEMSGD-2017-UK-0715	Kingdom	Animal	Canine/dog	3 Year(s)	17/11/2017	19/12/2017		0 20/10/201	J Not Known, 4BR-2BR	Ocular discharge, Conjunctivitis, Autoimmur e disorder NDS, Muscle inflammation, Meningist, Decreased appetitle, Lethargy (see also Central nervous system depression in Neurological), Malaise, Pyrevia, Wei gift loss, Bilood in Aeces, Abnormal posture NDS, Proprioception deficit, Abnormal test nesult, Shiwering, Galt abnormality, Macculoskeletal pain, Decreased drinking, Bounding pulse, Abnormal cytology	Not Known	Saspected Adverse Reaction On 20 Oct 2017, doing presented to the veterinary practice as suffering need pain (coded as muculoskeletal pain) and was dispensed Metacam Onal Suspension to be given once daily. On 17 Nov 2017, doing vaccinated with Nobbuc 14, clinically well at time of vaccination. On 27 Nov 2017, presented to the practice as was sherwing, not hereal and a discharge from the right eve. Given amonyclav, unspecified eye treatment and continue Metacam. On 29 Nov 2017, presented and had not improved and given Trainadol and was referred for a further work up. On 16 Po. 2017, a CST and MRIB was performed and diagnosed meningitis with a possible link to a vaccine reaction. No further information respected. Follow up 20 Dec 2017. Clinical history received. On 16 Apr 2015, day presented with neck pain and restricted movement of the neck laterally, no investigations were performed and diagnosed meningitis with a possible link to a vaccine reaction. No further information septeded. Follow up 20 Dec 2017. Clinical history received. On 16 Apr 2015, day presented with neck pain and restricted movement of the neck laterally, no investigations were performed and freshoed by 24 Apr 2015 with treatment (melacam, noncolar, tramadol and gabapentin). On 31 Aug 2017, owner reported the dog was drinking more, leaking urine on her bed and west in acute disconford and was not moving her head freely. Vet reported estricted lateral movement of the neck and pain on flexion to the left hand side (coded as musculosiskeletal pain). Treated with Metacam. On 17 Nov 2017, downer exported the dog was dethinged. Lead all sevent colony that the design of the present of the code of the presen	Weimaraner	Not	Bravetco 1000 mg Chewabie Tablets for Oops - 1000/NAN/A 3,Treatment date unknown (N/A- NA)/BRG-RB-CWADEATO 5/06/52 mg Tablets for Dogs - 1,N/A/N/A 24,1 Dose Unknown 1 Animal, Treatment Start Date 27/11/17 (N/A- NA)/BRG-RB-Tourian 1 mg Tablet - 1,1,24 Houns,3,1 mg 24 Hours 1 Animal (30 Joys) (5/69/2017- 65/10/2017)-RBR-BB-Isstahla 10 mg/g Eye Props, Suppension for Dogs, Cats and Rabbits - 1,N/A/N/A N/A) (Top(S) (Informour 1 Animal, Treatment Start Date 27/11/17 (N/A- N/A)-BRG-RBR-Metacam unidentified - 1.N/A,N/A /A,1 Dose Unknown 1 Animal (2 Year(s) 20/11/2017- N/A)-BRG-RBR-Ndliquantel 12.5 mg/125 mg Tablets for Dogs unidentified - 1.N/A,N/A /A,1 Dose Unknown 1 Animal (2 Year(s) 20/11/A)/BRG-RBR-Ndliquantel 12.5 mg/125 mg Tablets for Dogs unidentified - 1.N/A,N/A /A,1 Dose Unknown 1 Animal (1/A)/BRG-RBR-Ndbrobus L4 Sospension for Injection for Dogs 1,4/N/A/A) (1 Animal (1/A)/A/A). In A Inimal (1/A)/A/A).	01 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0716	United Kingdom	Animal	Canine/dog	4.8 Year(s)	07/12/2017	19/12/2017	1 1	0 07/12/201	7 Not Known, BR KBRASBR>BS Yes, BR>BS R>BR>BS KSBR>BS KNOWN, KNOWN, BR>BR Not Known		Not Known	Sapected adverse reaction. On the 7 Dec 2017, day was vaccinated with Babbin R, Noblave C.DP and Nobbec L4.1. A Dury prior to vaccination day had been given an ACP Bablet. Clinically well at the time of vaccination. 30 min after the vaccination, sedate, lethangic, hypothermic \$3.2.1. hour post vaccination, 100 min after the vaccination, sedate, lethangic, hypothermic \$3.2.1. hour post vaccination, hypersolalution. Wel/noise youngh. Within 2 hours of vaccination, hypersolalution. Well provided to was sent home. Within another 2 hours, facial and eyelid swelling. Treated with Chlorybenamine. Recovered within Jours. Monitored enemight. Sent home following day. No three information expected. Ugdate 7 Mar 2018; in the duplicate reported case, dosing was reported as 0.25 tablet, reverse sneezing was reported as well as rewarming as a treatment.	Other Canine/dog	3.55	ACP Tablets 10 mg - 2.5,N/A,N/A 3,0.7 mg/kg (07/12/2017- 07/12/2017-BRR-8RR-Noblova DHP- 1,N/A,N/A, 2.4,1 (07/12/2017- 07/12/2017-BRR-8RR-Noblova L4 Suspension for Injection for Dogs - 1,N/A,N/A, 2.4,1 (07/12/2017- 07/12/2017-BRR-8RR-Rabsini- 1,N/A,N/A, 2.4,1 (07/12/2017- 07/12/2017-BRR-8RR-Rabsini- 1,N/A,N/A, 2.4,1 (07/12/2017- 07/12/2017-BRR-8RR-Rabsini-	B - Possible	NCA agrees with MM1 assessment. Facial seelling with eyell owelling suggest an allerget by per response post vaccination, multiple products used, so impossible to say which.
NOBIVAC L4	GBR-MERCKMSD-2017-UK-0726	United Kingdom	Animal	Canine/dog	10 Year(s)	03/11/2016	27/12/2017	1 1	0 05/11/201	6 Yes	Diarrhoea, Abnormal ultrasound finding, Inappetence, Vomiting, Gastroenteritis	No Data	Suspected adverse reaction. Vaccinated with Nobivac L4 on 3 Nov 2016. 2 days later had vomiting and diarrhose, and off food until the 10 Nov 2016. Admitted and treated with IV Fluids at the time. Diagnosed with Non-specific Gastro-enteritis following Ultrasound Scan, No more information expected. Linked case: Subsequent SAE at next booster. 2017-UK-07265	Staffordshire Bull Terrier	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose 1 Animal (03/11/2016- 03/11/2016 	B - Possible	NCA agrees with the MAH assessment

	1										1			,		ı		
	GBR-MERCIMISD-2017-UK-07265	United Kingdom	Animal	Canine/dog	11.8 Year(s)	21/12/2017	09/03/2018	1 1	0 22/12/20	17 Yes, <pre>4R >-6R >-6R >-6R >-6R >-6R >-6R >-6R >-6</pre>	system disorder NOS,Diarrhoea,Vomiting,Gall	No Data	Suspected adverse reaction. Vaccinated with Noblova: L4 on 21 Dec 2017. Clinically well at the time of vaccination. 2 About state, very quel, lethragic, wonting, diamrhoes and abdominal discomfort. Treated with IV Fluids, Cerenia, Rantidine, Omegrazole and Vetergesic. Bloods taken but nothing abnormal detected. "Array showed large amount of gas. Concurrent medication for Arthrist includes Rinady, Transadol and Parldale V. Linked with Case for previous SAE-2017-UK-07261 Follow up 4 Jan 2018- On 28 Dec 2017, dog was referred. An abdominal larthround showed as mais lipetin coulde an a few polyps in the gall bladder. These findings were considered incidental. A faceal test for parasites was negative. An in-house snap test for Cannie paracreatic layse was abnormal, however a blood test for cannie pancreatic lipsae was 63.4 (<200 normal). Vet was suspicious of acute pancreatis, however this was not confirmed. Treated with Cereins, Omegrazole, Paracreatinal and Panacur. On 3 Dec 2017, vet reported ongoing diarrhose, but the dag was eating. On 3 Jan 2018, farects were reported as improved, treated with Pro-lon. No ruther information expected. Follow up 9 Mar 2018. Vet reported that the dog was recovered. No further information expected.	t 00 -		Nobbac L4 Suspension for Injection for Org.s. 11/A/A/A/2,1 Dose Not applicable 1 Animal (12/12/2017-21/2017-21/2017-21/2017-21/2017-21/2017-21/2017-21/2017-21/2017-2017-2017-2017-2017-2017-2017-2017-		NCA agrees with MAH assessment, ABON B
	GBR-MERCKMSD-2017-UK-07282	United Kingdom	Animal		12 Week(s)			1 1	0 28/12/20	R>dBR>BR>No Known	Low platelet count_leucopenia_lymphopenia_Inc ressed heart rate_Ataxia_Increased respiratory rate_Inappetence_Malaise_Pyrexia_A honomal test result_Hypoalbuminaemia_Hyperph osphataemia_Elevated SAP_Decreased red blood cell count_Decreased packed cell wolume (PCV_ITMonboortonemia_IN houme (PCV_ITMOnboortonemia_ITMO houme (PCV_ITMOnboortonemia_ITMO houme (PCV_ITMOnboortonemia_ITMO houme (PCV_ITMOnboortonemia_ITMO houme (PCV_ITMOnboortonemia_ITMO houme_ITMO h	Not Known	Supercted Adverse Reaction On 27 Dec 2017, pupply vaccinated with second dose of Nobiac DHP and Nobiacs L4. On 28 Dec 2017, owner noticed was quiet, inappetant and wobbly on his feet. On 29 Dec 2017, presented and on examination. heart rate 18th beats per minute, respiratory 44 and temperature 40 degrees Celsius. Blood tests performed: tymphorytes C69 [1-48, WRC 4.48 (6-17), BCG. 3.89 L5-85], HCT 25.11 [25.75], Pitelet 91 [20 [20 50], Albumin 21 [25-44], ALF 932 [20 1-50], Ure 23 2 [3-28.9], Prosphorus 2-32 [0.94-2.13], Creatinine 26 [27-124], Diagnosed with thrombocytopenia and started intravenous fluid therapy, Await Unther information. Follow up 27 Feb 2018 - Decreased Red Blood Cell Count to Veddra. No further information received. Case closed.	e	g 3.3	Animal (27/12/2017- 27/12/2017)-BR>-BR>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A, 1,0,1 ml 1 Animal (27/12/2017-27/12/2017)-BR>-BR>	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCIMISD-2018-UK-00025	United Kingdom	Animal	Canine/dog	9 Month(s)	06/06/2017	02/01/2018	1 1	0 24/12/20	17 Yes, GR>-GR>-GR>-R R>-GR>-GR>NO Known	Lack of efficacy (parvovirus)	Not Known	Supercted Lack of Expected Efficacy On 8 May 2017, fog vaccinated with first dose of Nobbusc DHP and clinically well at time of vaccination. On 2 Lay 2017, vaccinated with second dose of Nobbus CHP and clinically well at time of vaccination. On 6 Jun 2017, vaccinated with second dose of Nobbus CHP and clinically well at time of vaccination. On 6 Jun 2017, vaccinated with second dose of Nobbus CH. On 27 Dec 2017, governed as still inappetant, lethange, hemorrhage disurhors and uncomfortable. On azomiation, abdomen was painful on palapation, temperature 35 degrees clebius and tachycardic 160 bests per minute. Given intravenous fluid therapy and conducted an in-house dexx fissing tell non-faecial analysis for Panovirus. Further blood tests per formed was performed in-house which suggested to protection for Panovirus. Further blood tests per formed to 10 Lay 10	Chihuahua f	Not Known	Nobbac 0HP - 1.M/A/N/A (0.1) ml 1 Amimal (22/05/2017)-8R-Nobbac L4 Suspension for injection for Oag- 1, 1/A/N/A, 10.1 ml 1.Animal (06/06/2017-06/06/2017)-8R->8R->	N - Unlikely	product does not provide protection to parvovinus, ABON N
NOBIVAC L4	GBR-MERCIMISD-2018-UK-00106	United Kingdom	Animal	Canine/dog	5 Month(s)	07/11/2017	17/01/2018	1 1	1 01/01/20	IS Yes, ERR-ERR-E R>GRP-GRP-ER GRP-GRP-GRP- BR-GRP-Not Known	Death by euthanasia, Lack of efficacy (distemper virus)	Not Known	Supereted Lack of Expected Efficacy on 10 Oct 2017, puppy vaccinated with first dose of Nobibac DHs and Nobibac Lick clinically well at time of vaccination. On 2 Oct 2017, second dose of Nobibac THs given and first Nobibac KC. On 7 Nov 2017, second dose of Nobibac THs given and very well on clinical examination. On 11 an 2018, owner reports developed a yellow microul surface, not extent breakfast, lethangic and quiet. On 2 Jan 2018, presented was very slightly quiet in self, eating, some distrinces with a small amount of blood. Let er a had some discharge and inflammation, white plaque on tongue and a temperature of 40.5 degrees Celsius. A cytology was performed and ears had some bacterial rods and rough held large luckers of occi and epithelia cells. Blood panel showed paneles/deportal in order of the purp of the purp had respiratory signs, finiteening of axis and some dehaption of the purp o	Jack Russell Terrier s	2	Nebbus CHP - 1.N/A/N/A (2.01 ml 1 Animal [24/16/20-7-7] 24/10/2017-6RR-8BR-Nebbus K C- 4.N/A/N/A (1.04 ml 1 Animal [24/10/2017- 24/10/2017-8BR-8BR-Nebbuse L4 Suspension for Injection for Dogs - 1.N/A/N/A (2.01 ml 2 Animal (07/11/2017-07/11/2017)<8R><8R>	N - Unlikely	NCA agrees with MAH assessment - no protection expected for Canine Distemper or Pavovirus
	GBR-MERCIOMSD-2018-UK-00139	United Kingdom	Animal	Canine/dog	15 Month(s)	05/01/2018	28/02/2018	1 1	0 05/01/20	Known,
BR> <br Not Known</br </br 	nlarged liver, Lethargy (see also Central nervous system depression in Neurological Pyrevas Weight loss, Increased salvation, Rigidity, Elevated liver enzymes, Elevated BUN, Elevated ALT, Elevated SA, Ahonomal ultrasound finding, Dull, Subdued	Not Known	Suspected Adverse reaction 5 Jan 2018: dog was vascrinated with Nobivac DHPPI and Nobivac L4, clinically normal at time of vaccination. Went for a walk, ran after another dog, came back subdeed and sallvating, Represented at vet at 3.50 ms same day. Temp 3.50, very quet, string very rigid. Biological all normal except mild elevation in neutrophils. Colvasions and patiently given. Replace there the next day sit yequet. Repeat blooks increase in neutrophils. 2 at and ALP to 400 mmol/l. Repeat seteroil injection bloods. Al T now elevated support 200 mmol/l. Addominal lutrasound; possibly mildly enlarged lever, normal patienchima. Further update expected this week follow ps 16 in 2018 for lever last edges has been doing better. Bright, happy, eating well, no vomiting, playing and has gained 0.48, Blood ALT and ALPS mow both manginally elevated must improved and use now mildly elevated. Unline all within normal limites. Oue recheck again late this week! early next week. Further information expected. Follow up 28 Feb 2018. Dog was seen on 2014 feb 2018. Lever enzymes had refunded to normal. Dog had gained weight and was back to normal. No further information or follow up expected.	English Springer s Spaniel		Nobivac DHPPL, Lyophilisate for Suppression for Injection for Dos Supersion for Injection for Dos July/NA/A J.0.1 in Not applicable 1 Admins (8/501/2018-000) (2018-0	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00141	United Kingdom	Animal	Canine/dog	3 Month(s)	02/12/2017	08/01/2018	1 1	0 02/01/20	18 Yes, <i R> No Known</i 	Leucocytosis, Neutrophilia, Lamenes s, Localised pain NDS (see other 'SOCs' for specific pain), Hyperglycaemia, Swollen limb	Not Known	Supercted Adverse Reaction. On 2 Dec 2017, dog systiciated with first dose of Nobhac DP and Nobhac L4. On 15 Dec 2017, second dose of Nobhac DPI given and second dose of Nobhac L4 given on 30 Dec 2017. The puppy was clinically well at all vaccinations. On 2 Jan 2018, presented as developed lameness on right forelimb, non-weight bearing (owner carried puppy) in and sin't aware th degree of lameness in walk, Liven Drois a treatment and sent home. On 7 Jan 2018, ne-camination and leg is now swollen along the entire limb (digits to shoulden), painful on palpation. Blood test performed: Elevated places for value or reference range, ProSpalate 2.37 (stated normal but no	Labrador Retriever e n	10	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (02/12/2017- 16/12/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (02/12/2017-30/12/2017)-BR> 	O1 - Inconclusive	NCA agrees with MAH assessment

NORIVAC 14	GBR-MERCKMSD-2018-UK-00173	La ara	T	la	I 11	T					Yes <rr><rr><r< th=""><th></th><th>1</th><th></th><th>I</th><th>I</th><th></th><th></th><th>I</th></r<></rr></rr>		1		I	I			I
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00173	United Kingdom	Animal	Canine/dog	4 Year(s)	25/01/2016	09/01/2018	1 1	0 0	01/01/2017	Yes, Yes	Immune mediated thrombocytopenia, Lack of efficacy (parvovirus)	No Data	Suspected Lack of Expected Efficacy and Suspected Adverse Reaction On the 23 January 2016, the dog was usuccinated with Nobbaco DHP and Nobbace L4. Approximately at the beginning of 2017, the dog was diagnosed with Immune Mediated Thombocytopenia (IbdTP). Treatment with predissioner up to August 2017 and with cycloppin (Iadporta) up to November 2017 was given. The ved din not administer the booster vaccine in 2027 according to the Atopica datasete. On the 8 January 2018, th section by results indeed that the time of the Component was 7 (but unit on given). Or Prior Vortis was 25 or considered as minimum protective time was 40 (bit. units not given). No more information expected.	Spaniel e	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (25/01/2016- 25/01/2016)&RR~8B*Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (25/01/2016- 25/01/2016) 	N - Unlikely	NCA agrees with MAH assessment SAR ABON N, SLEE N
	GBR-MERCXMSD-2018-UK-00183	United Kingdom	Animal	Canine/dog	8 Month(s)	07/07/2017	30/01/2018	1 1	0 0	08/01/2018	Not Known, <ps, <yes, </yes, </ps, 	Lack of efficacy (parvovirus)	No Data	Suspected Lack of Expected Efficacy, On the 7 July 2017, at 8 weeks and 3 days of age, the dog was clinically well and was vaccinated with the first dose of Nobiaco EPI and Nobiaco. LP on the Oxiga. 2017, at 12 weeks and 1 days of age, the dog was succinated with the second dose of Nobiaco EPI and Nobiaco LF. Commantanty, the dog was applied Advocate for parasites control. On the 83 insury 2018, the dog was presented with watery disnribos, jethargy, inappetence and hypersalwation. Treatment with Intra Venous Fluid Therapy, Ceresia, Superophile, Metrorodacole, Symulov and Perfaign was given. The dog was also panting a lot which the vet considered due to stress and treated with Aceptomanian Bool dest results showed: Phosphate 237 (81.81.2), At 7.27 (61.81.2), AT SNAP Parvo Test was performed and the dog resulted positive. No more information expected.		39	Advocate Spot- on Solution for Extra- Large Dosg - 1JN/A/N.2.42 to Dose Unknown 1 Animal (1 Dayks) 02/08/2017: 02/	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCINSS-2018-UK-00207	United Kingdom	Animal		7.1 Year(s)			1 1			R-4BP-4BR-Not Known	Malaise Lack of officacy/Abormal test result, Blased Tooth disorder, Elevated Ilver environment of the Comment	Not	Sapected Adverse Reaction & Supected Lack of Expacted Efficacy. On 5 Sep 2017, 6bg vaccinated with hooster of Nobico DFP and Nobico. 14, clinically well on examination other han a few image the Nobico PFP and Nobico. 14, clinically well on examination of them as few image that has been settled and are Ignoras), On 4 Dec 2017, 6bg started vomiting, arched back slightly and not the abomainaties seen. On 5 Dec 2017, 6bg of different in self and estile jies ser-reported a scavenger and is relatively qualet for herself. On examination found slab fracture on both upper carrassists—given for exemple, on the property of the company of the starter of the property observed however some diarhorso on 6 Dec 2017 but now soft stools. Bright in herself and does not appear uncomfortable. On 11 Dec 2017, owner concerned does abdomen loss shightly bloated and spine looks prominent and arched. On examination, spine slightly prominent but not discomfort on spinal palapation, abdomen was not have adjocated property of the spinal palapation, abdomen was not have adjocated property of the spinal palapation, abdomen was not have adjocated property of the spinal palapation, abdomen was not not an abnormalities between heart rate was 155 beats per minute but was stressed. On 15 Dec 2017, ultrasound showed significant amount of free abdominal fluid and line was abnormal and suspected librated mount. An in-house heart active started as well as sprinted backed from the abdomen and performed liver appraised. (217), Grandocytes 1.4 (15-12), Monocytes 0.2 (03-15) and flatelets 199 (200-500)). On 2 Dec 2017, the dog was referred and had fluid diardined from the abdomen and performed liver appraised as a substanced by the property of the sprintenance and had fluid diardine from the abdomen and performed liver appraised. (217), Grandocytes 1.0 (218), December 1.0 (218)		Not Known	Nobbac DHP - 1,M/A/M/A (DJ, TII) Animal (56/95/2017-05/06/2017)-EREB-Nobbac L4 Suspension for Injection for Dogs - 1,M/A/M/A (DJ, TII) Animal (05/09/2017-05/09/2017)-EREB-Nobbac L4 Suspension for Injection for Dogs - 1,M/A/M/A (DJ, TII) Animal (05/09/2017-05/09/2017)-EREB-Nobbac L4 Suspension for Injection for Dogs - 1,M/A/M/A (DJ, TII) Animal (05/09/2017-05/09/2017)-EREB-Nobbac L4 Suspension for Injection for Dogs - 1,M/A/M/A (DJ, TII) Animal (DJ, TII)		The dog is shown positive on urise RCR for Laptosproxis, however seedings MRn on sevense values and approximately seven seedings. MRn on sevense was negative. It could or could not be a service covered by the vaccine. Also of efficacy is possible as the services was not identified. Await further information.
NOBIVAC LA	GBR-MERCKANSO-2018-UK-00214	United	Animal	Canine/dog	8.1 Year(s)	03/01/2018	10/01/2018	1 1		99/01/2018	Known, <br ×BR> < Yes, <b R> Not Known, <br ×BR> Not Known, <br< td=""><td>anaemia, Hyperglycaemia, Glucosuri a, Proteinuria, Haematuria, Urinary tract infection, Haemoglobinuria, Elevate d total bilirubin, Elevated SAP, Haemolysis, Billirubinuria, Decre ased packed cell volume (PCV), Abnormal red blood</td><td>Not Known</td><td>Sispected Adverse Reaction Dogs is on Maxirol eye drops for conjunctivitis since 14 Aug 2010 and has a heart murmur and mitral wheil desises. In Pez 2017, dog fell down the stairs and was diagnosed with a traumatic disc extrusion at Cervical 3 to Cervical 4 which was managed conservatively. On 13 Sep 2017, dog was diagnosed with hypothyroids and started on Thyforon 400 meg publish. Blood set showed high fille acids and high ALP (values not given). On 12 Oct 2017, a bile acid stimulation test showed high fille acids and high ALP (values not given). On 12 Oct 2017, a bile acid stimulation test showed significant hepsit city direction procurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not reaction occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and nobbac LP</td><td>1</td><td>15.2</td><td>Endectrid 250 mg + 62.5 mg Spot-on Solution for Large Dogs - 1,1M/AN/A, 24.1 Dose Unknown 1 Animal (03/01/2/018) eBR-eBR-BNobixac DHP-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-BNobixac LHQ-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-DNobixac LHQ-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-DNobixac LHQ-1,1M/AN/A, 24.1 DOSE Unknown 1 Animal (03/01/2/018) eBR-eBR-DNOBIXAG (03/01/2/018) eBR-eBR-DNOBIXAG (03/01/2/018) eBR-ESP-Symulox unideentified - 1.1M/AN/A, 24.1 Dose Unknown 1 Animal (03/01/2/018) eBR-SR-Thyforon Flavoured 400 McCorgan Tablests for Dogs-IN/A/ABR-BR-BR-DNOBIXAG (03/01/2/018) eBR-ERD-SNOBIXAG (03/01/2/018) eBR-ERD-SNO</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<></br </b </br 	anaemia, Hyperglycaemia, Glucosuri a, Proteinuria, Haematuria, Urinary tract infection, Haemoglobinuria, Elevate d total bilirubin, Elevated SAP, Haemolysis, Billirubinuria, Decre ased packed cell volume (PCV), Abnormal red blood	Not Known	Sispected Adverse Reaction Dogs is on Maxirol eye drops for conjunctivitis since 14 Aug 2010 and has a heart murmur and mitral wheil desises. In Pez 2017, dog fell down the stairs and was diagnosed with a traumatic disc extrusion at Cervical 3 to Cervical 4 which was managed conservatively. On 13 Sep 2017, dog was diagnosed with hypothyroids and started on Thyforon 400 meg publish. Blood set showed high fille acids and high ALP (values not given). On 12 Oct 2017, a bile acid stimulation test showed high fille acids and high ALP (values not given). On 12 Oct 2017, a bile acid stimulation test showed significant hepsit city direction procurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not reaction occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and not practice occurred. On 3 Ian 2018, dog was succinated with Nobbac CHP and Nobbac LP. and nobbac LP	1	15.2	Endectrid 250 mg + 62.5 mg Spot-on Solution for Large Dogs - 1,1M/AN/A, 24.1 Dose Unknown 1 Animal (03/01/2/018) eBR-eBR-BNobixac DHP-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-BNobixac LHQ-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-DNobixac LHQ-1,1M/AN/A, 10.1 ml Unknown 1 Animal (03/01/2/018) eBR-eBR-DNobixac LHQ-1,1M/AN/A, 24.1 DOSE Unknown 1 Animal (03/01/2/018) eBR-eBR-DNOBIXAG (03/01/2/018) eBR-eBR-DNOBIXAG (03/01/2/018) eBR-ESP-Symulox unideentified - 1.1M/AN/A, 24.1 Dose Unknown 1 Animal (03/01/2/018) eBR-SR-Thyforon Flavoured 400 McCorgan Tablests for Dogs-IN/A/ABR-BR-BR-DNOBIXAG (03/01/2/018) eBR-ERD-SNOBIXAG (03/01/2/018) eBR-ERD-SNO	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00222	United Kingdom	Animal	Canine/dog	1.2 Year(s)	06/01/2018	10/01/2018	1 1	0 (09/01/2018	Yes, <b R> >Not Known</b 	Hypersalivation, Seizure NOS	Not Known	Suppected Adverse Reaction On 6 Jan 2018, dog was vaccinated with Nobivac DHP and Nobivac L4 and was reported as clinically well at the time of vaccination. On 9 Jan 2015, owner reported the dog was salabuling excessively for most of the day, On 10 Jan 2018, owner reported the dog has had a seture. Vet has not examined the dog. No treatment given. No diagnostic tests performed at the time of reporting. No further information expected.	Springer	14.1	Nobivac DHP 1,N/A,N/A,10,1 ml Unknown 1 Animal (06/01/2018- 06/01/2018)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (06/01/2018- 06/01/2018)-BR>	O1 - Inconclusive	NCA agrees with MAH assessment

NOBIVAC L4		United Kingdom	Animal	Canine/dog	12 Week(s)	03/01/2018	10/01/2018	1 1		> <br: know="" not=""><br: know="" not=""><br: know="" not=""><br: know="" yes,< =""><br: know="" not=""><br: know<="" not="" th=""><th>wn, R> RN BR> WN, RN WN, BR> WN, BR> WN, BR> BR> BR> BR> WN, BR> BR> WN, BR> BR> WN, BR> WN, WN, BR> BR</br></th><th>Lymphopenia, Neutropenia, Diarrho ea, Vontific (Rata), Death In appear excognition from the Congreted much poor exception for the Congreted much poor exception for the Control for the Congreta for the Congreta for the Control for the Congreta f</th><th>Not Known</th><th>Suspected Adverse Reaction On 3 Jan 2018, dog was vaccinated with Nobivac DIPP and Nobivac L4. A microchip was also implanted. Flea and worm treatment was dispersed (unknown product) but was not administered. Yet reported that the dog had vomited on Jan 2018 and had passed soft stools prior to accination on 3 Jan 2018. On 5 Jan 2018, ever reported the dog was lethange, inappetent, was vomiting and had gene distribuse. Tested with Cereins and pro-Tolicito paste. On Jan 2018, ver reported the dog was worse, microsus membranes were pale brown, had a temperature of 403 degree Can had retroma and a head tilt and was very list. Bloods showed albumin 20 [24-66], glucose was low, AP 308 (6-212), amylase 268 (400-500), creationer 27 (55-411), phosphorus 2.32 (0.8-2.06), sould mil 191 (13-60), potessious 16.2 [1-5.36], ineutropilis (J. 66-2-30.5), hymogenycet 3.0 (2.8-27.3), monocytes 0.09 (0.8-2.8), estimophilis 0.01 (0.8-2.0), Nrt 134-4 (80-55) and freemoglobin 3.0 (8-8-17.1). The control of the control of th</th><th>Pug</th><th>2</th><th>2.4.1 Dose Unknown 1. Animal (3 Dosy) 0.50/12/0.50 (2015) eMP-1. BR-Glucos 40% w/s Solution for Injection - 1. N/A.N/A. 2.4.1 Dose Unknown 1. Animal-Robert 1. N/A.N/A. 2.4.1 Dose Unknown 1. Animal-Robert 1. Dose Unknown 1. Animal-Robert 1. Dose Unknown 1. Animal (2017) 2018 - Breatherist India (2017) 2018 - Breatheri</th><th>21 - Inconclusive</th><th>NCA agrees with MAH assessment</th></br:></br:></br:></br:></br:></br:>	wn, R> RN BR> 	Lymphopenia, Neutropenia, Diarrho ea, Vontific (Rata), Death In appear excognition from the Congreted much poor exception for the Congreted much poor exception for the Control for the Congreta for the Congreta for the Control for the Congreta f	Not Known	Suspected Adverse Reaction On 3 Jan 2018, dog was vaccinated with Nobivac DIPP and Nobivac L4. A microchip was also implanted. Flea and worm treatment was dispersed (unknown product) but was not administered. Yet reported that the dog had vomited on Jan 2018 and had passed soft stools prior to accination on 3 Jan 2018. On 5 Jan 2018, ever reported the dog was lethange, inappetent, was vomiting and had gene distribuse. Tested with Cereins and pro-Tolicito paste. On Jan 2018, ver reported the dog was worse, microsus membranes were pale brown, had a temperature of 403 degree Can had retroma and a head tilt and was very list. Bloods showed albumin 20 [24-66], glucose was low, AP 308 (6-212), amylase 268 (400-500), creationer 27 (55-411), phosphorus 2.32 (0.8-2.06), sould mil 191 (13-60), potessious 16.2 [1-5.36], ineutropilis (J. 66-2-30.5), hymogenycet 3.0 (2.8-27.3), monocytes 0.09 (0.8-2.8), estimophilis 0.01 (0.8-2.0), Nrt 134-4 (80-55) and freemoglobin 3.0 (8-8-17.1). The control of the control of th	Pug	2	2.4.1 Dose Unknown 1. Animal (3 Dosy) 0.50/12/0.50 (2015) eMP-1. BR-Glucos 40% w/s Solution for Injection - 1. N/A.N/A. 2.4.1 Dose Unknown 1. Animal-Robert 1. N/A.N/A. 2.4.1 Dose Unknown 1. Animal-Robert 1. Dose Unknown 1. Animal-Robert 1. Dose Unknown 1. Animal (2017) 2018 - Breatherist India (2017) 2018 - Breatheri	21 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC LA	GBR-MERCIANSO-2018-UK-0024S	United Kingdom	Animal	Canine/dog	5 Year(s)		15/01/2018	1 1	o 28/6	> <br: know="" not=""><br: r="" yes,< ="">>B Know ><br: know="" not=""><br: know="" not=""><br: know="" not=""><br: not<="" td=""><td>R> ii wn, SR> <br< br=""> Not ii wn, <br td="" <=""/><td>Hyperphophatemia, Elevated SUBL/Elevated craiming, Abormal utrasound finding, Elevated cholesterol (Itaal), Elevated cholesterol (Itaal), Elevated protein-creatinine ratio, Elevated doubterol and advanced control and another protein creatinine ratio, Elevated disorder location and advanced control and another protein creating control and another protein control another protein and another protein another protei</td><td>Not Known</td><td>Supercial Adverse Reaction in 2015, dog started incruin 1 mg (two tablets daily) for urethral splinter mechanism incompetence. The dag also has pre-easiting fluidly sizes and receives a renal det (unknown exact details), On 31 ano 2018, dog developed off colour, blood from wuha and was given an antibiotic injection. On 41 ano 218, a nutrisound was performed but no abnormalities were described and was prescribed Clavaseptin tablets. On 10 lan 2018, another ultrasound was performed but no abnormalities were described to the control of the con</td><td>Boxer (German Boxer)</td><td>28.3</td><td>Benefortin Flavour 20 mg Tablets for Noge 1: JAI/AN/A, 24,1 Dose Unknown 1 Animal-RB-21/08/17- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-07/10)/2018/-RBT-CBR-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB</td><td>io assessment erformed</td><td></td></br<></td></br:></br:></br:></br:></br:></br:>	R> ii wn, SR> <br< br=""> Not ii wn, <br td="" <=""/><td>Hyperphophatemia, Elevated SUBL/Elevated craiming, Abormal utrasound finding, Elevated cholesterol (Itaal), Elevated cholesterol (Itaal), Elevated protein-creatinine ratio, Elevated doubterol and advanced control and another protein creatinine ratio, Elevated disorder location and advanced control and another protein creating control and another protein control another protein and another protein another protei</td><td>Not Known</td><td>Supercial Adverse Reaction in 2015, dog started incruin 1 mg (two tablets daily) for urethral splinter mechanism incompetence. The dag also has pre-easiting fluidly sizes and receives a renal det (unknown exact details), On 31 ano 2018, dog developed off colour, blood from wuha and was given an antibiotic injection. On 41 ano 218, a nutrisound was performed but no abnormalities were described and was prescribed Clavaseptin tablets. On 10 lan 2018, another ultrasound was performed but no abnormalities were described to the control of the con</td><td>Boxer (German Boxer)</td><td>28.3</td><td>Benefortin Flavour 20 mg Tablets for Noge 1: JAI/AN/A, 24,1 Dose Unknown 1 Animal-RB-21/08/17- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-07/10)/2018/-RBT-CBR-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB</td><td>io assessment erformed</td><td></td></br<>	Hyperphophatemia, Elevated SUBL/Elevated craiming, Abormal utrasound finding, Elevated cholesterol (Itaal), Elevated cholesterol (Itaal), Elevated protein-creatinine ratio, Elevated doubterol and advanced control and another protein creatinine ratio, Elevated disorder location and advanced control and another protein creating control and another protein control another protein and another protein another protei	Not Known	Supercial Adverse Reaction in 2015, dog started incruin 1 mg (two tablets daily) for urethral splinter mechanism incompetence. The dag also has pre-easiting fluidly sizes and receives a renal det (unknown exact details), On 31 ano 2018, dog developed off colour, blood from wuha and was given an antibiotic injection. On 41 ano 218, a nutrisound was performed but no abnormalities were described and was prescribed Clavaseptin tablets. On 10 lan 2018, another ultrasound was performed but no abnormalities were described to the control of the con	Boxer (German Boxer)	28.3	Benefortin Flavour 20 mg Tablets for Noge 1: JAI/AN/A, 24,1 Dose Unknown 1 Animal-RB-21/08/17- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-27/11/2017)-RBT-CBR-Clavaseptin unidentified - 1/AN/A/A, 24,1 Dose Unknown 1 Animal-RB-13/06/15- treatment start date (PI/A-07/10)/2018/-RBT-CBR-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB-CRB	io assessment erformed	
	GBR-MERCIMSD-2018-UK-00268	United Kingdom	Animal	Canine/dog	9 Week(s)	04/10/2017	07/02/2018	1 1	0 06/2	> <br: Yes,<i R><bi Know ><br:< td=""><td> <b s<="" td=""><td>Comeal disorder NOS Corneal Code Code Code Code Code Code Code Code</td><td>Not Known</td><td>Sepected Adverse Reaction On A CH 2017, puppy vescriageted with first Noblex CIPE and Noblex LI, dictically well at Intelligent or Vaccination. On B CH 2017, puppy years (like the developed or like the developed colouriess. On 7 DCt 2017, the puppy was presented to the veterinary practice and was given Mastero leve drops, no 17 DCt 2017, puppy presented at a specialist for an complete eye examination and during the examination - profound corneal oedema in left eye and due to endothelitis (inflammation of corneal endothelitim), suspected as secondary to an adverse vaccine reaction. Continued Masterol eye drops. Blood tests were performed but have not been provided. On 6 Dec 2017, follow up examination with the specialist states clouding in left the yest lip exempt he eye in non-visual but comfortable and has some light perception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the eye exception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the continued of the provided of the continued of the c</td><td>Bearded Collie</td><td>Known</td><td>Indextral 200 mg - 25 mg Spot-on Solution for Medium Dosp- 1,NIA.NJA. 24.1 Dose Unknown 1 Ammia (GM/10/2017)- A81-Dose Unknown 1 Ammia (GM/10/2017)- GR-OR-Dose Ober COM/10/2017)- GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-DOSE OBER-OR-DOSE OBER-</td><td>- Possible</td><td>NCA agrees with MAH assessment.</td></td></br:<></bi </i </br: 	 <b s<="" td=""><td>Comeal disorder NOS Corneal Code Code Code Code Code Code Code Code</td><td>Not Known</td><td>Sepected Adverse Reaction On A CH 2017, puppy vescriageted with first Noblex CIPE and Noblex LI, dictically well at Intelligent or Vaccination. On B CH 2017, puppy years (like the developed or like the developed colouriess. On 7 DCt 2017, the puppy was presented to the veterinary practice and was given Mastero leve drops, no 17 DCt 2017, puppy presented at a specialist for an complete eye examination and during the examination - profound corneal oedema in left eye and due to endothelitis (inflammation of corneal endothelitim), suspected as secondary to an adverse vaccine reaction. Continued Masterol eye drops. Blood tests were performed but have not been provided. On 6 Dec 2017, follow up examination with the specialist states clouding in left the yest lip exempt he eye in non-visual but comfortable and has some light perception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the eye exception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the continued of the provided of the continued of the c</td><td>Bearded Collie</td><td>Known</td><td>Indextral 200 mg - 25 mg Spot-on Solution for Medium Dosp- 1,NIA.NJA. 24.1 Dose Unknown 1 Ammia (GM/10/2017)- A81-Dose Unknown 1 Ammia (GM/10/2017)- GR-OR-Dose Ober COM/10/2017)- GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-DOSE OBER-OR-DOSE OBER-</td><td>- Possible</td><td>NCA agrees with MAH assessment.</td>	Comeal disorder NOS Corneal Code Code Code Code Code Code Code Code	Not Known	Sepected Adverse Reaction On A CH 2017, puppy vescriageted with first Noblex CIPE and Noblex LI, dictically well at Intelligent or Vaccination. On B CH 2017, puppy years (like the developed or like the developed colouriess. On 7 DCt 2017, the puppy was presented to the veterinary practice and was given Mastero leve drops, no 17 DCt 2017, puppy presented at a specialist for an complete eye examination and during the examination - profound corneal oedema in left eye and due to endothelitis (inflammation of corneal endothelitim), suspected as secondary to an adverse vaccine reaction. Continued Masterol eye drops. Blood tests were performed but have not been provided. On 6 Dec 2017, follow up examination with the specialist states clouding in left the yest lip exempt he eye in non-visual but comfortable and has some light perception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the eye exception. Continued Masterol eye drops. On 8 Ian 2018, the puppy was presented to the continued of the provided of the continued of the c	Bearded Collie	Known	Indextral 200 mg - 25 mg Spot-on Solution for Medium Dosp- 1,NIA.NJA. 24.1 Dose Unknown 1 Ammia (GM/10/2017)- A81-Dose Unknown 1 Ammia (GM/10/2017)- GR-OR-Dose Ober COM/10/2017)- GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-Dose GR-OR-Dose Ober COM/10/2017- GR-OR-DOSE OBER-OR-DOSE OBER-	- Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2018-UK-00293	United Kingdom	Animal	Canine/dog	8 Month(s)	27/12/2017	12/01/2018	1 1	1 10/0		 <b i<br="">BR> Not i wn	Hypersalivation,Found dead,Lethargy (see also Central nervous system depression in "Neurological")	Not Known	information expected. Suspected Adverse Reaction On 27 Dec 2017, dog was vaccinated with Noblvac DHP and Noblvac L4 and was reported as clinically well at the time of vaccination. No reaction occurred. On 10 Jan 2018, dog was vaccinated with Noblvac DHP and was reported as clinically well at the time of vaccination. Owner reported that on the car journey home from the vets the dog was hypersalhvating (estimate 15 minutes after product administration) and this continued for the afternoon. Owner also reported the dog was lethangic that day, On 11 Jan 2018, owner fed the dog a cocktail sausage in the moning which she at end swildowed normally. On gle alseep and one hour later owner found the dog dead. No post mortem has been performed. No further information expected.	German Spitz - Pomeranian	0.88	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (10/01/2018- 10/01/2018)-BR>-BR>-Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A,10,1 ml Unknown 1 Animal (27/12/2017 - 27/12/2017)-BR> 	4 - Unlikely	NCA agrees with MAH assessment.

NOBIVAC L	GBR-MERCKMSD-2018-UK-00325	United Kingdom	Animal	Canine/dog	8 Week(s)	19/12/2017	15/01/2018	1 1	0 20,	/12/2017	Yes, <b R> >BR>Yes</b 	Anaemia NOS,Neutrophilia,Hypocalcaemic	No Data	Suspected adverse reaction. Vaccinated with Nobivac DHP and Nobivac L4 on 19 Dec 2017. Following day lethargic, quiet, moving slowly and loose motions (faeces). Bloods: Glucose 1.8 mmol/ml	German Spitz - Pomeranian	0.91	Nobivac DHP - 1,N/A,N/A,24,1 Dose 1 Animal (19/12/2017- 19/12/2017) BR>Nobivac L4	B - Possible	NCA agrees with MAH assessment.
												condition,Lethargy (see also Central nervous system depression in 'Neurologicar'),Listless,Ahnormal test result,Loose bowel,Hypoalbuminaemia,Hypogly aemia,Hypoproteinaemia,Hyperpho sphataemia,Decreased cholesterol (total),Reduced globulins	-	(unknown range). Mild Ansemis; Neutrophils 17 (2-9.1-1.6); Total Protein 39 (54-75); (low Albumin 20 (26-38); Globulin 19 (28-47); Creatines 4. 64 (4-14.9); Chosebarro 27 (3.2-6.2); Prospite 2.3 (80-14.6); Chosebarro 27 (3.2-6.2); Prospite 2.3 (80-14.6); Chosebarro 27 (3.2-6.2); Prospite 2.3 (80-14.6); Chosebarro 27 (30-14.6); Prospite 2.3 (80-14.6); Chosebarro 27 (30-14.6); Prospite 2.3 (80-14.6); Chosebarro 27 (30-14.6); Prospite 2.3 (80-14.6); Prospite 2.			19/12/2017/888-888900096 14 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (19/12/2017-19/12/2017) BR>		
NOBIVAC L	GBR-MERCKMSD-2018-UK-00337	United Kingdom	Animal	Canine/dog	11 Week(s)	06/12/2017	18/01/2018	1 1	0 08,	/12/2017	Yes, <b R> Yes</b 	Diarrhoea, Myopathy, Muscle tremor, Trembling, Inappetence, Wea	No Data	Suspected Adverse Reaction On the 6 December 2017, the dog was clinically well and was given Nobivac DHP and Nobivac L4. On the 11 December 2017, the dog was presented with diarrhoea, off	Crossbred	5.4	Nobivac DHP - 1,N/A,N/A ,10,1 ml Unknown 1 Animal (06/12/2017-	B - Possible	NCA agrees with MAH assessment - product involvement is possible.
												kness,Reluctant to move Abnormal test result,Stiffness limb,Gait abnormality,Elevated AST,Elevated creatine-kinase (CK)		food, weak and trembling. The owner reported that the signs started at home on the 8 December 2017. The both the diarnhose started on the 10 December 2017. The store for the gastor includes a given. On the 12 December 2017, the body temperature = 38.5 degree Celsus but no improvement was seen, treatment with Metacan and syntion injections was also. On the 13 December 2017, the dog had muscle weakness and body temperature = 37.5 degree Celsus. The dog was referred to a vet hospital. On examination the dog appeared reluctant to move and had gait abnormally in association with prolonged activity which eventually resulted in voluntary collags. The gait was characterized by stiffness and muscular termon. These is closurs were confined not be neuromuscular system. Blood tests revealed elevated A57 and creatinine (data not given), all other values were within normal range (data not given), all other values were within normal range (data not given), all other values were within normal range (data not given).			06/12/2017/-BR>-BR>-Noblyac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (06/12/2017- 06/12/2017)-BR>>BR>		
														myopathy or a nutritional/metabolic myopathy was suspected. Treatment with Athioait nutritional supplement was given. The dog was discharge from the hospital 18 December 2017. On the 5 January 2018, the dog was re-examined and appeared improved, able to do moter running and walking but not completely recovered. No neurological disorder was detected; thematology and urinalysis were unremarkable (no data given), the blochemistry showed CK = 469 U/I (range lower 118). No more information expected.					
NOBIVAC L	GBR-MERCKMSD-2018-UK-00374	United Kingdom	Animal	Canine/dog	10 Year(s)	08/11/2017	16/01/2018	1 1	1 14,	/11/2017	R> >Not Known	Anaemia NOS,Leucopenia, Pale mucous membrane, Vomiting Hypocalaemi c condition, Renal disorder NOS,Death by euthnasia, Inappetence, Lack of efficacy, Weight loss, Prostatic disorder NOS,Dehyatation, Dily mucous membrane, Jincoded disorder NOS,Dehyatation, Dily mucous membrane, Jincoded annia, Bilodo in in Hypory (Lack annia, Bilodo in India, Hypory (Lack annia, Hypory (Lack a	Not Known	Sappected Aleverse Reaction & Suppected Lack of Espected Efficacy On 8 Nov 2017, dog vaccinated with Nobines Ct. Individually well at time of vaccination. On 14 Nov 2017, dog vorsited couple of times and then resolved. On 15 Nov 2017, the dog became inappetant. Presented for an examination, was as title nervious and fifted to bases but no abnormalistics on finical exam. Blood tests performed: Al-9724 (12-38), Urea 46.6 (1.70-7.40), Creatinine 459 (20-124), Prosphorus 3.22 (7-2.10), glucose 6.4 (7-6.30), An utrasound was performed: Given dright kindery medical hyperechoic, marked contrast in echogenicity between cortex and medulla, reduction in visibility of renal medulla structure. Our unfaish stowed blood and marked protein. Given Cereina and some infravenous that therapy. On 15 Nov 2017, was discharged as well in self and eating: given Duphamora and entravenous that therapy. On 15 Nov 2017, blood tests performed again: Al-92 52 (12-33), Ures 45.4 (17-7.4), Creatinine 405 (12-13) and phosphorus 1-29 (0.7-2.1), the dog went to emergency practice and continued and continued the contrast of the contrast	Flat-coated Retriever	43.9	Nobina KC - 4.N/A,N/A, 10.0.4 ml 1 Amima (08/11/2017)-681-12000 hug 10 68/11/2017/688-88-Nobina L 4 Supension for injection for Dogs - 1.N/A,N/A, 10.1 ml 1 Animal (08/11/2017-08/11/2017)-68R>-68R>-	B - Possible	There may be SLEE as the lipstopsian organisms was found on hestings by await the MM for confirmation. Many symptoms such as vomiting, renal depfunction indirect to possible fleesopprosits infection or concurrent mycoplasma infection. Penis mass not linked to vaccination.
NOBIVAC L	GBR-MERCKWSD-2018-UK-00379	United Kingdom	Animal	Canine/dog	10.5 Year(s)	18/12/2017	12/03/2018	1 1	0 02,	/01/2018	> Not Known, <br< td=""><td>Pain NDS, Lethargy (see also Central nervous system depression in Neurological'), Refuctant to move-Pyresia, Lack of efficacy, Abnormal test result, Stiffness NDS, Hyposibuminaemia, Proteinuri a, Jahaking, Hyperbosphataemia, Ele vated SAP, Inversion of albumin/globulin ratio, Billivolinuria, Abnormal red blood cell, Trene murcles, Elevated cholesterol (total), Arched back, Thoracic, catvity disorder NDS, Monocytosis, Elevated ritylycerdie, Elevated protein, creatinier ratio, Elevated NDS, Monocytosis, Lymphopenia, Monos, Levatory, Elevator, Hymphopenia, Monos, Levatory, Elevator, Hymphopenia, Monocytosis, Publicatinier, Publicatinier, Monocytosis, Publicatinier, Publicatinier, Publicatinier, Monocytosis, Publicatinier, Publicat</td><td>Not Known</td><td>Suppercial Adverse Reaction / Suppercial Lack of Espectad Efficacy On 18 Dec 2017, Gog was vaccinated with Nobuse L and was reported as clinically well at the time of vaccination. Dog has not had this product in the past. The dog is reported to have had Legio 2 vaccinations in 2016, but no details were given. On 2 Jan 2018, owner reported dog was acutely lame on the left forelimb after running in the garden and was stiff and shaking and reluctant to climb the stains. Ver reported rene lumbar musculature and an arched back. Treated with Meloscal. On 5.1an 2018, owner reported the dog was intermittently lame on the left forelimb after was developed in the stains. Ver reported mid disconfior on hypercentation of the left shoulder. X-rays were unremarkable. Treated with Meloscal. On 5.1an 2018, over reported with disconflor on hypercentation of the left shoulder. X-rays were unremarkable. Treated with Partiale V and continued Meloscal. On 9.1an 2018, over reported with disconflor and the production of the left shoulder. X-rays were unremarkable. Treated with Partiale V and continued Meloscal. On 9.1an 2018, over reported with disconfloring an orexic, statisc, was stiff, shaking and had increased pain on the left forelimb. Bloods showed creatines 25 (2016.) Jal, Dumin 2018, over 12.1, Wor 22.99 17.5.1.3, Butmin 2018, 2016. On 15.3. A Butming doublin ratio 0.15 of 10.5.1.3, A Legion /td><td>English Cocker Spaniel</td><td></td><td>Cerenia unidentified - 1,1/k,N/A 24,1 Dose Unknown 1 Animal (N/A- N/A)-RB-C-BR-C-Gmfortan 10 mg/ml, Solution for Injection for Dogs and Cats - 1,1/k,N/A, 24,1 Dose Unknown 1 Animal (N/A- N/A-RB-C-BR-Medoxaid 1.5 mg/ml Oral Suspension for Dogs - 1,1/k,N/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 2,0,1 ml Unknown 1 Animal (18/12/2017-18/12-2017-18/12/2017)-RB-C-BR-Pardale-V Oral Tables 1-1,1/k/A/A, 24,1 Dose Unknown 1 Animal (N/A-</td><td>B - Possible</td><td>NCA agrees with the MAH assessment, Await MAT results</td></br<>	Pain NDS, Lethargy (see also Central nervous system depression in Neurological'), Refuctant to move-Pyresia, Lack of efficacy, Abnormal test result, Stiffness NDS, Hyposibuminaemia, Proteinuri a, Jahaking, Hyperbosphataemia, Ele vated SAP, Inversion of albumin/globulin ratio, Billivolinuria, Abnormal red blood cell, Trene murcles, Elevated cholesterol (total), Arched back, Thoracic, catvity disorder NDS, Monocytosis, Elevated ritylycerdie, Elevated protein, creatinier ratio, Elevated NDS, Monocytosis, Lymphopenia, Monos, Levatory, Elevator, Hymphopenia, Monos, Levatory, Elevator, Hymphopenia, Monocytosis, Publicatinier, Publicatinier, Monocytosis, Publicatinier, Publicatinier, Publicatinier, Monocytosis, Publicatinier, Publicat	Not Known	Suppercial Adverse Reaction / Suppercial Lack of Espectad Efficacy On 18 Dec 2017, Gog was vaccinated with Nobuse L and was reported as clinically well at the time of vaccination. Dog has not had this product in the past. The dog is reported to have had Legio 2 vaccinations in 2016, but no details were given. On 2 Jan 2018, owner reported dog was acutely lame on the left forelimb after running in the garden and was stiff and shaking and reluctant to climb the stains. Ver reported rene lumbar musculature and an arched back. Treated with Meloscal. On 5.1an 2018, owner reported the dog was intermittently lame on the left forelimb after was developed in the stains. Ver reported mid disconfior on hypercentation of the left shoulder. X-rays were unremarkable. Treated with Meloscal. On 5.1an 2018, over reported with disconflor on hypercentation of the left shoulder. X-rays were unremarkable. Treated with Partiale V and continued Meloscal. On 9.1an 2018, over reported with disconflor and the production of the left shoulder. X-rays were unremarkable. Treated with Partiale V and continued Meloscal. On 9.1an 2018, over reported with disconfloring an orexic, statisc, was stiff, shaking and had increased pain on the left forelimb. Bloods showed creatines 25 (2016.) Jal, Dumin 2018, over 12.1, Wor 22.99 17.5.1.3, Butmin 2018, 2016. On 15.3. A Butming doublin ratio 0.15 of 10.5.1.3, A Legion	English Cocker Spaniel		Cerenia unidentified - 1,1/k,N/A 24,1 Dose Unknown 1 Animal (N/A- N/A)-RB-C-BR-C-Gmfortan 10 mg/ml, Solution for Injection for Dogs and Cats - 1,1/k,N/A, 24,1 Dose Unknown 1 Animal (N/A- N/A-RB-C-BR-Medoxaid 1.5 mg/ml Oral Suspension for Dogs - 1,1/k,N/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 24,1 Dose Unknown 1 Animal (B.Dwg) (20/12/1028- 1,1/k/A/A, 2,0,1 ml Unknown 1 Animal (18/12/2017-18/12-2017-18/12/2017)-RB-C-BR-Pardale-V Oral Tables 1-1,1/k/A/A, 24,1 Dose Unknown 1 Animal (N/A-	B - Possible	NCA agrees with the MAH assessment, Await MAT results

NOBIVAC L4	GBR-MERCKMSD-2018-UK-00383	United Kingdom	Animal	Canine/dog	3 Month(s)	11/01/2018	05/02/2018	1	1	14/01/2018		Elevated ALT, Elevated SAP, Abnormal radiograph infining, Abnormal radiograph infining, Abnormal radiograph infining, Abnormal radiograph infining, Abnormal radiograph infining, Abnormal infining, Ab	Other	Suspected Adverse Reaction On 11 Ian 2018, puppy vaccinated with second dose of Nobivoc DHP and Nobivoc LQ, on clinical exam owner reported was still having havemornhagic loose stools (extra label) with the control of the control o	d 5 5 (8)	6.5	Nobivac DHP - 1,N/A.N/A,10,1 ml 1 Animal [1/01/2018- 11/01/2018-Re-Broblovac L4 Supersion for Injection for Degs - 1,N/A/M,A (2) ml 1 Animal [11/01/2018-11/01/2018]-BRBR-	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC 14	GBR-MERCKWSD-2018-UK-00403	United Kingdom	Animal	Canine/dog	4 Month(s)	01/11/2017	05/03/2018	1	. 0	02/11/2017	Known,
 <b Yes, Not</b </br 	Cough_tetrapy (se a lot Central memous system depression in Neurological Listless, Pyresis, Low weight gish_Lug sound, Neurological Listless, Pyresis, Low weight gish_Lug sound, Neurological Listless, Pyresis, Low weight gish_Lug sound, Neurological Listless, Pyresis, Low Neurological sound, Neurological Listless, Pyresis, Pyresis, Low Neurological lampinglosh, Decreased red blood lampinglosh, Decreased lam	Not Known	Sispected adverse reaction. Vaccinated with Nobius KIS and Nobius CI Son the 1 Nov 2017. A Novular starfard conjugin. Examined on the 21 Dec 2017. Politic Place 1 Annual Place 2 Dec 2017. Politic Place 1 Annual Place 2 Dec 2017. Politic Place 2 Dec 201	Pomeranian n,	2.2	Loxicon unidentified - I.N.A.N/A 24.1 Dose Uniown 1 Aeimal (N/A- N/A)-BBS-BB-Nobbec K2 1.N/AN/A 24.1 Dose Not applicable 1.Aeimal (0/11/2017- 0/11/2017-BBS-BB-Nobbec K2 5.appearloon for injection for Dogs - 1.N/AN/A 24.1 Dose Not applicable 1.Aeimal (0/11/2017-BBS-BB-Nobbec L4 5.appearloon for injection for Dogs - 1.N/AN/A 24.1 Dose Not applicable 1.Aeimal (0/11/2017-BBS-BB-Nobbock) 1.Aeimal (0/11/2017-BBS-BB-Nobbock) 1.N/AN/A 24.1 Dose 1.N/AN/A 24.1 Dose 1.N/AN/A BS-dBR-Nobbock 1.	O1 - Inconclusive	NCA agrees with MAH assessment.
	GBR-MERCKWISD-2018-UK-00414	United Kingdom	Animal	Canine/dog	5.8 Year(s)	08/07/2015	18/01/2018	1 :	0	01/08/2015	Not Chown, GBS-GB /- GBS-G	Väscultik Emelis Alopecia localiskin sovor, Cnicaliskin Sovor, Sovo	Not Known	supported Adjeres Reaction in 2012 (exact date unknown), the dog was sociated with Nobbus Alaskies in 2015 (send date unknown), the dog was vorcinated with Nobbus Calkas and Nobbus LA Approximately 3 weeks later the dog was presented with scals on the pinnae. Treatment with Isadem was given and improvement was noticed, approximately an emoth after this (exact date unknown), the dog was presented with scals on his tail. Treatment with Isadem was continued but the lesions later or sepond. Treatment with Pentadrilli was a given but the lesions were never really controlled to the 2D pecember 2018, the dog was started with Predistolone and recently (exact date unknown), is all fip was amounted. Now (time when the case was reported) the dog is of all mideciation. No more information expected. Follow up 24 Jan 2018 Clinical History receiver, On 20 Jul 2012, dog was circulated with Nobbus Calke and no reaction occurred. On 18 Jul 2014, dog was succinated with Nobbus C La and variety of the control occurred. On 18 Jul 2014, dog was succinated with Nobbus C La and reaction occurred. On 19 Aug 2014, dog was dispensed a Bravecto 250mg tablet (unknown date of accination. On 1 Aug 2015, deep the control occurred. On 3 Bul 2014, dog was seccinated with Nobbus C La and reaction occurred. On 19 Aug 2014, dog was dispensed a Bravecto 250mg tablet (unknown date of accination. On 1 Aug 2015, very protect the dog had blateral scabbing on the ear pinnae. Treated with Isadem. On 1 Sp. 2015, very reported the dog had blateral scabbing on the ear pinnae. Treated with Isadem. On 1 Sp. 2015, very reported the ears had resolved and when weed systaks and alsopects on the tail tip, which was tender. Treated with Isadem and Metacam and Clearspot sport on 18th was continued and started treatment with Predistolone. On A Mar 2016, series treatment ceichmania was negative. On 9 May 2016, were reported the lail and increased alsopecis, thirning at the tip or deep the counter of the counter with Predistorione. On A Mar 2016,	s :	Not Known	Someto 250 mg. Chewabis Tablets (or Dogs - 200, MA) A. 3,250 mg. (urknown 1 Animal (03,06/2014-02/6/2014-0	O1 - Inconclusive	NCA agrees with with the MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00425	United Kingdom	Animal	Canine/dog	2 Year(s)	19/01/2018	21/02/2018	3 1	o o	19/01/2018	Yes, <b< td=""><td>Diarrhoea, Vomiting, Anaphylaxis, Jry pocal caemic condition, Ataxia, Recumbency, Colla pee (see also 'Cardio-vascular' and Systemic Guideline, Systemic Guideline, Systemic Guideline, Systemic Syste</td><td>No Data</td><td>species plant visions, person let minor Court 2014 United With Court 19 Jan 2015. Within 1 hour, wobbly, breathing beavily and then collapsed. Voimited white foam and bile. Pole mucous membranes. Treated with 17 fluids, Steeding, Cerella, Ovagen thereps, variend as temperature 37.4 largeres. Note: no loss of consciousness, just very flat. Await more information. Follow up 23 Jan 2015. The properties of the properties of the glob and committies and deliments and was suff. Treated with 154. This 21 De 19, Urse 44.1 IL 2-74. Creations 255 (De 124), phosphoras 259 (De 13.8), places 27. This 22 (De 19, Urse 44.1 IL 2-74. Creations 255 (De 124), phosphoras 259 (De 13.8), places 27. See Jackelium 21.72 (2-3.0), escalegible 4, 00.1 1.5), MCC 18 (De 10.8.5), and plates 69 (De 20.9.) Supportive treatment glown from derails supplied, await further information. Follow up 25 Jan 2018. Jackelium 21.72 (Person 19.8.1), and the contraction of the contracti</td><td>o- I</td><td>8</td><td>Antibiotic Unidentified - 1,N/A,N/A 2,4.1 Dose 1 Animal (D/A , N/A,BRS-RBS-Ceremia unidentified - 1,N/A,N/A,24.1 Dose Uninown 1 ,N/A,N/A,24.1 Dose Uninown 1 ,Ammal (D/A,N/A),24.1 Dose Uninown 1 ,Ammal (D/A,N/A), 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,N/A,M/A, 10,1 ml Unino</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></b<>	Diarrhoea, Vomiting, Anaphylaxis, Jry pocal caemic condition, Ataxia, Recumbency, Colla pee (see also 'Cardio-vascular' and Systemic Guideline, Systemic Guideline, Systemic Guideline, Systemic Syste	No Data	species plant visions, person let minor Court 2014 United With Court 19 Jan 2015. Within 1 hour, wobbly, breathing beavily and then collapsed. Voimited white foam and bile. Pole mucous membranes. Treated with 17 fluids, Steeding, Cerella, Ovagen thereps, variend as temperature 37.4 largeres. Note: no loss of consciousness, just very flat. Await more information. Follow up 23 Jan 2015. The properties of the properties of the glob and committies and deliments and was suff. Treated with 154. This 21 De 19, Urse 44.1 IL 2-74. Creations 255 (De 124), phosphoras 259 (De 13.8), places 27. This 22 (De 19, Urse 44.1 IL 2-74. Creations 255 (De 124), phosphoras 259 (De 13.8), places 27. See Jackelium 21.72 (2-3.0), escalegible 4, 00.1 1.5), MCC 18 (De 10.8.5), and plates 69 (De 20.9.) Supportive treatment glown from derails supplied, await further information. Follow up 25 Jan 2018. Jackelium 21.72 (Person 19.8.1), and the contraction of the contracti	o- I	8	Antibiotic Unidentified - 1,N/A,N/A 2,4.1 Dose 1 Animal (D/A , N/A,BRS-RBS-Ceremia unidentified - 1,N/A,N/A,24.1 Dose Uninown 1 ,N/A,N/A,24.1 Dose Uninown 1 ,Ammal (D/A,N/A),24.1 Dose Uninown 1 ,Ammal (D/A,N/A), 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,Ammal (15),01,2018-BBN-CBS-Nabbox L4 Suppension for injection for Dogs - 1,N/A,N/A, 10,1 ml Uninown 1 ,N/A,M/A, 10,1 ml Unino	B - Possible	NCA agrees with MAH assessment

NORIVAC 14	GBR-MERCKMSD-2018-UK-00471	United	Animal	Canine/dog	8 Week(s)	04/01/2018	20/02/2018	1 1	1 04/	01/2018	Not	Meningitis, Seizure NOS, Unable to	Not	Suspected Adverse Reaction On 4 Jan 2018, puppy vaccinated at 8 weeks of age with Nobiyac DHP and Beagle	7.80	Cerenia unidentified - N/A,N/A,N/A	B - Possible	NCA agrees with MAH assessment
NORTH LI	Servini Kolondor 2020 N. Ober 2	Kingdom	Autod	Caminytog	o weeks)	04/04/2018	20,02,008))))	>-BR->-BR->BR->BR->BR->BR->BR->BR->BR->B	renengius, escale insciplination, passan, witchis and filosofieration of passan, witchis and filosofieration of passan, witchis and filosofieration of passan, witchis and passan, or congestion of plantons of control passan, or congestion of passan and passan of certain enerous system depression in Neurological Juhoromal menace reflect est. Repplanton global pupils lyposibumineemia, lypergli osund, Alboromal lectraemia, Johopergli osunda pupils lyposibumineemia, Jepergli osphatuemia, Elevated SA-Abnormal radiograph finding, Abnormal necropsy finding, Decreased packed ecil volume (PCV) fault for monose, Allosomia. MOS, Lesucocytosis, Lymphaderopat hy-Jelia muoose. Allosomia filosofica distribution of the passan desiration of the passan de	Known	Solution 2.6 of Control and European Control European Co	4.00	As Justicover Uniform 1 Avrimal (PU/A) (PU/A	u - russiule	non agrees with more assessment
NOBIVAC L4	GBR-MERCIONSD-2018-UK-00472	United Kingdom	Animal	Canine/dog	12 Year(s)	17/01/2018	22/01/2018	1 1	1 17/	P P P P P P P P P P P P P P P P P P P	R>BR>BR>Not Known, BR>BR >BR>BR>BR> Not Known, BR>BR >BR>BR>BR> Not Known, BR>BR>BR>	Collapse (see also 'Curdio-vascular' and 'Satemic and 'Satemic and 'Satemic and 'Satemic alsorders'). Parting Death by elements ask, et also parting and the control and contr	Not Known	Sispected Adverse Reaction On 15 Ian 2017, day was vaccinated with Noblack L8 and Noblack C8 and Crephoun on reaction occurred in New 2017 Noble of test showed and NES (56) (2010 On 12 has 2018, day as waccinated with Noblack L8 and Noblack CE. Dag was also given Nutracain prior to the appointment eleminate Johnson Certification of the Noblack CE. Dag was also given Nutracain prior to the appointment eleminate Johnson Certification of the was difficult to handle and vet reported at the time of vaccination that the dag was parting a lot. Four hours later the owner reported that the dag was parting and workly. Owner felt it was due to the Nutracain. On 18.18 no 2018, owner reported the dog did not want to eat or go for a walk. On 19 Ian 2018, vet reported the dog was not eating, lethangic, had crackles over the right hand side of the lung fields, Lady nursuum membranes and temperature was 10.3 4 degrees F. Treated with Melookcam and Amony-Clav. On 20 Ian 2018, vet reported dog had earles an small amount, had a temperature of 10.3 degrees F. was hyperproceic and degreeing more. Treated with Melookcam, Amony-Clav and paracetamol. On 21 Ian 2018, dog was seen by an out of hourses with or reported plundice, collapse and hepatomegaly on abdominal palapston. Owners deterilined investigation and dog was euthanssed. No post mortem has been performed. No further riformation expected.	nd 29.:	leobius KF - AJNANA, 10.0.4 irul Unknown 1 Animul (1701)/2018-187-887-Nobiws L4 Supersion for Injection for Dops - 1JN/AJNA, 10.1 ml Unknown 1 Animul 1701/2018-187-887-Nobiws L4 Supersion for Injection for Dops - 1JN/AJNA, 10.3 ml Unknown 1 Animul 1701/2019-187-91-197-197-197-197-197-197-197-197-197	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00482	United Kingdom	Animal	Canine/dog	8 Week(s)	28/12/2017	22/01/2018	1 1	0 16/	01/2018 Y	Yes, <b R> Not Known</b 	Lack of efficacy (parvovirus)	Not Known	Supported list of efficacy Vaccinated on 28 Dec 2017 with a first dose of Nobiac DIFP and L4, was fit Other and well at the time. Accine was given at the breaders. Then on 16 Jan 2018 the owner regorder If Canine/do that developed foul smalling flexes, haemorthagic diarrhosa and vomiting; It was not eating and was debugged to the control of the cont		Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (28/12/2017- 28/12/2017-88-R8-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (28/12/2017- 28/12/2017)-6BR>-6BR>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2018-UK-00480	United Kingdom	Animal	Canine/dog	4.1 Year(s)	18/01/2018	15/03/2018	3	1 19/	F 0 0 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Yes, <b r="">BR>BR>Not Known, BR>BR>BR>Not Known, BR>Not Known, BR>BR>Not Known, BR>BR>Not Known, BR>BR>Not Known, BR>BR>Not Known, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Hypematrema, Hyperckhoraemus, Astechtosaemus,	No Data	Supported Adverse Reaction On 18 Ian 2018, dog was vaccinated with Nobbac L4. At the time of Continuent workinghous control that the dog has internitated episocies of napopetane and working, On 19 To 21 an Papillon Io 2018, were proported that the dog was internitated episocies of napopetane and working, On 21 an Papillon Io 2018, were proported the dog was non-tenspoine, bandcards, with congested mucosus membranes and erect ears control to 21 an Papillon Io 2018, were proported the dog was non-tenspoine, bandcards, with congested mucosus membranes and erect ears formed to 21 and 21	niel - (with	Gerenia undentfiled: 1 JN/A/N/A 24.1 Dose Ulmonum 1 Animal (N/A- N/A/SBB-28B-Nobivac L8 Suspension for Injection for Dosp- 1 JN/A/N/A 1.0.1 ml Not applicable 1 Animal 18/6/10/210-818-SBB-9mulos unidentfiled: 3 JN/A/N/A 2.4.1 Dose Unknown 1 Animal (N/A- N/A/SBB-28B-Smulos) unidentfiled: 3 JN/A/N/A 2.4.1 Dose Unknown 1 Animal (N/A- 24.1 Dose Unknown 1 Animal (N/A- 24.1 Dose Unknown 1 Animal (N/A- 24.1 Dose) Unkno	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2018-UK-00503	United Kingdom	Animal	Canine/dog	6 Year(s)	24/10/2017	23/01/2018	1 1	1 (09/01/2018	Yes, <b< td=""><td>Bradycardia, Cardiorespiratory arrest, Rectal bleeding, Diarrhosa, Jaemattemesis, Collapse (see also 'Cardio-vascular' and 'Systemic discorders'), Tachypnoea, Death by euthanasia, Decreased boody temperature_Lethargy (see also in 'Neurological'), Laboured breathing, Dehydration, Abnormal test, result_Hypoproteinaemia, Abdomina id. discomfort, Hyperphosphataemia, Elevated BUN, Elevated Caratinice, Elevated ALT, Elevated SAP, General illness, Weak public, Unresponse to stimuli, Increased packed cell volume (PCV)</td><td>No Data</td><td>Superted Adverse Reaction Very limited information. On an unknown data, a dog was given a Bravecto 250mg table (bett) ages applied, unknown if given with food. On an unknown data, vet has reported that the dog became III and blood test showed AIP of 3000. The dog was euthanased. Further information respected. Open case. The owner has another dog which has that all Bravecto 250mg tablest and reacted. Please see limited case 2018-UP-000497. Follow up 24 jan 2018 - Clinical history received. On 24 of 2217, dog was vaccinated with Nobesot Led and Nobbes (K and was reported as fit and well at the time of vaccination. On 7 Dec 2017, dog was treated with Milajantel. On 16 Dec 2017, owner administered as 750mg (arwest) tables to the dog (unknown) (given with flood), only 30m 2018, owner reported the dog but 30m 40m 50m 10m 2018, vit reported the 60m 40m 40m 40m 40m 40m 40m 40m 40m 40m 4</td><td>Crossbred</td><td>6.4.4</td><td>Bravetto 250 mg Chewable Tablets for Dogs - 250/N/A/N a, 325 mg Unknown I Anrimal (16/12/2017-16/12</td><td>N - Unlikely</td><td>NCA agrees with MAH assessment.</td></b<>	Bradycardia, Cardiorespiratory arrest, Rectal bleeding, Diarrhosa, Jaemattemesis, Collapse (see also 'Cardio-vascular' and 'Systemic discorders'), Tachypnoea, Death by euthanasia, Decreased boody temperature_Lethargy (see also in 'Neurological'), Laboured breathing, Dehydration, Abnormal test, result_Hypoproteinaemia, Abdomina id. discomfort, Hyperphosphataemia, Elevated BUN, Elevated Caratinice, Elevated ALT, Elevated SAP, General illness, Weak public, Unresponse to stimuli, Increased packed cell volume (PCV)	No Data	Superted Adverse Reaction Very limited information. On an unknown data, a dog was given a Bravecto 250mg table (bett) ages applied, unknown if given with food. On an unknown data, vet has reported that the dog became III and blood test showed AIP of 3000. The dog was euthanased. Further information respected. Open case. The owner has another dog which has that all Bravecto 250mg tablest and reacted. Please see limited case 2018-UP-000497. Follow up 24 jan 2018 - Clinical history received. On 24 of 2217, dog was vaccinated with Nobesot Led and Nobbes (K and was reported as fit and well at the time of vaccination. On 7 Dec 2017, dog was treated with Milajantel. On 16 Dec 2017, owner administered as 750mg (arwest) tables to the dog (unknown) (given with flood), only 30m 2018, owner reported the dog but 30m 40m 50m 10m 2018, vit reported the 60m 40m 40m 40m 40m 40m 40m 40m 40m 40m 4	Crossbred	6.4.4	Bravetto 250 mg Chewable Tablets for Dogs - 250/N/A/N a, 325 mg Unknown I Anrimal (16/12/2017-16/12	N - Unlikely	NCA agrees with MAH assessment.
	GBR-MERCXMSD-2018-UK-00545	United Kingdom	Animal		5.8 Year(s)		24/01/2018	1 1		23/12/2017	>=BR> Not Known,=BR> >=BR> Yes,=BR>BR> R>=BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Vasculitis, Skin sore Skin lesion NOS,Swelling NOS,Ischaemic necrosis	Not Known	on Terntal (pentoul/fuline) 100 mg three times a day long term. On 19 July 2016, dog was vaccinated with Noblave CPH showback E and no Neschoa K CR and no reaction occurred. On 16 Dec 2016, dog was treated with Advantage spot on monthly n/d/advantage 40 Spot-on Solution for Dogs best guess VMDI. On 7 July 2017, dog was vaccinated with Noblave L and not Noblave K Can dvet reported that the lat lip was harless. On 23 Dec 2017, vet reported the tall was black and necrotic due to vasculitis. Treated with predishoolen and Risiamous and Treatal was continued. On 27 Dec 2017, vet reported the 1at lip was devialised. On 3 Jan 2018, dog had a general anaesthetic and the tall 16 years amputated. Treated with Faracteration On 18 Jan 2018, vet reported the 1at lip was sovient and treffice. Continued predisioshon, Trental and Prancetamol. No further information expected. The dog developed vasculists of the all pafer vaccination with Noblwac L4 and Noblava Rables in 2015, please see linked case 2018-UK-0014.	Jack Russell Terrier	Not Known	Aloxinage 40 Sport on Solution for Dogs - 1N/AJ. 24.1 Dose 1 Month 1 Jones 1 J	O1 - inconclusive	NCA does not agree with MAH: the pre-oxisting tall tip vasculits developed after vaccination with holbanc La and holbanc false on the previous occasion in 2015, please see linked case 2018-10/C0014. For this case the temporal relation was 3 weeks, which is a reasonable temporal relation. These signs are not expected following vaccination, but do to important relation product involvement cannot be excluded.
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00567	United Kingdom	Animal	Canine/dog	10 Year(s)	04/10/2017	25/01/2018	1 1	1	06/11/2017	Yes, <b R>BR> Fes, BR> Not Known</b 	Hypoalbuminaemia, Abnormal test result, Inappetence, Death Hypocalc aemic condition, Vomiting, Melaena, Hypop hosphataemia, Elevated amylase, Pancreatitis, Elevated BUN, Elevated BUN, Elevated SAP, Hypokalaemia, Elevated Iipase	No Data	Suspected adverse reaction. Vaccinated with Nobinac DPP and Nobinac L do n 4 Oct 2017. Clinically well at the time of vaccination. Ongoing bistory of pacersatins and treatment with Omeparable. Presented to vets on 6 Nov 2017, vomiting and off food. Hospitalised for supportive care. Radiographs taken (Barimi) - nothing abnormal detected. Bloods: ABUMIN 12 (25-44), ALRF 171 (20-150); Annylase 1443 (20-200); BUN 18.6 (2-89, CALCUINA: L115: 2-55); PROSPART: L64 (13-92-13); CREAT 1.86 (17-124); Potassium 3.2 (8.7.5.8); CPU - High Pancreatic (piase. Treatment unknown. 7 Nov 2017: Diagnosed with acute pancreatists, Also Meleana. Died on 9 Nov 2017. No post montem. Has had Nobinac L4 before - 9 Sept 2016 and 10 Oct 2016. No problems reported. No further information respected.	Lakeland Terrier	8.9	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (04/10/2017- 04/10/2017-8RP-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (04/10/2017)- 04/10/2017-04/10/201	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCKMSD-2018-UK-00574	United Kingdom	Animal	Canine/dog	7 Year(s)	06/01/2018	09/02/2018	1 1		10/01/2018	Yes, <b R>BR>CBR>CPS, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>C</b 	Death by euthanasia,Respiratory sound,Laboured breathing,Pyrexia,Lethargy (see also Central nervous system depression in 'Neurological'),Inappetence,Respira tory tract neoplasm NOS,Sneezing,Snuffle,Wheezing,Ret ching	Not Known	Suspected Adverse Reaction Prior to vaccination: On June 2016, low grade trachetis and wheeling. On 14 Nov 2017, trachetis again, wheeling on all four lung quadratis. On 61 and 2018, dox accinated with Nobinos DIP, Nobinos L1 and Nobinos KC, clinically well at time of vaccination. On 10 and 2018, dog presented with a temperature of 33 a degrees celsuls, lethangy but surffly and wheeling. No treatment was given due to close time with Nobinos KC administration. On 24 lan 2018, retching, sneezing, imappertence, 33 degrees Celsuls, Inahlu grounds with bloomed breathing and given 5 days of antibilotics. No further information expected. 9 Feb 2018 - Vet reported that the dog was eurhanised on 8 Feb 2018 and was diagnosed with a thoracic carcinoma.	Bull Terrier	16	Nobiva CHP - 1,N/A,N/A, 10,1 ml 1 Animal (06/01/2018- 06/01/2018)-SRRBR>Nobivac KC - 4,N/A,N/A, 10,0.4 ml 1 Animal (06/01/2018-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Ampule (06/01/2018-06/01/2018)-BR>-BR>	O1 - Inconclusive	NCA agrees with MAH assessment thoracic carcinoma ABON N
NOBIVAC L4	GBR-MERCXXXISD-2018-UK-00580	United Kingdom	Animal	Canine/dog	7 Year(s)		17/01/2018	1 1	0 : 1	20/08/2016	Yss,cRR>cRP-dR-Vet Re-CRP-dR-Vet Rhown	Blepharospasni, Hypoglycaemia, Not easting, Lump, Lack, et also Central nervous system depression in Neurological). Hypersensitivity to light, the control of the control	Not	Supereted Alverse Reaction & Supereted Lack of Expected Efficacy Previously dog diagnosed on 18 May 2016 with bilderse mellitus. See illund case 2018-U-100217 On 18 May 2016, the dog was admitted for glucose curve – fed and given Rileonie and 10 IIU Caninsulin-9.45 m 10 II given, 12 pm. 1	Labrador Retriever	Not Known	Carinstin 40 IU/ml suspension for Implection -21,12 Hours,19,21 IU 12 Hours 1, Animal (18/05/2016-1) Hours 1, Animal (18/05/2016-1) Hours 1, Animal (18/05/2016-1) Hours 1, Animal Carinston for Injection for Dogs -1, Al/N/A/A,10,1 Animal-Carinston for Injection for Dogs -1, Al/N/A/A, 21,20 Animal-Carinston for Injection for Dogs -1, Animal-Carinston for Injection for Injec	01 - Inconclusive	NCA agrees with MAH assessment.

	COMSO-2018-UK-00587	United	Animal	Canine/dog	8 Year(s)	12/09/2017	17/01/2018	1	1	0	26/09/2017	Not Known,-BR>-GR VGBR>-GRA-GR KNOWN,-GRA-GR KNOWN,-GR KNOWN,-GRA-GR KNOWN,-GRA-GR KNOWN,-GRA-GR KNOWN,-GRA-GR KNOWN,-GR KNO		Not Known	Suspected Adverse Reaction 8. Suspected Lack of Expected Efficacy Dog previously diagnosed with diabetes meltius on 18 May 2015. Santed clanisatili, pice lined case 2018-14/00/14 and 2018-14/00/0580. Caninosilin already captured in case 2018-14/00/0580, therefore only "concomitant" in this case) On 12 Sep 2017, dog weich active Mit Noblavo K.R. Noblavo T.Pan Alvolbavot C. and owner reports on problems. On 26 Sep 2017, owner reports some days dog is not as a citize. On 28 Sep 2017, cateract suggery was performed and was discharged with Maxino, Maydracy, Leccinar affermed, as well as Carprieve and Atopica. The insulin dose was increased to 3.1 to twice daily. On 1 Oct 2017, owner reports some days dog is not as a citize of the control of the contro	Labrador Retriever	Not Known	Aspoica unidentified - 1,N/A,N/A 24,1 Dose Unismoun 1 Asimal, Treatment Start Date 28/09/17 (N/A- N/A)> REPART START START START START START START Suppression for injection - 21,1,1,2 Hours, 1,9,2,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	O1 - Inconclusive	NCA agrees with the MAH comments
NOBIVAC L4 GBR-MERCH	CKMSD-2018-UK-00589	United Kingdom	Animal	Canine/dog	1.2 Year(s)	18/01/2018	26/01/2018	1	1	0	18/01/2018	Yes, <e R>BR> Yes BR> Yes</e 	Abnormal test result_Disorder of red blood cell NOS, Elevated BUN, Elevated ALT, Elevated bile acids, Elevated SAP, Anaemia NOS, Thrombocytopenia, Leucopeni a, Vormiting, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour-/prevals, Skin petechiae, Mucosa petechiae	No Data	Supercited adverse reaction. On 18 Jan 2018, vaccinated with Nobious CIPP, Nobious CI a and Nobious KC. Clinically well but the time of vaccinication. On 23 Jan 2018, Owner reported that dog had been unwell since the vaccine - lethargic, inappetient, vomiting. Not seen by Vets or treated. 24 Jan 2018: still unwell. On exam, petchalsh learnowinge on his body, exan and membranes. Pyrecki Ot Geyepes. Bloods: UREA 7.6 (1.7-7.4), Bile Acid 26 (0-10), Acid 7.34) (13-78), ALV2 207 (12-83), WRG S.2 (6.0-15.0), REA 423 (6.1-8.5), MCV 180.7 (18-79.3), MCV 183 (20-8-28.) PCV 180.7 (18-79.3), MCV 181 (200-500), EOSINOPHILS 0 (0.1-1.2). Treated with NSAID*S. Await more information.	Crossbred	Not Known	Nobiva C PHP - 1,14/A,N/A, 24,1 Dose 1 Animal (18/01/2018- 18/01/2018- 18/01/2018)- RR-Nobivac KC - 1,14/A,N/A, 24,1 Dose 1 Animal (18/01/2018- 18/01/2018)- RR-Nobivac L4 Suspension for Injection for Dogs - 1,14/A,N/A, 24,1 Dose 1 Animal (18/01/2018-18/01/2018-18/01/2018-18R>-ER>-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCH	CKMSD-2018-UK-00601	United Kingdom	Animal	Canine/dog	20 Month(s)	22/01/2018	25/01/2018	1	1	0	22/01/2018	Yes, <e R>BR>Not Known</e 	Cough, Seleen Hypertrophy, Itchy skin, Generalised red spot, Hives (see also 'Skin'), Stridor (Upper respiratory, for lower respiratory see also Bronchial rale)	Not Known	Supercited adverse reactions ong has occasionally developed size wheals since 11 Jan 2018. But the chincial signs were not causing purtules at all. It presented for varication on 22 and 2018 with Nobbus DIP and LA. At the time of vaccination the dog had one skin wheal still present. It was vaccinated any way, no other products were given at the same time, but they advised to give Printing for 2A hours post vaccination. Then 30 minutes after the vaccine the dog developed a uritariar reaction. Then 2A hours later 1 also started coughing and had northles and continued to have the hirse all over its skin. 2.3 in 2018 the coughing has resolved but the hives have got worse, they are striker and it also has red particles on his storeach, it has a normal later rate. The dog was seen on 25 as 1028 and gave Decadence was given. The dog has no vomiting or distributes and seemed fine otherwise again from a information is second. As to blood samples were taken to investigation performed. No more information is second.	Hungarian Short-haired Pointing Dog (Vizsla)	25.9	Nobius CHP - 1,N/A,NA, 10.1 mt Unknown 1,Aminal (22/01/2018- 22/01/2018)-BR>-CBR>Nobiusc L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,7 mt 1 Animal (22/01/2018-22/01/2018)-BR>-CBR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCH	CKMSD-2018-UK-00605	United Kingdom	Animal	Canine/dog	4 Year(s)	23/01/2018	26/01/2018	1	1	D	24/01/2018	Yes, R>>BR>>BR>Not Known	Inappropriate urination, Inappetence, Lethargy (see also Central nervous system depression in 'Neurologica'i), Depression, Refuctan t. to move, Localised pain NOS, See other 'SOCs' for specific pain),Off colours/pressis, Custaneous oedems, Swelling NOS, Elevated total billiushin, Elevated SaP, Skia warmth, Iriypokalaemia, Jryponatrem ia	Not Known	Sepected Adverse Reaction. On 23 Jan 2018, dog was vaccinated with Nobwa CHP and Nobwa L4 and was reported as clinically well at the time of vaccination. The vaccination was administered subcutaneously into the back of the neck. The dog has received Nobbac vaccines in the past (no details) given all on oreation has occurred. On 24 Jan 2018, were reported the dog was off colour. Vet did not examine and no treatment was given. On 25 Jan 2018, vet reported the dog was lethangic, depressed, refuser to get up, inappetent and had urinated in the house. Vet reported the dog had a temperature of 33 degrees. C. Treated with a Metacam injection. On 26 Jan 2018, were reported the dog was refuserant to move, had a temperature of 40? degrees. C. and was very filt. Neurological examination and popillary light reflexes were reported as normal. Vet reported that a swelling has developed on the lett did of the thorus, with chwas very painful, the skin was hot to touch and there was cedema extending down to the elbow and bad of the left forefilm. Bloods showed A1 38 (13-38), blinkinh 12 (2-) and sodium and polisushum were slightly refeased (which was very painful, the skin was hot to both and there was cedema extending down to the elbow and bad of the left forefilm. Risods showed A1 38 (13-38), blinkinh 12 (2-) and sodium and polisushum were slightly reduced (no values given! Vet has reported that the injection site (executation) looks completely normal. Treated with intravenous fluids intravenous antiblocks and beginned profile. No further information espected.	Shih Tzu	5.2	Noblac DIP - 1.1/I/A/N./ 1.01. ml Unknown 1.4 nmil 2/301/2018 23/01/2018-6R8B-Nobbac L4 Supersion for Injection for Dog - 1.N/A/N./ 1.01. ml Unknown 1 Amimal (23/01/2018)-6R6RD-	B - Possible	Timing/clinical signs suggest product involvement
NOBIVAC L4 GBR-MERCH	XXXXXX-2018-UX-00648	United Kingdom	Actimal	Canine/dog	10 Week(s)	18/01/2018	12/02/2018	1	1	1	21/01/2018	Not Known_BR> Known_BR> KRS+GR> 	(parvovirus),Leucopenia,Lymphope	Not Known	Sapected Adverse Resction. On 18 Iana 2018, dog vaccinated with Nobivac DPP and Nobivac Lt. crincially well at Incent of vaccination. On 20 Jana 2018, the pupy was wormed with Panacur (betg jugges 13 7.5% psstel) and on 2.1 ian 2018 had second day dose and that evening womited up a load of worms. On 2.3 Jan 2018, started vernifice, inappetent and lose is sold, was given Creenia. Same day, in the evening had deteriorated and a nddograph taken but goor abdominal contrast and no evidence of an insussusception. Given Intravenous fault therapy, Randidine, Vertergeisc and Sympto. On 24 Jan 2018, blood tests performed: Total protein 47 (50-72), Potassium 3.2 (3.6-5.6), AlP 244 (12-81), WelC O.7 (6-17), Neutrophilo 10-5-121, lumphorostor 6 (60-93), Monocopes on 1 (0.3-1.5), Grouppils (10) cit-1.5), Haematorit 33.4 (19-75), haematorit 33.4 (19-75), haematorit 33.4 (19-75), haematorit 34.0 (19-75), haematorit 35.4 (19-75), haematority and the school of the schoo	English Cocken Spaniel	3.33	Cerenia underetfied: 1,1M,N/N,2,24,1Dose Unknown 1,4minal (N,4M),ABBRB-Nobbiac DHP,N/N,ABBRB-Nobbiac DHP,N/N,ABBRB-Nobbiac DHP,N/N,ABBRB-Nobbiac DHP,N/N,ABBRB-Nobbiac L4 Suspension for injection for Dogs 1,1M,N/N,ABBRB-Panacur 136.775/0316-818-918-918-918-918-918-918-918-918-918	01 - Inconclusive	Three days is a reasonable time association, vomiting, diarrhose and prycina are expected after vaccination. The rest of the signs are not expected and the day comitted womes when treated with Panaucry which is proof of high worm burden. It is possible that dying worms could have eaused an obstructive lieus which might have let to enterotox-emis. Despite that fact the study could be a subject to the control of the control

NOBIVAC L4	GBR-MERCKMSD-2018-UK-00649	Heltod	Animal	Canina/dag	9 Voor(c)	08/11/2017	20/01/2019		0 20/11/201	Not	Inappropriate	No Data	Suspected adverse reaction. Vaccinated with Nobivac L4 on 8 Nov 2017. Clinically well at the time.	Greyhound	24.0	Advocate Spot-on Solution for Large	B - Possible	close time association with vaccination IMHA can be
		Kingdom								Known, Known, KRP KRP KROWN, 	urination, Thrombocytopenia, Leucopenia, Neutropenia, Neutropenia, Neutropenia, Diarrinoea, Polyluria, Panting, Lethargy (sea also Central nervous system depression in "Neurological"), Weight loss, Bruising, Hypergly, cennia, Protein, unrai, Jammune mediated thrombocytopenia, Elevated creatinine, Elevated AT, Elevated Elevation, Elevated AT, Elevated Elevation, Elevation, Elevation, Elevation, Elevation, Elevation, Elevation, Elevation, Elevation (Elevation), Ele		Loose stools but described as normal for him. Weight 28.88g. 20 Nov. 2017. Weight loss. Nov. 26.88g. Bloods: Creatinine 129 (27:124), Globular 17 (27:52), PCVSS, Braidesto 10 (140-30), Ulrince Illinoids. +++, PH. 6, Trace Protein, SG - 1.034. Not treated: 77 Nov. 2017. Skin braising, Biolosi: Platelets 102, Neutrophils: 124 (2-8.8). 1 Dec 2017. Basic coagulatory profile- NAD 0 Dec 2017. Vitrasound And. 2ra y NAD. Platelets 103 (140-320). S Dec 2017. Vet decided to treat as immune Mediated Trombio-cytopenis, Predindiski Smg, Boar 2018. Copils 2018. D Sec. 2017. Provision of Nov. 1972. Platelets 103 (140-320). S Dec 2017. Neutrophils: 214 (20.11). S Dec 2017. Neutrophils 2150; Datinssound NAD. Brussing Platelets 189 (140-320), HCT 0.489 (0.5-0.69) 19 Dec 2017. Asathioppine Stings 50 21 Dec 2017. Weight 2159; Datinsoe are-locative. 1972. S Dec 2017. Neutrophils 2017. Distribution of Neutrophils 2018. Platelets 101. S Dec 2017. Neutrophils. 2018. Platelets 101. S Dec 2019. Neutrophils. 2018. Neutrophils. 2018. Neutrophils. 2018. Neutrophils. 2018. Neutrophils. 2019. Neutrophils. 2019	t a c	28.8	Dogs - 1.N/A/M/A_24.1 Dose 1 Animal 15/01/12 h-terathemt start date (1.0 ky/s) N/A- 20/01/2018/eR-BR-Droncit unidentified - 1.N/A/M/A_24.1 Dose 1.Animal treatment start date - 13/01/12 (8 N/A- 20/01/2018/eR-BR-Noblava L4 Suspension for injection for Dogs - 1.N/A/M/A_24 1 Dose 1.Animal (08/11/2017-08/11/2017)+BR>-BR>		a post vaccination sequela, but there are other causes pu pd expected due to the steroids ABON N
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00651	United Kingdom	Human	Human	Not Known	30/01/2018	30/01/2018	1 1	0 30/01/201	Not Known	Injection site swelling	Not Known	A vet sustained a needle stick injury before she vaccinated a dog. She says "less than one drop of vaccine was injected" into her finger. She cleaned and dressed the area, and there were no ill effects a that time. Approximately 4 hours later, her finger began to swell.	Human	Not Known	Nobivac L4 Suspension for Injection for Dogs - ,,,,24 		
NOBIVAC L4		United Kingdom	Animal	Canine/dog	16 Month(s)	27/01/2018	06/02/2018	1 1	0 27/01/201	S Yes, <b R>BR> Yes, KBR> Not Known</b 	Urticarial erythema,Vomiting,Breathing difficulty	Not Known	Suspected Adverse Reaction. On 27 Jan 2018, dog vaccinated with booster of Nobivac DMP, Nobivac Land Andbokac NCE. (Inclusib) well at time of vaccination, previous reports of vorifinite periodes after earling and was diagnosed with megaesophagus. An hour and 30 minutes after vaccination, the dog vormited, strunggling to breath, red lamps developed on abdomen. The dog was given oxygen therapp vig a face mask. An arthitistamine given and settled down within an hour. The dog was given Chlorophenamine tables given to take home. No ufter hirrormation expected, 1000 way 6 Feb 2018 - Vet reported on 6 Feb 2018, that the dog was brighter and has stopped vomiting. No further information expected.	4 French Bulldog	3 11.6	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (27/01/2018- 27/01/2018-8RS-NBR-Nobivac KC - 4,N/A,N/A _10,0.4 ml 1 Animal (27/01/2018)=BR>-SBR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,7 ml 1 Animal (27/01/2018-27/01/2018)=BR>-SBR>		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00667	United Kingdom	Animal	Canine/dog	4 Year(s)	23/01/2018	30/01/2018	1 1	0 25/01/201	Yes, <b R>BR>CBR>Yes, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>Not Known</b 	Injection site abscess,Injection site necrosis,Injection site swelling,Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Pyrexia	Not Known	Supercited Adverse Reaction On 23 Jan 2018, dog succinated with Nobbuca CHP, Robbuca L 8 given subcutaneously and Nobbuca CE, given Intransa. Dog was cincilarly well at the time of vaccination 25 Jan 2018, dog became off colour, had a small svelling at the site of injection and was dispensed Metacam. On 29 Jan 2018, presented as svelling had furnot into an abuses, temperature 41.4 degree Celsius and was lethargic. On 30 Jan 2018, the abscess was drained under a general anaesthetic, Perroree dain placed and an errotic area of skin was debrided. Given Metacam and antibiotics. No further information expected.	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (23/01/2018: 23/01/2018)+GBR8BR-Nobivac KC - 4,N/A,N/A,10,0.4 ml 1 Animal (23/01/2018)+GBR->-GBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 20,7 ml 1 Animal (23/01/2018-23/01/2018)+GBR->-GBR->	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00706	United Kingdom	Animal	Canine/dog	2 Year(s)	30/01/2018	31/01/2018	1 1	0 30/01/201	B Yes, BR> <br R> Not Known</br 	Vomiting.Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Supercted Adverse Reaction on 30 jan 2018, dog was vaccinated with Noblvac DNP and Noblovac L4 and was reported as clinically well at the time of vaccination. Dog has been vaccinated with Canigen products previously fine details given and no reactions have occurred. Thirty minutes later were report the dog was lethargic and vomiting. Unknown if reatment given at this time. On 31 Jan 2018, wet treated the dog with Decardeson. No further information expected. VMD comment: web report received reaction duration 24 hours.	French Bulldog	14	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (30/01/2018- 30/01/2018) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (30/01/2018- 30/01/2018) >BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00730	United Kingdom	Animal	Canine/dog	3 Month(s)	23/12/2017	02/02/2018	1 1	0 23/12/201	7 Not Known, BR > BR>CBR> Not Known	Anaphylaxis, Facial swelling (see also 'Skin'), Dyspnoea	Not Known	Suspected adverse reaction: The Pup was seen for second vaccination on 23 Dec 2017. Nobbace DHPPI & Ld given. No other products given. Within 30 mins of injection, pup developed severe facial swelling and dyspines. Cholssome 0.14 mis given IV and Printon tablets to go home. Signs of facial swelling and dyspines. Resolved fully quickly. No further information expected	Shih Tzu	3.3	Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs- I.N/AN/A, J.O. Im Not applicable 1 Animal (23/12/2017- 23/12/2017/sBR-SBR-Nobivac L4 Suspension for Injection for Dogs- 1.N/A.N/A, 1.O.1 ml Not applicable 1 Animal (23/12/2017- 23/12/2017-8BR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-S	B - Possible	NCA agrees with MAH assessment
	GBR-MERCKMSD-2018-UK-00735	United Kingdom	Animal	Canine/dog	5 Year(s)	12/01/2018	01/02/2018	1 1	0 14/01/201	B Yes, BR> <br R>BR>BR>Not Known</br 	Musculoskeletal pain, Hind limb ataxia, Hind limb paresis, Proprioception abnormality	Not Known	Sapected Adverse Reaction On 12 Jan 2018, dog was vaccinated with Nobivac DNP and Nobivac Lt, clinically well at time of vaccination. Dog is concurrently on Metacam and joint supplements for elbow dypissis. On 30 Jan 2018, owner reports had developed some hind limb atxiss and paresis that has been progressive two days post vaccination. On examination, temperature 39.1 degrees Cebius, pain no bits alides of high and fail elevation. Left hind proprioception was significantly slower than right hind. No further information expected.	Labrador Retriever	28.5	Nobivac DHP - 1,N/A,N/A,10,1 ml 1 Animal (12/01/2018- 12/01/2018) -BR> Nobivac L4 Suspension for Injection for Dogs- 	O1 - Inconclusive	NCA agrees with MAH assessment
	GBR-MERCKMSD-2018-UK-00744	United Kingdom	Animal	Canine/dog		13/01/2018	01/02/2018	1 1		B Yes, BR>R>BR>Not Known	Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Immune mediatec haemolytic anaemia, Decreased packed cell volume (PCV)	Not Known	Sapected Adverse Reaction On 13 an 2018, puppy was vaccinated with Nobwac UPI and Nobbac L4 clinically well at Iren of vaccination. On 19 Jan 2018, puppy presented as was very lethangic and inappetant. Blood tests performed: PCV 15 (35-73) and all other parameters on blochemistry and haematology were unremarkable. The sample was then sent to an external laboratory for further investigation. The external laboratory noted IMMA despite the Coombs being negative. The puppy started Randidien and stevicids. Oz 22 and 28, PCV 20 15-27 and 29 Jan 2018, PCV 21 (55-73) and sho being treated for IMMA (Immune Mediated Haemolytic Anaemia. No further information expected.	, Chihuahua	Not Known	Nobixc DHP - 1,N/A,N/A,10,1 ml 1 Animal (13/01/2018- 13/01/2018)-BR>-BR>Nobixac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml 1 Animal (13/01/2018-13/01/2018)-BR> 	B - Possible	lethargy and inappetance may be triggered by vaccination. It may also be caused by the IMMA for which vaccination is a known trigger for.
	GBR-MERCKMSD-2018-UK-00745	United Kingdom	Animal	Canine/dog		15/05/2014		1		Yes, <b R> Yes, >BR> BR> Known</b 	pain,Vocalisation	Not Known	Supercted Adverse Reaction on 15 May 2014, dog was vaccinated with Nobwa CHP, Nobbox L1 and Nobbox CK, Gridney Well at time of vaccination. On 24 May 2014, was presented as developed lameness and was crying, was not able top open his jaw without crying, given pain relief. On 28 May 2014, dog was admitted for a general masserbletic and was diagnosed with masticatory myositis - an antibody test was performed and all clear. No further information expected.	Labrador Retriever	Not Known	Nobivac DHP - 1,N/A,N/A, 10,1 ml 1 Animal (15/05/2014 15/05/2014/SBR~BR>Nobivac KC - 4,N/A,N/A, 10,0.4 ml 1 Animal (15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014 15/05/2014	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00778	United Kingdom	Animal	Canine/dog	12 Week(s)	28/12/2017	05/02/2018	7 3	3 30/12/201	7 Yes, <b R >BR>Not Known</b 	Sudden death	Not Known	Suppercial Adverse Reaction On 28 Dec 2017, 7 puppies were vaccinated with Nobiwac DHP and Nobiwac LHP all weeks of age, clinically well at time of vaccination. On 30 Dec 2017, two puppies desidediny, On 2 Jan 2018, Blood sampling was performed on one puppy and was PER postive for Distemper and Parovivus but al low positive –laboratory suppercied due to recent vaccination. This puppy that was sampled then died suddenly on 4 Jan 2018. No further information expected. Owner remaining puppies were vaccinated for second dose of Nobiwac DHP and Nobiwac LL4 and one puppy died shortly afterwards. See linked case: 2018-UK-00785	Miniature Schnauzer	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (28/12/2017- 28/12/2017) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Not applicable 1 Animal (28/12/2017- 28/12/2017):BR><8R>	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.

NOBIVAC L4		United Kingdom	Animal	Canine/dog	12 Week(s)	02/02/2018	15/02/2018	4 1	1	03/02/2018	Known	Haemorrhage NDS, Splenomegaly, Pale mucous membrane, Jaundice, Pulmonary haemorrhage, Sudden! Hepatic disorder NOS, Gibosouria, Proteinuria, Haemat uria, Abdominal cavity haemorrhage, Almormal necropsy finding, Mr Chronic interestinial mephrisis. Fulning disprint ondes (generalised)	Not Known	Suspected Adverse Reaction On 2 Feb 2018, the remaining 4 pupples were vaccinated with a second dose of Nobbace If Jean Mobbace Let al 12 weeks of age. On 3 Feb 2018, no puppy died ovenight and is to be sent away for a post mortem examination. Await further information. Owner remaining puppies were vaccinated for second dose of Nobbace IP and Nobbace Let and one puppy died shortly afterwards. See linked case: 2018-UK-00778 Follow up on 1.5 Feb 2018. Correction: Owner had a littler of puppies that were vaccinated with a first dose of Nobbace IPP and Nobbace Let and some puppies died shortly afterwards. See linked case: 2018-UK-00778 15 Feb 2018 Foot mortem report received. Gross exemination showed pain emcous membranes and justified cut faces out its state of puppies with the short of the	- è	Not Known	Nobbac DHP - 1.M/A.N/A.10.1 ml Not applicable 1,000 appli	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCXMSD-2018-UK-00800	United Kingdom	Animal		7.6 Year(s)	03/02/2018	05/02/2018	1 1		03/02/2018	Not Known, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Localised Itching Facial swelling (see also 'Skin')	No Data	Supercted adverse reaction. The dog was vaccinated with Nobiwac DHP and Nobiwac L4 on 3 Feb 2018 The dog was clinicary well at the time of vaccination. Concurrent medication includes Apoques. No further information reported. Within 90 minutes, the dog presented back to yets with an ickly swollen face: The dog was treated with Decaderson IV. The swelling started improving. Predissolone was prescribed. No more information expected.	(German	Not Known	Apoque 15mg Film-coated Tablet for Dogs - 1,NA/M,A,24,1 Dose 1 Animal (01/01/2017- NA/NA). A34,1 Dose 1 Animal (01/01/2017- 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (03/02/2018-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,M/A,24,1 Dose Not applicable 1 Animal (03/02/2018- Nobivac L4 Suspension for Pogs - 1,N/A,M/A,24,1 Dose Not applicable 1 Animal (03/02/2018-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00802	United Kingdom	Animal	Canine/dog	3 Year(s)	13/02/2017	05/02/2018	1 1	0	09/03/2017	Yes	Oral bleeding,Gum disorder NOS,Other blood disorder NOS,Immune mediated haemolytic anaemia	No Data	Suspected adverse reaction. The dog was vaccinated with Nobivac I Ao n 13 Feb 2017. At the time there was slight gingwith but otherwise clinically well. On 9 March 2017, the gums started to bleed. On 3 April 2017, the dog presented with other unspecified "Bleeding signs". Immune Mediated Nemohibut Anaemia was diagnosed. The dog was treated with Predinisolone and Asathioprine. The dog recovered but their elapsed within a few exels. Treatment was restanted. 5 Feb 2018: The dog is currently on Prednisolone, but appears clinically well. No more information expected.	Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/N,N/A, 24,1 Dose Not applicable 1 Animal (13/02/2017- 13/02/2017) 	B - Possible	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00822	United Kingdom	Animal	Canine/dog	10.9 Year(s)	30/10/2017	05/02/2018	1 1	o	08/09/2017	R> Not Known,
 </br 	Ataxia, Mahalee, Lack of efficacy, Not earling, Albornal test resulf, Tense abdomen, Hepato-billary disorder NOS, Elevated AT, Elevated SAP, Emesis (multiple), Electrohyte disorder, Elevated cholesterol (total), Uncomfortable	Not Known	Suspected Lack of Expected Efficacy, Suspected Adverse Reaction & Product Quality Complaint On 4 Sep 2017, do year speciment with a heart murrun, diffuse perspectionegally right kindly displaced and started intravenous fluid therapy. On 5 Sep 2017, diagnosed with diabetes mellitus and started 1.U twice daily. On 8 Sep 2017, winned several times, not reality, embly on legs and blood glucose 1840, Given Cerelia and Zantac. On 10 Sep 2017, blood glucose 25.1 and increased to 51 U twice daily. On 11 Sep 2017, quiet in herself and blood glucose 23.1. On 13 Sep 2017, blood glucose 31.0 Sep	Miniature Schnauzer	6.87	Carlisulin 40 IU/ml Supension for Injection -6,12 I Stowns; 19/M/G Day(s) 05/09/2017. Day	O3 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKASO-2018-UK-00858	United Kingdom	Animal	Canine/dog	2.1 Year(s)	18/01/2018	05/03/2018	1 1	0	18/01/2018	Known,
 Not Known,
 SR Not Known,

 Yes, Not Known, <br< td=""><td>Musculoskeietal disorder NOS, Crust, Moncytosia, Albormal test result, Hypoalbumina emia, Discolour ed urine, Hyperphosphataemia, Elevate di BUN, Elevated creatinine, Elevated ALT, Hyogolbumina, Albormal uthrasound finding, Decreased red layses, Decreased layses, Decreased haemoglobin, Decreased passed, Decreased haemoglobin, Decreased passed, Decreased laide volumic (PCV), Enlarged kidney(s), Weight loss, Renal failure, Womitting Darrheea, Leucocy tosis, Thrombocytopenia, Not eating</td><td></td><td>Supercité Alverse Reaction Approximately in an 2018, dog vaccinated with first Nobine Lt. In approximately Pré 2018, dog became il with vomiting and dismrbea. The veterinary surgion suspected Leptosprosis however no diagnostics have been performed. Await further information. Tollow up 9 Pe 2019, do 18 Jan 2018, dog was vaccinated with Nobine DNPP and Nobine Lt. Rivins was the first injection of the primary course. It is unknown what vaccines the dog has had in the past. Owner reported that the dog was vanishing intermittently for 7 days post vaccination, which resolved without treatment. On 6 Feb 2018, owner reported that the dog started to vomit again, was not eating had custs on the ears and had distributes. Bloods showed use 49 98 [1.7.2, 1.7.2, certainine 380 (2-12), phosphora 1.28 (0.8-1.8), Rat 128 (13-78), Lapace 33 (0-250), WRC 2.2 (0-17), garandocytes 2.9 (3.1.1 Treated with intravenous fluids. Mathonal ord not control, or 7 Pe 2018, Bloot est after information. That careful with intravenous fluids. Sharbourd and control, or 7 Pe 2018, Bloot ests after information fluids without the control of the control</td><td>L 5-</td><td>r 9.4</td><td>Anthitamine Unidentified . Jul/N/N/A, 24, 100se Uninnown 1 Animal (07/02/2018-007/02/2018-08-0813-aurabolin 25 mg/ml, Solution for Injection - 1,1/N/N/A, N/A). Toose Unknown 1 Animal (N/A- N/A)-(BRGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBRGBR-Marbocy) (18/01/2018-1 1,1/N,A/WA, 20, 1 ml Not applicable 1 Animal (18/01/2018-1 1,1/N,A/WA, 10, 1 ml 2 ml</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<></br </br </br </br 	Musculoskeietal disorder NOS, Crust, Moncytosia, Albormal test result, Hypoalbumina emia, Discolour ed urine, Hyperphosphataemia, Elevate di BUN, Elevated creatinine, Elevated ALT, Hyogolbumina, Albormal uthrasound finding, Decreased red layses, Decreased layses, Decreased haemoglobin, Decreased passed, Decreased haemoglobin, Decreased passed, Decreased laide volumic (PCV), Enlarged kidney(s), Weight loss, Renal failure, Womitting Darrheea, Leucocy tosis, Thrombocytopenia, Not eating		Supercité Alverse Reaction Approximately in an 2018, dog vaccinated with first Nobine Lt. In approximately Pré 2018, dog became il with vomiting and dismrbea. The veterinary surgion suspected Leptosprosis however no diagnostics have been performed. Await further information. Tollow up 9 Pe 2019, do 18 Jan 2018, dog was vaccinated with Nobine DNPP and Nobine Lt. Rivins was the first injection of the primary course. It is unknown what vaccines the dog has had in the past. Owner reported that the dog was vanishing intermittently for 7 days post vaccination, which resolved without treatment. On 6 Feb 2018, owner reported that the dog started to vomit again, was not eating had custs on the ears and had distributes. Bloods showed use 49 98 [1.7.2, 1.7.2, certainine 380 (2-12), phosphora 1.28 (0.8-1.8), Rat 128 (13-78), Lapace 33 (0-250), WRC 2.2 (0-17), garandocytes 2.9 (3.1.1 Treated with intravenous fluids. Mathonal ord not control, or 7 Pe 2018, Bloot est after information. That careful with intravenous fluids. Sharbourd and control, or 7 Pe 2018, Bloot ests after information fluids without the control of the control	L 5-	r 9.4	Anthitamine Unidentified . Jul/N/N/A, 24, 100se Uninnown 1 Animal (07/02/2018-007/02/2018-08-0813-aurabolin 25 mg/ml, Solution for Injection - 1,1/N/N/A, N/A). Toose Unknown 1 Animal (N/A- N/A)-(BRGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBGBR-Marbocy) unidentified - 1,1/N,A/WA, 24, 1 Dose MyA-(BBRGBR-Marbocy) (18/01/2018-1 1,1/N,A/WA, 20, 1 ml Not applicable 1 Animal (18/01/2018-1 1,1/N,A/WA, 10, 1 ml 2 ml	B - Possible	NCA agrees with MAH assessment

NOBIVAC L		United	Animal	Canine/dog	5 Year(s)	30/01/2017	07/02/2018	1 1	0 23/05/	KNOWN, GBR>C PGR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-G	R>- enzymes, Elevated AST, Elevated BAT, Elevated total billrubin, Elevated SAP, Abnormal ultrasound finding, Elevated gamma, gutamyl transferase (GGT), Abnormal group, Diarrhoea, Hepatitis, Anore	Other	Suspected Adverse Reaction On 30 Jan 2017, vaccinated with second dose of Nobivac L4 and on examination was jaundiced, subudued and lethargic, however the dog vaccinated depite clinical presentation (extra label use). On 23 Feb 2017, presented with diarnhoes and still jaundice; blood sample showed elevated liver enzymes and epithoropiosis. On 7 Mar 2017, Internous performed and showed a rounded liver that was inflamed. On 16 Mar 2017, a liver biopsy was taken and showed swollen liver, full gall badder and lide locks railed datalon. The dog was diagnosed with iolipathic Chronic Hepatitis and started treatment with Norociav, Denamarin, Destolit and Marbocyl. On 6 Apr 2017, dog was taken to emergency referral practice as was anomezed, severely jaundiced, efleyfrated, tacky mucous membranes. Blood sampling performed: ALEP 1472 (£112), GGT 35 (£111), Total Billiub 32 (£15), Al 112 (£10 £15), AST 564 (£10). The dog was discharged on 10 Apr 2017 (winnown what treatment was provided). On 24 Apr 2017, started a Hepatic det and Pednisolinor. ON 20 Apr 2017, reampled bloods: lists severe liver erroyme elevations but no values or reference ranges provided. In May 2017, dog started to improve, gained some weight, still jaundice and doing weil. On 13 Dec 2017, AMP 150 (£128), L0011 (£2) and all other ranges were in normal parameters. No further information expected. The dog flad vomiting and diarrhoea after first vaccination. See linked case: 2018-01-000575	in		Marbocy unidentified MA/NA/NA/A 2Juhinown Unknown 1 Animal, Treatment Start Date 16/03/12 For Date 01/01/17 (N/A-NA/A)-BBX-BR-Nobbac L4 Supersian for Injection for Dogs- 1.N/AN/A 1.01 m1 1 Animal 0/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/17 3/00/12/02/02/02/02/02/02/02/02/02/02/02/02/02	O1 - Inconclusive	NCA disagrees with MAH assessment - although the animal was unwell at time of vaccination, the role of the product in the subsequent clinical signs cannot be fully excluded.
NOBIVAC L	GBR-MERCKMSD-2018-UK-00910	United Kingdom	Animal	Canine/dog	9 Week(s)	02/02/2018	08/02/2018	1 1	0 03/02	/2018 Not Known, >BR> F> Not Known, >BR> <b Yes</b 	R> ased drinking,Injection site pain,Injection site lump,Lethargy BR (see also Central nervous system	No Data e	Suppercial Adverse Reaction of the 2 rebruary 2018, the day was clinically well and was vaccinated with Nobivac LH. The day was applied Advocate and was microchipped during the same consultation. On the 3 rebruary 2018, the day was not eating and drinking but was not presente to the vet. On the 4 rebruary 2018, the day was not eating and drinking but was not presente to the vet. On the 4 rebruary 2018, the day was not eating and forniking but was not presented midglift, during early morning (10.8 am), with teithargp, pink mucosa membrane, capillary Refill Time 2 seconds, heart rate 120 bpn, body temperature -1014 degree Fahrenheit and a lump at the injection step, painful to touch. The day was hospitable, freatment with first evenors they did Therapy and antibiotics was given. Blood test showed: FCV-38, T5-56, BUN-4, Glucose-9.7 (bib units and referent range not recorded, Melokaciam injection was given. The day was vellowed; and was sating well heart rate = 180, body temperature = 10.2.9 degree Fahrenheit. The day was bright, allert and responsive and was discharged on the same day (4 February 2018) at 11.37 am. Treatment with Melokaciam [10 ml, once daily for four days) to go home with was given. No more information supported		6.5	Advactes Spot- on Solution for Small Dogs - N/AN/AN/A 24, Unknown Unknown 1 Animal (07/07/2018- N/A/4876-48R-Nobbacc DHP - 1/A/N/A/A 1.01 m Not applicable 1 Animal (02/02/2018- 02/02/2018)8-R8R-Nobbvac L4 Supersion for Injection for Dogs - 1/A/A/A/A 1.01 m Not applicable 1 Animal (02/02/2018- 02/02/2018)8-R8-Nobbvac L4 Supersion for Injection for Dogs - 1/A/A/A/A 1.01 m Not applicable 1 Animal (02/02/2018- 02/02/2018)-BRBR->	B - Possible	close time association to product administration and likely injection site absress/reaction as a result of vaccination. 2 products given concurrently.
NOBIVAC LA	GBR-MERCKMSD-2018-UK-00918	United Kingdom	Animal	Canine/dog	5 Month(s)	22/11/2017	21/02/2018	1 1	1 08/02	(2018 Not Known, GBR>-C Known, GBR>-C Yes, GBR>-GBR>-E Yes, GBR>-GBR>-E Yes, GBR>-GBR>-E Yes, GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-	R> ⊲B tot gr R>	Not Known	Suspected Lack of Expected Efficacy On 25 Oct 2017, puppy vaccinated with Nobivac DNP and Nobiva Lat 6.5 weeks of age and was clinically well at the time. On 22 Nov 2017, vaccinated with second dose of Nobivac DNP and Nobivac Lat at 10.5 weeks of age and was clinically well at time of vaccination. On 8 Peb 2018, became lethapse, diarrhose, vorntiling, not eating and temperature was normal. An in-house Snap test performed Parrovirus positive. The puppy was admitted for intraveron fluid theraps, Younko, Cerenia and Generacioe. The puppy is stated to be currently stable. Await further information. Follow up 21 feb 2018 - On 8 Feb 2018, haematology showed ecsinophils. O.8 (0.1-1.49). The rest of the haematology was normal. On 9 Feb 2018, a Cannel Provirus 2 PCR was positive. On 12 feb 2018, by et reported that the dog died sudderly after showing algra of improvement No post mortem is being performed. No further information expected. Closed case.	ac Miniature Dachshund	5.3	I cerenia unidentified - 1.N/A/N/A 24.1 Dose Unitrovan 1 Animal (4 Day(s) 68(07/2018- 1.2(07/2018)-688688-Nobiwac DHP 1.N/A/N/A, 1.0.1 m1 1 Animal 1.2(2/11/207)-72(2/11/2019)-688888-Nobiwac L4 Supersion for Injection for Dogs- 1.N/A/N/A, 1.0.1 m1 1 Animal 2(2/11/2017- 22/11/2017)-688888-Symulos 1.N/A/N/A, 1.0.1 m1 1 Animal (2/21/1/2017- 22/11/2017)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-688888-Symulos 1.0(2/1018)-1.0(2/1018)-688888-Symulos 1.0(2/1018)-1.0(2/1018)-688888-Symulos 1.0(2/1018)-1.0(2/1018)-688888-Symulos	N - Unlikely	This product is not expected to provide immunity to parovirus, ABON N
NOBIVAC L	GBR-MERCKMSO-2018-UK-00919	United Kingdom	Animal	Canine/dog	10 Week(s)	05/02/2018	05/03/2018	1 1	1 05/02	>~BR~BR~BR~G Not Known, BR>- *BR~BR>-E *BR~BR>-E *BR~BR>-E *BR~BR>-E *BR~BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	R» test result-typoalbuminaemia, Ive disorder BR NOS/typogkycaemia/Proteinuria, Ist R» ematuria, Hypogotrotaemia, Elevated et Buth, Elevated tot SAPAhormal ultrasound BR finding, Abnormal radiograph in finding, Abnormal radiograph BR finding, Botromal radiograph BR finding, Botromal necropsy BR finding, Brattaged Hymph necropsy BR finding, Brattaged Hymph necropsy Pressure, Abnormal pain, Buccal or pressure, Abnormal pain, Buccal or pressure, Abnormal pain, Buccal as ulceration, Diamhoea, Loose B stock (Parthy Bratthy rold disorder BR 1500 (Noming) Parathyroid disorder BR 1500 (Noming) Parathyroid disorder	r s a t t t t t t t t t t t t t t t t t t	isopected deverse Reaction on the 5 February 2018, at 11 sm, the day and stirtle developed the first for soft the primary converse vectoration with Nobicus Def and Nobicus (4.1 Froughtse), and the services and to the next day the day started vomiting every couple of hours. On the 6 February 2018, it am the day are admitted to hostial with polyrula (inviting whits valles), polydipsis, body temperature = 324 degree Celsis and tachycardia = 220 bpm. The day lost approximately 600 gr of weight overright. The restriction of the 15 celsis and tachycardia = 220 bpm. The day lost approximately 600 gr of weight overright. The restriction with Creation and Intrinsive Notice Hind Therapy was given. The weight increased up to 8 kg, the temperature reduced to 38.4 degree Celsis and the day had no longer polyviar or polydipsis. The day as destrained on the same was and the day had no longer polyviar or polydipsis. The day was destrained on the same was a single service of the same of the s	t t t t t t t t t t t t t t t t t t t	7.6	JAMENIOLE Unidentified: J.JI/AN/A 24.1 Does Unionom 1 Animal (3 Dayl 5) 86(07/2018- Da	02 - Inconclusive	NCA agrees with the MAH assessment

NOBIVAC L4	GBR-MERCKMSD-2018-UK-00925	United Kingdom United Line Line Line Line Line Line Line Line	Animal	Canine/dog	1 Year(s)	07/02/2018	14/03/2018	1 1	0 os	> N K > Y R R S B K S N K K S N K K K K K K K K K K K K K	×GR-4B7-8B> Not Not Rhown, GR-4B Not Known, GR-4B Not Nes Nes Nes Nes Rho-BN-8B Nes Nes Rho-BN-8B Not Known, GR-4B Nown, GR-4	Hypotalburntaema. Hypotybucentua. Blood in uring-shematuria, Tense abdomen, Urinary tract infection, Alborn multivasound infinding. Decreased red blood cell counts, Bilitubriani, Decreased percentage of reticulocytes, Decreased haemoglobin, Decreased packed cell volume (PCV), Endraged hymphode (Iocalised), Monocytosis, Hyponatre mia, Elevated globulins, Hypothoraemia, Positive tracheal pinch, Albonomal cyclosy, Monocytosis, Hyponatre mia, Elevated globulins, Hypothoraemia, Positive tracheal pinch, Albonomal cyclosy, Monocytosis, Leuco cyclosy, Monocytosis, Leuco cyclosy, Monocytosis, Leuco cyclosy, Monocytosis, Leuco cyclosis, Meurophia, Urinary badder disorder MOS, Frequentalor, Trachestic, Cough, Lethargy orantion, Trachestic, Cough, Lethargy wardson, Trachestic, Cough, Letha	,	Supported Adverse Reaction On 15 Feb 2018, dog succenated with Nobinco CRPFF and Nobincs CL, and was clinically well at time of secretarion. The dog has a bincy of hereditary glocurons and has one was affected - Been in owners possession since 5-ep 2017. On 9 Feb 2018, owner reported dog was quiet but no other abnormalities. On 10 Feb 2018, dow yes upted and developed previse 30.2 degrees Celsius. Blood sampling was performed. Neutrophilis, eosinopenia and monocytosis. On utrialysis showed as small amount of bloods treated with intravenous flut dherapy, Metacan and Augmentin - admitted to hospital. On 11 Feb 2018, temperature 40.2 degrees Celsius, lethargis and not wanting to waste. continued ambitiotics. No further information espected Follow up 21 Feb 2015. Clinical history received. On 7 Feb 2018, dog was vaccinated with Noblacc DHPPI, Noblacc L4 and Noblacc KC. on 8 Feb 2018, dog was reported as lethargic, had tacky mucous membranes and stemperature of 4.1.1 degrees C. Bloods showed HcT 53.8 % (37.3-61.7), reticulorytes 4.0 (10-110), WBC 23.8 (50-516.7) degrees C. Bloods showed HcT 53.8 % (37.3-61.7), reticulorytes 4.0 (10-110), WBC 23.8 (50-516.7) degrees C. Bloods showed HcT 53.8 % (13.7-8-11.7), reticulorytes 4.0 (10-110), WBC 23.8 (50-516.7) degrees C. Bloods showed HcT 33.8 % (13.7-8-11.7), reticulorytes 4.0 (10-110), WBC 23.8 (50-516.7) degrees C. Bloods showed HcT 33.8 % (13.7-8-11.7) degrees C. Bloods showed Hc	English Springer Spaniel		Beyort undestellified 1. JM/AM/A, 24,1 B - Posis Disor Unition Min America (Min/A) and Disor Unition Min America (Min/A) and Bro-RB-Metracam undestellified 1. JM/A) and 3.4 Disor Unitionom 1. Animal (ISI/02/2018) Ally-RB-RB-RB-Molbous ChPPP), tyophilisate for Suspension for injection for Disor 1. JM/A/A, 10,1 ml Not applicable 1. Animal (07/02/2018) Ally-RB-RB-RB-Noblous KC - ANI/A/A, 10,0.4 ml Not applicable 1. Animal (07/02/2018) Animal (07		NCA agrees with the MAH assessment , 3 products given.
		Kingdom		, -						K > N	Known,
 Not Known</br 		Known	date or brand of the first vaccination J at the time of vaccination the dog was clinically well. Nothing selve was given. Then 30 minutes after the vaccine the dog returned to the practice with as worlden face and ears. The vet give Intravenous Pritton and a short acting steroid. The dog improved soon after then recovered. No more information expected	2		Unknown 1 Animal (01/02/2018- 01/02/2018)-BRBR-Nobivac L4 Suspension for Injection for Pogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (01/02/2018- 01/02/2018-BR->BR>		
NOBIVAC L4	GBR-MERCXMSD-2018-UK-00936	United Kingdom	Animal	Canine/dog	6.5 Year(s)	10/01/2018	12/02/2018	1	0 21	R	Yes, <b R> >BR>Not Known</b 	Lack of efficacy		Saspected Lack of Expected Efficacy On 10 Ian 2018, Sog vaccinated with Nobiwac L4 and Nobiwac KC, clinically well at Irun of vaccination. On 21 Ian 2018, Sog persented as developed anoresia, leithargy and womiting, Blood sampling performed. WRG 5.7 (6-17), Lymphocytes 0.5 (0.9-5), Monocytes 0.2 (0.1-15), haemoglobin 18.2 (12-18), B12 151 (200-408), Albimin 40 (12-18), ALT 115 (0-100), Cholesterol 8.4 (2.8-8.1). Started intravenous fluid therapy, Roperdant, Omegrazole and Suprenorphine. The dog was discharged from hospital 3 days later prior to PCI Results. The PCR was positive for Leptosprosis and then started Augmentin and Doxycylicm. The serum Mart Testing showed positive for L. Canicola artiblody 1/100. No paired sample performed. Await further information.	Retriever		Nobbac KC - 1.N/AN/A N/A,O.4 ml B - Poss Unknown 1. Animal [10/01/2018]: 10/01/2018 \cdot BR><8B>-Nobbac L4 Suspension for Injection for Dogs - 1.N/AN/A - 1.0.1 ml Unknown 1 Animal [10/01/2018 - 10/01/2018] \cdot BR>>BR>		POssible lack of efficacy here as positive for L actical on Mar II day after vaccination and had clinical signs of possible Leprospirosis with a positive PCR
NOBIVAC L4	GBR-MERCKMSD-2018-UK-00939	United Kingdom	Animal	Canine/dog	2.9 Year(s)			1		R	R> Not Known	Cough, Lack of efficacy	Not Known	Supperted Jack of Expected Efficacy & Suspected Adverse Reaction On 12 Jun 2017, dog was accinated with Nobuse L4 and Mobbus KC, Clinically well at time of vaccination On 7 wag 2017, dog presented back as developed a slight cough. On 5 Dec 2017, presented back as been urinating in the house and the practice performed extensive diagnostics (no details provided). On 28 Dec 2017, an utrasound of the badder was performed and was later refered to referral hospital. The diagnostics showed Leptospirosis (unknown what test used) and a pool 3 day sample being done. Await further information.	Crossbred	Known	Nobivac KC4,N/A,N/A,10,0.4 ml 1 O - Unclass Unclass U2/06/2017- Unclass U2/06/2017- Unclass U4 bile Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml 1 Animal (12/06/2017-12/06/2017) RR> 		possible lack of efficacy but more information needed on testing coughing sounds unrelated
NOBIVAC L4	GBR-MERCIANSO-2018-UK-00996	United	Animal	Canine/dog	9 Year(s)	08/02/2018	13/02/2018	1	1 1 00	> Y R < < S	Known, GR>-GR >-GBX-GR>-GR Yes, GBX-GBX-GR Yes, GBX-GBX-GB -GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX	Decreased haemoglobin, Decreased packed cell volume (PcV) Hypochloraemia, Anaemia (PcV) Hypochloraemia, Anaemia (PcV), Hypochloraemia, Anaemia (PcV), Hypochloraemia, Austropenia, Hypertenson, Vomitting Bill indness, Retinal detachment, Death by euchansia, Decreased appetite, Malake, Blood in decreased appetite, Malake, Blood in decreased appetite, Malake, Blood in uniter, Proteinural, Tumurun mediated thrombocytopenia, Hyperphosphata emia, Elevated Bulk, Fleavated creatinine, Elevated Bulk, Fleavated creatinine, Fleavated ALT, Abnormal ultrasound finding	No Data	Suspected Adverse Reaction On S Feb 2018, dog vaccinated with bootset of Nobivac L4 and was chirclally well at Inter of vaccination. On Peb 2018, owner reported quiet, vorinted once and on chircla Learnination was unremarkable and treated with Pardale. On 13 Feb 2018, owner reports still unwell, subdued, refuced appetite passed ones blood in the Receas. Reports appears blind with pupils dilated and no menace response. The ophthalmic ceramination was suggestive of detached retinas. Blood sampling performed: UPC catals 244, Eco a significant proteorisms), Creation B11 (44-195). Uses 239, 12-5-86, N. 41 126 (10-125), Chilorde 108 (109-122), Lymphocytes 0.77 (1.0-5-1.0). Uses 239, 12-5-86, N. 41 126 (10-125), Chilorde 108 (109-122), Lymphocytes 0.77 (1.0-5-1.0) and PCT (0.10-4.04). An ocular utrasound was performed and showed detached retinas in both research of the Pardal Pardale Pard	Other Canine/dog		Dead for Supersion for Injection - 1	ssiflable/unassessa	Awaiting information

NOBIVAC LA	GBR-MERCKMSD-2018-UK-00972	United Kingdom	Animal	Canine/dog	9 Year(s)	11/01/2018	12/02/2018	1 1	1 31/01,	R>GR>GR>Ye	Thrombocytopenia, Lymphopenia, Pale mucous membrane, Collapse face also Cardio-vascular and Systemic disorders', Respiratory arrest, Respiratory distress, Rale, increased respiratory attended to the control of the co	No Data	Suspected Adverse Reaction On the 11 January 2018, the dog was clinically well and was vaccinated with Nobivac DHPPI and Nobiwac L4. On the 31 January 2018, the dog was presented as he developed laboured breating following a dog wask. On examination mucous membranes were pale, hear trate at 201, respiratory rate = 60, breathing laboured, chest sounded raspy. The dog was placed immediately into a 02 tent. In house blood test showed: MCH-283 ag (bl. (30-315, e) consignible. 202 (2011–40), platelets-24 K/uL (175-500), PCV 41% (reference range not given), mild low albumin-22 g/l. (reference rong gene) and plate of the complex of the	Jack Russell Terrier	5.7	Nobivac DHPPI, Lyophilisate for suspension for injection for Dogs - 1,N/A/M, A10, Int J Animal (11/0/12018- 11/0/12018- 11/0/12018-RR-BR-Nobivac L4 Suspension for injection for Dogs - 1,N/A/M, A10, Int J Animal (11/0/12018-11/0/12018)-BR-GR-GR-	B - Possible	NCA disagrees with MAH assessment - one possible trigger for immune mediated disease is vaccination and SFC lists immune mediated thromotory/openia. Product involvement is possible. Two vaccines given.
NOBIVAC L4	GBR-MERCIMISD-2018-UK-00973	United Kingdom	Animal	Canine/dog	4 Month(s)	17/01/2018	13/02/2018	1 1	1 05/02,	018 Yes, NeBR>NeBR>NeBR>Ne		Not Known	Suspected Lack of Expected Efficacy 27 Dec 2017, puppy presented for first vaccine of Nobiwac DHP and Nobiwac List Clarically Well at time of vaccination. On 17 Jan 2018, puppy recontated with second dose of Nobiwac DHP and Nobiwac List. On 5 Feb 2018, owner made a phone call to the practice to say puppy was lethangle. Presented same day and no abnormalistics on the physical examination however blood glucose 2.3 mmol/L (-3) and was given glucose and stomach protectants. On 6 Feb 2018, presented as was more lethangle, and anoresic and blood sampling performed. Festivation of 15 call (-100), Une 3 pt (-2) 1.04, Jul 7 268 (B-75), ALSP 1470 (46-337). An abdominal ultrasound was performed and was unremarkable—developed vomitting and diarrhoea. On 7 Feb 2018, puppy developing lotting problems (jurknown details) and was esthanised. A FCR was returned to the practice on 10 Feb 2018, this showed tectoprisosis positive on universal work or no revolved particle problems (jurknown details) and was esthanised. A FCR was returned to the practice on 10 Feb 2018, this showed tectoprisosis positive on universal beautones.	Chihuahua	1.5	Nobiwa CHP - 1,N/A,N/A, 10,1 ml 1 Animal (170/10/2018- 17/01/2018)-Ren-RBR-Nobiwac L4 Suspersion for Injection for Dogs - 1,N/A/M, 24,1 ml / 1 Animal (17/01/2018-17/01/2018)-SBR>SBR>	N - Unlikely	NCA agrees with MAH assessment.
NOBIVAC L4	GBR-MERCIOMSD-2018-UK-00993	United Kingdom	Animal	Canine/dog	4 Month(s)	30/11/2017	13/02/2018	1 1	0 22/01,	018 Yes, GBX-GBX-R R>-GBX-GBX-No	B Lack of efficacy (parvovirus)	Other	Suspected lick of expected efficacy in Oct 2017, at 6 weeks of age, feact date unknownl, dog was vaccinated with a Dev Accination while twith the breeder. Varcine brand unknown. On 30 Oct 2017, dog was vaccinated with Nobiace L4 and no reaction occurred. On 30 Nov 2017, dog was vaccinated with Nobiace L4 and no reaction occurred. On 90 was reported to be 10 weeks of age. On 30 Nov 2017, dog was vaccinated with Nobiace L4 (extra blade luse, treatment regime not respected.) On 4 Dec 2017, ver reported the dog had worming and distrinces, was bethrage, chelyntate and off colour. On had a temperature of 40.3 degrees. Cand X-rays were suggestitive of a foreign body. Treated with interaenous fulsals, intravenous fulsals, intravenous fulsals, intravenous experiment and Cereina. On 6 Dec 2017, vet reported the dog had ongoing previal. Urinalysis and bloods tests were reported as normal (results and details not given). Unknown If a Caline Parviovirus and a requested vascine three that another pupply from the litter had been diagnosed with Canine Parviovirus and requested vascine titre testing, Vet reported that about testing for vaccine titres showed adequate immunity to Distemper, however there was inadequate immunity to Canine Parviovirus and requested vascine titre testing. Vet reported that about testing for vaccine titres showed adequate immunity to Distemper, however there was inadequate immunity to Canine Parviovirus and Canine Hepstitis, freststs and details not given). Dog was asymptomatic at the time of titre testing, between vet was supplicious of a SLEE and reported sto canada supplication of the scale as a SLEE due to the gastronistential signs previously seen. On 13 Fe 2018, dog was accinated with Nobiaco DHP and Nobiaco L4. No further information expected.	Leonberger	32	Noblac DHP - 1.N/AN/A J.0.1 ml Unknown 1.Amim (10/11/2017- 10/11/2017-RR-RR-Noblac L4 Suspension for Injection for Dog - 1,N/AN/A .0.0.1 ml Unknown 1 Amimal (30/11/2017)- 30/11/2017)-BR>-BR>-	N - Unlikely	NCA agrees with the MAH comments
NOBIVAC L4	GBR-MERCIMISD-2018-UK-01041	United Kingdom	Animal	Canine/dog	3.2 Month(s)	30/01/2018	05/03/2018	1 1	0 16/02,	018 Not Known, GRX-GB ×6RX>GRX>GRX>GRX Not Known, GRX-GB ×6RX>GRX>GRX>GRX Rx>GRX>GRX>GRX Known, GRX>GRX>GRX>GRX>GRX>GRX>GRX>GRX>GRX>GRX>	Lack of efficacy (parvovirus)	Not Known	Saspected Lack of Expected Efficacy On the 9 January 2018, approximately at 10 weeks and 3 days of age, the dog was clinically well and was excinated with Mokinoc IPs. On the 15 Pebrawary 2018, the dog was presented with diarrhoes. A facecs SNAP Text (Henry Scheln) was performed and the dog resulted positive for Panov vins. The Packed Cell Volume was within normal limit (data not given). Full Insematology not performed date to lack of funding. The dog appeared bright, well in himself, estain fight, not delwyfasted. Textment with Periadae and Stomogyt to go home with was given Follow up 5 Nav 2018 Clinical History received On 2 Ian 2018, dog was vaccinated with Nobbac La and was reported as a bit underweight, but otherwise clinically well at the time of vaccination. Owner administered a Bravecto 112. Sing tablet (unknown if glem with flood) and Aligino tablet. No reaction occurred. On San 2018, dog was vaccinated with Nobbac Nova La not an Aligor tablet. No reaction occurred. On San 2018, dog was vaccinated with Nobbac Chara and was not vomiting very large of the properties	Crossbred	5.5	Brawetto 112.5 mg Chewable Tablets for Dos 2.115.5 M/AN/A. 3.115.5 mg Not applicable 1 Animal (20/01/2018): Rm Not applicable 1 Animal (20/01/2018): Rm Not applicable 1 Animal (20/01/2018): Rm Not applicable 1 Animal (30/01/2018): Rm Not appl	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01057	United Kingdom	Animal	Canine/dog	8 Week(s)	16/02/2018	19/02/2018	1 1	1 17/02,	018 Yes, <r> >R> R> R> R> R> R> R> R> R> R</r>	8 Found dead t	Not Known	Saspected Adverse Reaction on 16 Feb 2018, do year vaccinated with Noblava CIMP and Noblava CIMP and vas reported as clinically well at the time of vaccination. Net reported the puppy had dirty earts On 1.7 Feb 2018, owner found the puppy dead. Unknown if a post mortem will be performed. Await further information. Three other puppiers from the litter wave vaccinated with Nobbac CIMP and Nobbac CIMP and Nobbac CIMP and Nobbac CIMP and Vascor C	Crossbred	0.92	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (16/02/2018)=16/02/2018-16/02/2018-8-SR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,10,1 ml Not applicable 1 Animal (16/02/2018- 16/02/2018-18/02-8/08)	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01062	United Kingdom	Animal	Canine/dog	8 Week(s)	16/02/2018	19/02/2018	1 1	0 18/02,	018 Yes, SR>-BR>-BR>-No Known	Duil-typokalsemia, Reduced (dobuline, seu-cyorissi, Neutrophilis Pale mucous membrane, Diarrimoea, Vonntiling, Not eating, Albormat text result-typositomiaemia, Hypoghy aemia Hypoghy eamia Hypoghy e	Not Known	Sapercial Adverse Rescision On 16 Feb 2018, the dog was vaccinated with Nobiac DIP and Nobiac L4 (with the breeded) and was reported as clinically well at the time of vaccination. The Vet reported the puppy had drity ears. On 17 Feb 2018, the pupp was rehmend to more owners by the breeder. On 19 Feb 2018, the owner reported the dog was voniting (since 18 Feb 2018) and had darknows. The Vereported the dog was flat, had stopped eating, had a temperature of 39 degrees C and slightly pale mucous membranes. Bloods showed restroptible 17.4 C 21 Feb, WCR 22.75 (6 Feb), RRC 47.15 (5 +3.5), haemoglobin 9.3 (12 -18), haemation: 3.20 (13 *7-5.8), MCHC 23 (13 *3.9), Albumin 22 (25 *44), Amytises 80 (200-1200), creatine 28 (27 *12 *0.8) (200-20 *1.0). Explosion 36 (16 *1.5), Kotal protein 45 (25 *2) and globulin 21 (23 *52). Symptomatic treatment (details not given) and intravenous fluids given. Later that day set reported the puppy had not vointed and was bright. No further information expected. Three other puppies from the litter were vaccinated with Nobiac DRP and Nobiacs C4, and then reactice / Bease see linked cases 2014 VC 1005.2 and 2015 VC 1005 VC 1	Crossbred t	0.63	Nebbas C IPP - 1,1/4,N/A, 10,1 ml Not applicable 1, 19/4, N/A, 10,1 ml Not applicable 1, 19/4, N/A, 10,1 ml 16/07/2018-16/07/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018-16/07/2018	B - Possible	NCA agrees with MMI commercs, close association inter- ion and anounty months to onsert from succination and some known signs. 2 products used concurrently

											1							
NOBIVAC L4	GBR-MERCIMISD-2018-UK-01084	United Kingdom	Anmai	Canine/dog	15 Year(s)	06/02/2018	19/02/2018	1 1	1 09/02/	No. RX RX RX 		Other ii	Suspected Adverse Reaction. On 6 Feb 2018, the dog was vaccinated with Nobbac K2 and Nobbac L4 The vet reported that the dog hald been having seizures for the past couple of months, had a heart murmur and had ongoing weight loss. Extra label use of product, aminal not healthy at time of vaccination. Not on any treatment. On 749 2018, own reported the dog had seizure. On 9 Feb 2018, blood tests showed total protein 61.3 (63-71), albumin 30.7 (23-38), Uras 63.2 (27-7), creatinine 738 (100-133), choisterio 6.2 / 72 6-2.5 (), choinde 98 (100-116), phosphores 6.5 (38-716), R61.3 (30) (5.4-8.0), Haemoglobin 7.9 (12-18), haematocrit 2.2 8 (35-55), neutrophils 11.6 (1, 0-11.5), hymphocytes 0.56 (30-7.4), exispensity (10, 27-14), platesties 16 (170-50) and 30MA 83 (1-4). Treated with intraverous fluids. On 10 Feb 2018, blood tests showed three 79.3 (2-5-9.6) and creatinine 548 (44-159). On 13 Feb 2018, dog was euthanssed. No post mortem is being performed. No further information expected.	. Jack Russell Terrier	5.3	Nobbiac KC - 4.N/A/N/A 0.0.4 ml Not applicable 1.4 ninal 06/02/2018 - 68/02/201	OI - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSO-2018-UK-01110	United Kingdom	Animal	Canine/dog	9 Week(s)	05/02/2018	01/03/2018	1 1	0 05/02/	Known, > < Yes, > <bf< td=""><td>BR> Central nervous system depression</td><td>No Data</td><td>Sappetch Adverse Reaction On the 5 February 2018, the puppy was taken to the practice for the vaccination, he was clinically well and was given hobbase Drive Park Oblobuse. L1 herower reported that the puppy was a little bit guide in the evening but was normal all the next day. So on the 6 Februar 2018, the puppy was given retainment with Advocate. The vet reported that the puppy had received a Parov vaccine when he was still with the breeder (details unknown), and that the owner had left the puppy cutsice in the horse yard prior to the vaccination on the 5 February 2018, the none trade left the puppy developed acute onset of fethatery, conting and inappetence. The stoods were normal and the puppy had not host toy of toxon or foreign body exposure. On the 8 February 2018, when no history of toxon or foreign body exposure. On the 8 February 2018, when on history of toxon or foreign body exposure. On the 8 February 2018, when the puppy had a hunches posture, Capilary and Iffer time a 3 second, heart rate = 118 and he had lost 300 g in bodyweight. The blood test showed VCT = 28 h with he evidence of regeneration, resurphist court was normal but a second to the second of the puppy was present of the puppy was a present of the puppy was present of the puppy was a present of the puppy was present of the puppy was a puppy was puppy was a puppy</td><td></td><td>6.8</td><td>Advocate Spot- on Solution for Medium Dogs - 1,14/NA, NA/NA, NA/NA (MA-060/2/2018)-RBN-GBR-Nobivac Diffe-1-1,14/NA), AJ, Ol. HI Uriknows 1 Animal (GS/02/2018)-GBR-Nobivac Diffe-1-1,14/NA/A, Ol. HI Uriknows 1 Animal (GS/02/2018)-GBR-Nobivac Los Suspension for Injection for Dogs - 1,14/NA/A, Ol. John Uriknows 1 Arimal (GS/02/2018)-GBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-S</td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></bf<>	BR> Central nervous system depression	No Data	Sappetch Adverse Reaction On the 5 February 2018, the puppy was taken to the practice for the vaccination, he was clinically well and was given hobbase Drive Park Oblobuse. L1 herower reported that the puppy was a little bit guide in the evening but was normal all the next day. So on the 6 Februar 2018, the puppy was given retainment with Advocate. The vet reported that the puppy had received a Parov vaccine when he was still with the breeder (details unknown), and that the owner had left the puppy cutsice in the horse yard prior to the vaccination on the 5 February 2018, the none trade left the puppy developed acute onset of fethatery, conting and inappetence. The stoods were normal and the puppy had not host toy of toxon or foreign body exposure. On the 8 February 2018, when no history of toxon or foreign body exposure. On the 8 February 2018, when on history of toxon or foreign body exposure. On the 8 February 2018, when the puppy had a hunches posture, Capilary and Iffer time a 3 second, heart rate = 118 and he had lost 300 g in bodyweight. The blood test showed VCT = 28 h with he evidence of regeneration, resurphist court was normal but a second to the second of the puppy was present of the puppy was a present of the puppy was present of the puppy was a present of the puppy was present of the puppy was a puppy was puppy was a puppy		6.8	Advocate Spot- on Solution for Medium Dogs - 1,14/NA, NA/NA, NA/NA (MA-060/2/2018)-RBN-GBR-Nobivac Diffe-1-1,14/NA), AJ, Ol. HI Uriknows 1 Animal (GS/02/2018)-GBR-Nobivac Diffe-1-1,14/NA/A, Ol. HI Uriknows 1 Animal (GS/02/2018)-GBR-Nobivac Los Suspension for Injection for Dogs - 1,14/NA/A, Ol. John Uriknows 1 Arimal (GS/02/2018)-GBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-S	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIMSO-2018-UK-01114	United Kingdom	Animal	Canine/dog	11.5 Year(s)	13/12/2016	12/03/2018	2 2	0 30/09/		BR> efficacy, Weakness, Lethargy (see also Central nervous system depression in BR> 'Neurological'), Vomiting	No Data	Sopretted back of expected efficacy and Sugretted Adverse Reaction Dog possibly entire. On 25 Sept 2015, persented with unitary incontinence particularly at right and drinking more. Gincore H+++ in 100 Sept 2015, persented with unitary incontinence particularly at right and drinking more. Gincore H+++ in 100 Sept 2015, owner reports much better own Gincore more continuation at Jan. 3 Sept 2015. Owner reports much better own Gincore with the Sept 2015. Owner server that the server owners, it is also drinking and less incontinuors. BIGC started at 10 Jan. 20 Sept 2015. Owner is very less and with progress. No incontinuors overright but some this morning. Bight and earling well. 11 Cot 2016. mostly dry but frequently unitaring about 5-5 gm. Carlinvillum susally given at Sam/Gym 15 Cot 2016. Well bit 105, now 7 78g. Bight and earling well. 11 Cot 2016. mostly dry but frequently unitaring about 5-5 gm. Carlinvillum susally given at Sam/Gym 15 Cot 2016. Well bit 105, now 7 78g. Bight and earling well. Drinking lots. Si Git 20, 10 caread to 4 Hi Bill. 25 Cot 2016. Much brighter. Adminisgle sets. Sill betting around 5 gm each dry, 30 Cot 2016. Weight lots, now 7 2016. Weight lots, now 2016.	:	6.12	centration 4.0 III/m Suspension for injection - 1JM/Aw/JAAL Dose 1 Migration - 1JM/Aw/JAB-RBB-Migration - 1JM/Aw/JAB-RBB-Migration - 1JM/Aw/JAB-RBB-Migration - 1JM/Aw/JAB-RBB-Migration - 1JM/Aw/JAB-RBB-Migration - 1JM/Aw/JAB-JAB-Migration - 1JM/Aw/JAB-	01 - Inconclusive	NCA agrees with MAH assessment SAR O1
	GBR-MERCKMSD-2018-UK-01120	United Kingdom	Animal	Canine/dog	8 Week(s)		21/02/2018	1		R> Known		Not Known	Supercial bic of expected efficacy for parvo Owner reported that the pup was purchased from a breefer under poor conditions. On 10 Feb 2018, dog was vecinated with Noblove DPH and Noblova (if (first high-citon of primary course) and was reported as clinically well at the time of vaccination. On 11 Feb 2018, were propored that the dog was subuled post vaccination. On 21 Feb 2018, were reported that German part of the provincial solicity, increased the dog was somitting and had distributes. An in-house faceal snap test was positive for Canine Parovinsia. Blook showed lescopensis, neutropensis and econoghila flow values given) and vet reported that he was unsure if the blood machine was accurate as it was showing this trend in the havenatology in other animals that had been blood tested. Treaded with intravenous fluids and ranktidno. On 21 Feb 2018, ver reported that the dog was systemically well and bright. Practice proported as a SELF No further information executed.	Crossbred		Unknown 1 Animal (10/02/2018- 10/02/2018)-BR>-BR>-Nbivac L4 Suspension for injection for Dogs- 1,N/A,N/A, 10,1 ml Unknown 1 Animal (10/02/2018- 10/02/2018)-BR>-BR>	N - Unlikely	NCA agree with MAH assessment.
NOBIVAC L4	GBR-MERCXMSD-2018-UK-01131	United Kingdom	Animal	Canine/dog	8 Week(s)	17/02/2018	21/02/2018	4 4	1 18/02/		- Olaminoea Vomiting Mystigmus, De key thy by euthnassia / anapetence, Lethargy (see also Central nervous system depression in Neurological'), Blood in faeces, Dehydration, Hypoglycaemia	a No Data	Suspected Adverse Reaction On the 17 February 2018, the puppy was presented for the first vaccination and was given Nobbox EPP and Nobbox L4. This was done at the fire-defer's practice. On the 19 February 2018, the puppy was presented to a different practice as the owner over the week ent noticed that the puppy was ownering after the meals, although when examined the was longit alter and responsive, eating, dirinking unination and facecs were all normal, temperature = 39.2 degree Celsius. Tractament with "resimilarly diet" was advised. On the 20 February 2018, the puppy was presented with diarrhose, dehydrated, not eating (syringe fed., with traces of fresh blood on the thermometer, but no pyreals (datan of glyen). The puppy was bostpatised overnight and tracted with trust Yeurous Fluid Therapy, antibiotics and Cerenia. On the 21 February 2018, the puppy was better and had eaten overnight, the stood were normal and on eventing, But at 3 pain the afference on the properties of the puppy became very lethargic, had sign of instagrams and the blood glacose was 2.1 mmol/) (reference range not given). The verte properted that the puppy is not of alter of 7, but is the only on registered at his practice. Only 4 puppes in the latter, including this particular puppy, were vaccinated at the same time and with the same vaccines Nobiac CPP and Nobiac Let when all the with the benefice Apparently, all of all the pupper and the pupper and the practice. Only 4 puppers and the pupper and the puppers and the practice of the puppers and the p	Crossbred d	0.86	Nobiac DPP - 1,M/AN/A, 10,1 ml Unincom 1 Animal (17/02/2018) 17/02/2018) ether-RB-Nobiac L4 Suppension for Injection for Dogs - 1,M/AN/A, 10,1 ml 1 Animal (17/02/2018) 17/02/2018 - 18R-RB-RB-Nobiac L5 Suppension for Injection for Dogs - 1,M/AN/A, 10,1 ml 1 Animal (17/02/2018) 17/02/2018 - 18R-RB-RB-RB-RB-RB-RB-RB-RB-RB-RB-RB-RB-RB	B - Possible	NCA agrees with MAH comments

NOBIVAC L4	GBR-MERCKMSD-2018-UK-01152	United	Animal	Canine/dog	14 Month(s)	19/02/2018	22/02/2011	1	1 0	19/02/2018	Yes, <b< th=""><th>Pale mucous membrane,Lethargy</th><th>No Data</th><th>Suspected adverse reaction Vaccinated on 19 Feb 2018 with Nobivac DHP ,L4 and KC . The dog was fit</th><th>Crossbred</th><th>14.35</th><th>Nobivac DHP - 1,N/A,N/A ,10,1 ml</th><th>B - Possible</th><th>NCA agrees with MAH assessment</th></b<>	Pale mucous membrane,Lethargy	No Data	Suspected adverse reaction Vaccinated on 19 Feb 2018 with Nobivac DHP ,L4 and KC . The dog was fit	Crossbred	14.35	Nobivac DHP - 1,N/A,N/A ,10,1 ml	B - Possible	NCA agrees with MAH assessment
		Kingdom									R×BR> Yes, BR> Yes	(see also Central nervous system depression in 'Neurological')		and well at the time. Dronfal was dispensed but not given. Then 15 minutes later the dog developed page mucis membranes, was flat had a beart rate of 60. It was given adrenaline in practice and within 1 hour had fully resolved and was sent home. No more information expected.			Unknown 1 Animal (19/02/2018- 19/02/2018)-BR-×BR-Noblwac KC - 4,N/AN/A JOJ a HI Unknown 1 Animal (19/02/2018- 19/02/2018-BR-Noblwac L4 Suspension for injection for Dogs- 1,N/AN/A ,10,1 ml Unknown 1 Animal (19/02/2018-		
	GBR-MERCKMSD-2018-UK-01215	United Kingdom	Animal	Canine/dog	1.1 Year(s)	23/02/2018	26/02/2011	3 1	1 0	23/02/2018		Facial swelling (see also 'Skin'),Vomiting	No Data	Suspected adverse reaction. The dog was vaccinated with Nobvac DH and Nobvac LH. The dog was clinically well at the time of vaccination. Within 5 minutes, lead last leveling and nonthing occurred. The dog was treated with Chlorepheramine, Desadreson and Cerenia. The dog recovered well (3 days). No more information expected.	Pekingese	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (23/02/2018- 23/02/2018)-BR>-8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose 1 Animal (23/02/2018-23/02/2018)-BR>-BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC LA	GBR-MERCKMSD-2018-UK-01223	United Kingdom	Animal	Canine/dog	11.1 Year(s)	14/02/2018	23/02/2011		1 0	16/02/2018	Yes, <b< td=""><td>Cyanosis, Esercise intolerance, Breathing difficulty, Respiratory tract disorder NOS, Dry mucous membrane, Elevated BUN, Abnormal utrasound finding, Abnormal utrasound rinding, Abnormal utrasound rinding, Abnormal andiograph, acroise mais, Bermal and and and and and and and and and and</td><td>Not Known</td><td>Sispected Alverse Reaction On 14 Feb 2018, the dog was vaccinated with Nobivac DHP, Nobivac KC and Nobivac LC, Indically well in self. The dog is concurrently on Vetory in for Cultically well in self. The dog is concurrently on Vetory in for Cultically Well self. The dog is concurrently on Vetory in for Cultically Well self. The Committee of th</td><td>Lhasa Apso</td><td>10.2</td><td>Antibiotic Unidentified MANIANAN A JUnknown Unknown 1 Animal (20/02/2018- 20/02/2018)-BR-BB-Medicinal Onygen Air Liquide Sante 100% Inhabation Gas fro Dogs, Cats and Horses - N/AN/A,N/A, 24,Unknown Not applicable 1, Junimal MORA (Junimal MORA) (J</td><td>O1 - Inconclusive</td><td>NCA agrees with MAH assessment</td></b<>	Cyanosis, Esercise intolerance, Breathing difficulty, Respiratory tract disorder NOS, Dry mucous membrane, Elevated BUN, Abnormal utrasound finding, Abnormal utrasound rinding, Abnormal utrasound rinding, Abnormal andiograph, acroise mais, Bermal and	Not Known	Sispected Alverse Reaction On 14 Feb 2018, the dog was vaccinated with Nobivac DHP, Nobivac KC and Nobivac LC, Indically well in self. The dog is concurrently on Vetory in for Cultically well in self. The dog is concurrently on Vetory in for Cultically Well self. The dog is concurrently on Vetory in for Cultically Well self. The Committee of th	Lhasa Apso	10.2	Antibiotic Unidentified MANIANAN A JUnknown Unknown 1 Animal (20/02/2018- 20/02/2018)-BR-BB-Medicinal Onygen Air Liquide Sante 100% Inhabation Gas fro Dogs, Cats and Horses - N/AN/A,N/A, 24,Unknown Not applicable 1, Junimal MORA (Junimal MORA) (J	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01252	United Kingdom	Animal	Canine/dog	9 Year(s)	24/02/2018	26/02/2010	3 1	1 0	25/02/2018	Yes	Inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Vomiting, Diarrhoea	No Data	Suspected adverse reaction. The dog was vaccinated with Nobbact L4 on 24 Feb 2018. The following day vomiting, diarnhoea, lethargy and not eaten occurred. The dog was treated with Gerenia and Rantistine. Following day, the dog was admitted for IV Fluids and Bloods. Clinical signs not reported. Await more information.	Bulldog	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (24/02/2018- 24/02/2018) 	A - Probable	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXXXSD-2018-UK-01299	United Kingdom	Animal		6.5 Year(s)	07/02/2018	28/02/2011	1	1 0		Not Known, KRS-GR7-GR7- Not Known, Known, SR-SR7-SR7- Not Known, Known, SR-SR7-SR7- Not Known, SR-SR7-SR7- Not Known, Known	Diarrinosa, Vontiling, Anoresia, Decre assed apoette, Lethrary (see also Central nervous system depression in "Neurologica", Elevated temperature, Weight loss, Hyperglycemia, Ahormal uttrasound finding, Hypophosphataemia	Not Known	Suspected adverse reaction. The dog was vaccinated on 7 Feb 2018 with Nobwac L4 and they were unable to give the volowace K6 as the dog is difficult so they gave the vaccine of Nobwac KC so the dog is difficult so they gave the vaccine of Nobwac KC so the dog is difficult so they gave the vaccine of Nobwac KC so the dog is difficult so they gave the vaccine of Nobwac KC so the owner to do at home. Then no 12 Feb 2018 it developed womiting and mild pyresia (unknown what the temperature, It hough had normal stock). They placed the dog on Intravenous fulface and Single 18 Feb 2018 in the distribution of Realisting and Comparation. They placed the dog not intravenous fulface borderine of the duodenum was thickned. They then sent the dog home that day on Panacur (preparation and dose unknown) and the strain of the duodenum was thickned. They then sent the dog home that day on Panacur (preparation and dose unknown) and the strain of	Border Terrier		Nebbus KF 4.N/A,N/A, 10,0.4 ml Not applicable 1 not applicable 2 not a	B - Possible	Vomiting darrhoea, pyrexia lethargy and anorexia are expectedsygn following vaccination and two weeks is a reasonable temporal relation. The rest of the signs may or may not be related. Two product administered
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01337	United Kingdom	Animal	Canine/dog	5 Year(s)	28/02/2018	02/03/2011	1	1 0	28/02/2018	Yes, <b R>BR>>BR>Not Known</b 	Vomiting.Haemorrhagic diarrhoea	Not Known	Suspected Adverse Reaction On 28 Feb 2018, dog vaccinated with booster of Nobivac DIFP and Nobivac LOFF and Nobivac LOFF and Surface States and Surface States and Surface States and Surface States S	Labrador Retriever	21.6	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (28/02/2018) = 28/02/2018 SBN-> BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (28/02/2018-28/02/2018) = BR>> BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01340	United Kingdom	Animal	Canine/dog	9 Week(s)	08/02/2018	02/03/2011	1	1 0	16/02/2018	Yes, <b R>BR> Not Known, BR> BR> BR>BR> BR> BR>BR> BR> Not Known, BR> Not Known</b 	Lack of efficacy (parvovirus),Bloody diarrhoea,Fluid in abdomen NOS,Itchy skin,Hyperthermia	Not Known	Suspected Adverse Reaction & Suspected Lack of Sopaced of Efficacy. On 8 Feb 2018, puspy was vaccinated with Nobivac DHP and Nobivac L4, clinically well at time of vaccination. On 9 Feb 2018, developed bloody diarrhees, fluid in gots and temperature 39.3 digerest Celsius. The poppy was negative for Giardia and was treated with Probiotics, a prescription offet (unknown which) and Pariscu On 16 Feb 2018, a swap test was performed and was Parovivins positive but no confirmle as reology to laboratory. The dog started Metronidazole and continued a supportive delt. The puppy was develope little yish and was suspected Sarcoptes manage and treated with Advocate. Awalf Untribe information. 26 March 2018: WMD comment: veddra terms added: hyperthermia, fluid in abdomen, bloody diarrhoea.	Beagle	2.6	labbles CHF - 1.N/A,N/A,10.1 ml 1 Animal (08/02/2018-08R-Nobivac L4 Suspension for injection for Dogs- 1.N/A,N/A,10.7 ml 1 Animal (08/02/2018-08R-SBR>BR>BRAGUr 18.75% Oral Paste - N/A,N/A,N/A 24.Unknown 1 Animal (08/02/2018-09/02/02/02/02/02/02/02/02/02/02/02/02/02/	B - Possible	NCA does not agrees with MMH assessment. Hypethermia and diarrhoes are expected after succinations and less than 2A hours is a strong temporal relation. Lack of efficacy is not applicable, as efficacy cannot be expected in that inverfrance, however, product involvement is possible in the development of the figs. The puppy was positive for Panovirus however no serology was performed. Two vaccines administered concurrently.

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NOBIVAC L4	GBR-MERCKMSD-2018-UK-01344	United Kingdom	Animal	Canine/dog	6 Week(s)	22/02/2018	02/03/2018	1 :	1 0	24/02/2018	Yes, Not R> Not Known,
 Not Known</br 	'Neurological'),Digestive tract	Not Known	Suspected Alverse Reaction On 22 Feb 2018, the dog was vaccinated with first dose of a primary course of Nobibac PulP and Nobibac L4, (inclinal) well at time of vaccination and no other products were given. On 24 Feb 2018, developed letharge, quiet, not eating and shivering and a painful on palpation of the abdomen. On 25 Feb 2018, presented to the veterinary practice and continued lethargy and quiet; given Vetergeist, Pro-Bind and gastrointestinal dect. On 27 Feb 2018, the dog was bright and recovering well. On 28 Feb 2018, stopped eating again, durfnorea and pain on abdominal palpation. The dog was aniesthetical and had an exploratory laparatoriny; on investigation found enlarged memerine from typic holds and an accessive contraction of stomach with on appurent particular services were taken and puppy recovering and due to be discharged. No further particular services were taken and puppy recovering and due to be discharged. No further particular services were taken and puppy recovering and due to be discharged. No further particular services are serviced to the services of the contraction of the particular services and the particular services.	Miniature Dachshund		Nobiwac DHP - 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (22/02/2018)- 22/02/2018)-BR>-BR>-Nobiwac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (22/02/2018)-BR>-BR>-Vetergesic unidentified - N/A,N/A,N/A 2,4,Unknown Unknown 1 Animal (26/07/2018)-BRS-BR>-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXXXSD-2018-UK-01427	United Kingdom	Animal	Canine/dog	10 Week(s)	03/03/2018	19/03/2018	1	1 0	04/03/2018	Yes, Pes Per </td <td>Lack of efficacy (parvovirus)</td> <td>No Data</td> <td>Suspected Lack of Expected Efficacy On the 13 Pethauary 2018, at 7 weeks and 3 days of age, the pupp was given the first lose of vaccine with Nobicuc Dipt and Nobicu Cepte 20. On the 3 March 2018, at 1, weeks of age, the puppy was taken to a different practice and was vaccinated with the second dose o Nobicuc Dipt and Nobicu Cepte 30. On the First dose of Nobicuc Cepte 30. On the First dose of Nobicuc Cepte 30. The mixed was vaccinated with the second dose o Nobicuc Dipt and the first dose of Nobicuc Cepte 30. The mixed was vaccinated with the second social durinose and vomiting fuview. The puppy also lost 500 gr in book weight since the second vaccination. The dog was not take out for a walk or put in contact with any unsuccinated dog. The SNAP Parvo test resulted positive. The blood test showed: MCPC-28.4 (19.0-73), coincipulis-10. dol 1-1.49, resentines 12(2-1.106), sodium-14.4 (145-157), everything else was within normal limits (data not given). The puppy was hospitalized overright at the Out of Your visit cervice. The visit of the Visit of Visi</td> <td>D f g</td> <td></td> <td>Nobiac DHP - 1.N/AN/A, 10.1 ml Unincom 1 Anima (10/13/2018) Unincom 1 Anima (10/13/2018) 30/30/2018;48H8BN-Nobiac L4 Suspension for Injection for Dog- 1.N/A/A/A, 10.1 ml Unknown 1 Anima (10/33/2018;48H8BN-Nobiac Lepto 2 - 1.N/A/A/A, 30.1 ml 1 Anima (10/33/2018) 13/02/2018;48H8BN-Nobiac Lepto 2 - 1.N/A/A/A, 30.1 ml 1 Anima (1 Dayly) 13/02/2018</td> <td>N - Unlikely</td> <td>NCA agrees with MAH assessment</td>	Lack of efficacy (parvovirus)	No Data	Suspected Lack of Expected Efficacy On the 13 Pethauary 2018, at 7 weeks and 3 days of age, the pupp was given the first lose of vaccine with Nobicuc Dipt and Nobicu Cepte 20. On the 3 March 2018, at 1, weeks of age, the puppy was taken to a different practice and was vaccinated with the second dose o Nobicuc Dipt and Nobicu Cepte 30. On the First dose of Nobicuc Cepte 30. On the First dose of Nobicuc Cepte 30. The mixed was vaccinated with the second dose o Nobicuc Dipt and the first dose of Nobicuc Cepte 30. The mixed was vaccinated with the second social durinose and vomiting fuview. The puppy also lost 500 gr in book weight since the second vaccination. The dog was not take out for a walk or put in contact with any unsuccinated dog. The SNAP Parvo test resulted positive. The blood test showed: MCPC-28.4 (19.0-73), coincipulis-10. dol 1-1.49, resentines 12(2-1.106), sodium-14.4 (145-157), everything else was within normal limits (data not given). The puppy was hospitalized overright at the Out of Your visit cervice. The visit of the Visit of Visi	D f g		Nobiac DHP - 1.N/AN/A, 10.1 ml Unincom 1 Anima (10/13/2018) Unincom 1 Anima (10/13/2018) 30/30/2018;48H8BN-Nobiac L4 Suspension for Injection for Dog- 1.N/A/A/A, 10.1 ml Unknown 1 Anima (10/33/2018;48H8BN-Nobiac Lepto 2 - 1.N/A/A/A, 30.1 ml 1 Anima (10/33/2018) 13/02/2018;48H8BN-Nobiac Lepto 2 - 1.N/A/A/A, 30.1 ml 1 Anima (1 Dayly) 13/02/2018	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCXXXSO-2018-UK-01430	United Kingdom	Animal	Canine/dog	4.4 Year(s)	19/01/2018	21/03/2018	1	1 0	21/01/2018	Known,
 Not Known,
 Yes, Not</br </br 	Abdominal pain, Diarrhoes, Vomitting, Knuckling, Seizure NOS, Unable to stand, Reduced reflexes, Twitching, Pyrexia, Abnormal Itest result, Sensation loss, Monocytosis, Interventebral disc, disease, Behavioural disorder NOS, Low platelet count, Leucocytosis, Neutrophilia	Not Known	Suspected Adverse Reaction On 15 Jan 2018, the dog was vaccinated with restant of vaccinations of Noblobic DHP and Nobboke L14 and was clinically well at time of vaccination, On 21 Jan 2018, dog had seture in the morning that Isated approximately 5 minutes — the dog then had profuse womiting and disurfness. Latter these and day, the dog had another soliuse and then was presented, in consult the dog was nervous and blood sampling performed. Neutrophils 15.33 (2.95-11.64), Monocytes 1.29 (0.15-12), MIC 120 (15) 50-15-70, Isation(bill to 30 (10.61-12) and Patelests 111 EIAP4-844.1 The dog starred treatment with Epiphen. On 24 Ian 2018, the dog started vomiting and having districtes but continued medication. On 1 Feb 2018, the women tried to table the dog but was whitely and then managed this and dog stopped being twitchy, On 3 Mar 2018, the dog son binned! districtes, presia (35 9 degrees Califor), sorve abdomen—gene Methodachin praduction and the same day, dog could not stand, knuckling on both hind legs and was presented on a stretcher—on examination temperature 30 degrees, cellulus and had reduced pain response on hind years. The dog was referred a referral hospital, it was found dog had a interventebral dist. disease and had surgery to correct this Await further information. The dog has a history of vomiting and districes prior to vaccination. Follow up 21 Mar 2018 - On 21 Mar 2018, we reported that the dog had no deep pain semantion in either hindlinib. Await turther information.			Epidhen unidentifiled: -N/AN/A/N/A /A/Jukhonow Intowown 1 Animal (21/01/2018- NA)-BRSBRS-Metrobactin 500 mg Tablets for logs and Cats- NA/A/N/A /AJ/A/Intowown Unknown 1 Animal (03/03/2018- NA/ASN-A 30.1 ml Not applicable 1 Animal (15/01/32/018- NA/BRSBRS-Noblowa C MF -Supersion for Injection for Dogs- Chamila (15/01/32/018-) (19/01/2018)-BRS-Portable 1 Animal (15/01/32/018-) (19/01/2018)-BRS-Portable 1 (19/01/2018)-BRS-Portable 1 (19/01/2018)-BRS-BRS-Portable 1 (19/01/2018)-BRS-BRS-BRS-Portable 1 (19/01/2018)-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS	O- Unclassifiable/unassessa ble	Awaiting tirl ormation
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01475	United Kingdom	Animal	Canine/dog	3 Month(s)	16/02/2018	09/03/2018	1 :	1 0	16/02/2018		Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Increased respiratory rate,Eyes rolling back,Unresponsive to stimuli		Suspected Adverse Reaction On Lis Feb 2018, puppy was succinated with first dose of primary course of Nobinac DNP and Nobinac L4. The same day, approximately 8 hours post vaccination the owner reports collapsed, unresponsive, eyes rolling and fast reportatory rate. The owner three waster over the dog but had no response to list. The puppy was preserted and no abnormalities were observed and no treatment given and was sent home. No further reports of a similar episode and no further information espected.	e		\(\alpha\)	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01490	United Kingdom	Animal		4.1 Year(s)	09/03/2018	09/03/2018	1	1 0	09/03/2018	Yes	Facial swelling (see also 'Skin'),Panting,Laboured breathing	No Data	Supected Alverse Reaction on the 9 March 2018, at 9.03 m., the dog was presented for the booster vaccine with Nobinz La dan Nobias KC. Due to a suspected adverse nection concurred in March 2018 (see linked case), the vet decided to administer only Nobias L1 vaccine. Approximately 7 hours after administration, the owner reported that the dog was parting a for this lival kind and lab bourd breathing for a few hours but settled once arrived at home. Approximately 6 hours after vaccination, when re-check by the vet, the dog was chincillary formal. However, due to the suspected adverse reaction occurred in March 2017 (see linked case), treatment with or all steroids for 5 days was given. On the 12 March 2018, the owner reported that over the week end the deg showed facial swelling, on as bad as last year though, but now had resolved. No more information expected. This case is linked to case 2018. URS 108383	7	10	Nobiwa L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Arima (199/03/2018-09/03/2018)-BR>-CBR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCIXMSD-2018-UK-01509	United Kingdom	Animal	Canine/dog	4 Month(s)	06/02/2018	26/03/2018	1	1 1	05/03/2018	Yes_GR>-GB>-G R~-GB>-GB>-Not Known	Death, Lack of efficacy (bacteria NOS)	Not Known	Suspected Lex of Expected Efficacy On 9 Jan 2018, the puppy was vaccinated with Nobixe C DIPF and Nobixe C Let X the go of 8 weeks. On 23 Jan 2018, the puppy given second doso or Nobixe C DIPF and Nobixe C Let X the 2018 had second Nobixe C Let X the C Let X the X to X t	у : : : : : : : : : : : : : : : : : : :		Noblac DIP - 1.M/AN/A, 20.1 ml Not applicable 1.Amial (23/01/2018- 23/01/2018)-6880-48R-Noblac L4 Suspension for injection for Dogs - 1.A/A/A, 20.1 ml Not applicable 1 Amimal (66/07/2018-68R-48R-	O1 - Inconclusive	NCA agrees with MAN assessment - lack of efficacy cannot be discounted.

NOBIVAC L4	GBR-MERCKMSD-2018	3-UK-01525	United Kingdom	Animal	Canine/dog	6.3 Year(s)	06/11/2017	12/03/2018	1 1	0 03/0	1/2018 Not Known	n, <br< th=""><th>Low platelet count, Tachycardia, Diarrhoea, Haem</th><th>No Data</th><th>Suspected Lack of Expected Efficacy (SLEE) and Suspected Adverse Reaction (SAR, added by MAH) On: Oct 2017, a 6 year old dog was vaccinated with Nobivac DHP, Nobivac L4 and Nobivac KC. Dog was</th><th>9 Crossbred</th><th>15.6</th><th>Bravecto 500 mg Chewable Tablets for Dogs - 500,N/A,N/A ,3,500 mg</th><th>O - Unclassifiable/unassessa</th><th>NCA agrees with MAH assessment</th></br<>	Low platelet count, Tachycardia, Diarrhoea, Haem	No Data	Suspected Lack of Expected Efficacy (SLEE) and Suspected Adverse Reaction (SAR, added by MAH) On: Oct 2017, a 6 year old dog was vaccinated with Nobivac DHP, Nobivac L4 and Nobivac KC. Dog was	9 Crossbred	15.6	Bravecto 500 mg Chewable Tablets for Dogs - 500,N/A,N/A ,3,500 mg	O - Unclassifiable/unassessa	NCA agrees with MAH assessment
											No, GBR R>GR: Known >GBR- Yes, dd R>GR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR	R> Not n, <br MR> MR> MR> MR> MR> MR> MR> MR> MR> MR> MR> M</br 	orrhagic diarrhoea Vomiting Hypocalcaemic condition, Fracture Inappetence, Jet harpy (see also Central nervous Harpy (see also Central nervous system depression in Neurological') Localised pain NOS (see other SOCs' for specific pain), Weight loss, Cutaneous emphysem, Dehydration, Dry mucous membran, Teuma NOS, Abdominal discomfort, Elevated total bilirubin, Elevated SAP Hyponartemia, Lack of efficacy (bacteria NOS)		instated with Miliquantel and a Bravecto 500mg tablet (unknown if given with food). On 6 Nov 2017, dog was vaccinated with Nobleact Lo. On 3 Jan 2018, dog was in a road traffic accident (RTA, 548) and was reported as being painful on the hindlinbs (SAR), had mild right sided subcutaneous emphysema (SAR) over the thoristic will and was treated with Intraveous fluid, vetergesic and Artescam. On 6 Jan 2018, dog was treated with Parisdale for pain post TRA. On 8 Jan 2018, Pardale was stopped (own said view and to chroning the dogs pain and dog was treated with Transdoct. On 12 Jan 2018, Arraga showed a chip fracture of the caudal aspect of the right schlam (SAR). Treatment with Metacam and district of the caudal spect of the right schlam (SAR). Treatment with Metacam and add was not controlling the dogs pain and dog was treated with Transdoct. On 12 Jan 2018, Arraga and had a temperature of 39.1 degrees. C. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported that the ogg had an unconfortable abdomen and tacky mucous membranes. Vet reported the dispersable, ramitidine, Metronidazole, buperenorphine and Gerenia. On 21 Jan 2018, vet reported the day had ongoing hamomrhagic and the dog was negoperence. On 23 Jan 2018, vet reported the day had ongoing hamomrhagic and the dog was or on ontiting, but the dog had ongoing the day of the original part of the day of the original part of the	d d d d t		Unknown 1 Animal (09/10/2017- 60/10/2017-08-RB-Metacam unidentified - 1.NI/A.NIA, 24,1 Dose Unknown 1 Animal (17 payls) 03/01/2018- 03/01/2018- 03/01/2018- 12.5 mg/12.5 mg Tablets for Dogs 2-3.1 Dose Unknown 1 Animal 109/10/2019-08-RB-Nobbwac DIP- 1.NI/A.NIA, 1.0.1 mt Unknown 1 Parimal 09/10/2017-08-RB-Nobbwac DIP- 1.NI/A.NIA, 1.0.1 mt Unknown 1 Animal 09/10/2017-08-RB-Nobbwac LIP- 2.NI/A.NIA, 1.0.1 mt Unknown 1 Animal 09/10/2017-08-RB-Nobbwac LIP- 3.NI/A.NIA, 1.0.1 mt Unknown 1 Coll 11 2.NI/A.NIA, 1.0.1 mt Unknown 1 Coll 11 2.NIII. 1.0.1 mt 1.0	ble	
	GBR-MERCKMSD-2018		United Kingdom	Animal	Canine/dog		12/03/2018	13/03/2018	1 1		> + Yes, <bi R><br: Known</br: </bi 	BR> <b R>>BR>Not n</b 	Pulmonary oedema, Death, Lethargy (see also Central nervous system depression in "Neurological"), Coughing up blood, Abnormal radiograph finding	Not Known	Suspected Adverse Reaction On 12 Mar 2018,the dog was vaccinated with Nobbac DHP and Nobbac L4 and was reported as clinically well the time of vaccination. This was the second vaccination of the primary course, no details on the first vaccinations were given. Four hours later, the out of hours were reported the down set letting and no coughing up blood. A rays showed pulmonary oederna. Blood tests were performed, no results given. Treated with oxygen therapy. On 13 Mar at 4.00am the dog died. A post mortem is being performed. Awalt further information. Open case.	Crossbred		and Horses - N/A,N/A,N/A 24,Unknown Unknown 1 Animal (12/03/2018- 12/03/2018-BR>-cBR>Nobivac DHP -1N/A,N/A, 10,1 ml Not applicable 1 Animal (12/03/2018- 12/03/2018-BR>-RBP>Nobivac L4 Suspension for Injection for Dogs -1N/A,N/A, 10,1 ml Not applicable 1 Animal (12/03/2018- 12/03/2018-BRP>-RBP>	O - Unclassifiable/unassessa ble	Awaiting Information
NOBIVAC L4	GBR-MERCKMSD-2018	-UK-01556	United Kingdom	Animal	Canine/dog	9 Week(s)	27/02/2018	13/03/2018	1 1	0 02/0		BR> <b R> Not n</b 	Lack of efficacy (parvovirus)	Not Known	Saspected Lack of Spected Efficacy On 27 Feb 2018, puppy presented for first dose of Nobiwac DIP and Nobiwac II. Clinically well a time of avoication. On 11 May 2018, owner had a call from breeder informing a litter mate had Parvovirus and was not vaccinated at this point. On 2 Mar 2018, puppy presented to verterinary practice with a temperature of 32 of degrees Cellisis, aget and had vomitted. Blood sampling performed: AIP 132 (12-83), Phosphorus 3.23 (0.8-8), Calcium 3.07 (2.3.3), Choirde 8.1 Close 33 (0.8-8), Calcium 3.07 (2.3.3), Choirde 8.1 Close 33 (0.8-8), Calcium 3.07 (2.3.3), Choirde 8.1 Close 34 (0.8-8), Calcium 3.07	Hungarian Short-haired Pointing Dog (Vizsla) 5 t		Nobiac DHP - 1.N/A.N/A, 10,1 ml Not applicable 1-Aimlai [27/02/2018-270/2018-270/2018-870/2018-870/2018-870/2018-870/2018-870/2018-88-88-Nobivac L4 Suspension for Injection for Dogs - 1.N/A/N/A, 20,1 ml 1-Aimlai [27/02/2018-27/02/2018)-8R>-6RP>	N - Unlikely	NCA agrees with MAH assessment
	GBR-MERCKMSD-2018		United Kingdom	Animal	Canine/dog		12/03/2018	14/03/2018	1 1		> - Yes, <bi r=""><br. known=""> - Not Known > - Not Known > - Not Kn</br.></bi>	<pre>> <b< td=""><td>Death,Addominal pain,Urable to stand,Vomifice,Iethurgy (see also Central nervous system depression in 'Neurological'),Malaise</td><td>Not Known</td><td>Suspected Adverse Reaction On 12 Mar 2018, puppy was vaccinated with Nobinac DHP and Nobinac Lichically well at 16m of vaccination. The puppy was microripped at the same time. On 13 Mar 2018, puppy was presented as was very lethangic and subdued post vaccination; eaten that morning but ther committed everything up and was unable to stand up on her legs, every sone on abdominal palaption. The puppy was given Buprenorphine (prailly). Cerenia and frantidine. Same day later in the evening, puppy was presented to the practice dead and resuscitation efforts were made (looped therapy and intra-trackeal adrenaline) but unsuccessful. A post mortem is to be performed and await further information.</td><td>Pomeranian</td><td></td><td>Cerenia undentfiled - N/AN/AN/A 24. Unknown Unknown 1 Animal (13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-18-Noblwac L4 Supersion for Injection for Dogs- 13/03/2018-18-08-18-Noblwac L4 Supersion for Injection for Dogs- 13/03/2018-18-08-18-08-19-percorphin 13/03/2018-18-08-19-percorphin 13/03/2018-18-08-19-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-13/03/2018-18-2-c-BR-</td><td>Unclassifiable/unassessa ble</td><td>Awaiting information</td></b<></pre>	Death,Addominal pain,Urable to stand,Vomifice,Iethurgy (see also Central nervous system depression in 'Neurological'),Malaise	Not Known	Suspected Adverse Reaction On 12 Mar 2018, puppy was vaccinated with Nobinac DHP and Nobinac Lichically well at 16m of vaccination. The puppy was microripped at the same time. On 13 Mar 2018, puppy was presented as was very lethangic and subdued post vaccination; eaten that morning but ther committed everything up and was unable to stand up on her legs, every sone on abdominal palaption. The puppy was given Buprenorphine (prailly). Cerenia and frantidine. Same day later in the evening, puppy was presented to the practice dead and resuscitation efforts were made (looped therapy and intra-trackeal adrenaline) but unsuccessful. A post mortem is to be performed and await further information.	Pomeranian		Cerenia undentfiled - N/AN/AN/A 24. Unknown Unknown 1 Animal (13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-13/03/2018-18-Noblwac L4 Supersion for Injection for Dogs- 13/03/2018-18-08-18-Noblwac L4 Supersion for Injection for Dogs- 13/03/2018-18-08-18-08-19-percorphin 13/03/2018-18-08-19-percorphin 13/03/2018-18-08-19-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-08-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-18-18-2-percorphin 13/03/2018-13/03/2018-18-2-c-BR-	Unclassifiable/unassessa ble	Awaiting information
NOBIVAC L4	GBR-MERCKMSD-2018	8-UK-01576	United Kingdom	Animal	Canine/dog	6 Year(s)	03/11/2017	13/03/2018	1 1	0 06/1	1/2017 Not Kn	nown	Lymphopenia, Weight loss, Appetite disorder NOS, Elevated BUN, Elevated BUN, Elevated creatinine, Emesis (multiple)	Not Known	Suspected Adverse Reaction On 3 Nov 2017, does was vaccinated with Noblac L4. This was the secon vaccination of the primary course. On 8 Nov 2017, owner reported that the dog was being picky with food and would only eat human food not his normal diet. No treatment was given. On 13 Feb 2018, owner reported the dog had been picky with food since So No 2017. Vet reported the dog had bot weight, was 26.5 kg in Oct 2017 and weighed 22.0 kg on 13 Feb 2018. Vet reported the dog was somitting intermittently. Vet reported blood tests showed midd hymphopaenia (no results given), urea 8.8 (17-7.4) and restratine 219 (20-12). Treated with 70 Link (does unknown.) On 11 Mar 2018, vet reported the dog had ongoing weight loss and continued to only eat human food. Vet reported the dog weighed 21.0kg. Treated with Creams. Follow we peet/ed. Dog was succinated on 6 Oct 2017 with Noblvac L4 and reacted. Please see linked case 2017-UK-05945.	d Crossbred	26.5	Nobiwac L4 Suspension for Injection for Tops-1,N/M/, 1,0,1 ml Pilot for Dogs-1,N/M/, 1,0,1 ml Pilot applicable 1 Animal (03/11/2017-03/11/2017)<-BR><-BR>	B - Possible	NCA agrees with MAH assessment

NOBIVAC L4	GBR-MERCIMASO-2018-UK-01577	United Kingdom	Animal	Canine/dog	17 Month(s)	20/01/2018	14/03/2018	1 1	0 06/03/2018	Yes, ABX~BRX~B RX~BRX*GRX*GRX*GRX~GRX~GRX~GRX~GRX BRX~BRX~BRX BRX~BRXNOT Known	Lack of efficacy (parvovirus)	Not Known	Suspected Lack of Expected Efficacy Prior to owners possession the puppy was vaccinated with first Nobbace L1-on 319 and 2017, the dog was vaccinated with second dose of Nobbac DHP on 25 Jan 2017, second dose of Nobbace L4-on 191 and 2018, the dog was vaccinated with second dose of Nobbace L4-on 2018, the dog was contained with Souther Office Prior 2018, the dog started vomiting and became inappetent. On 7 Mar 2018, the owner presented the dog to emergency practices as has emained imappetent, continued vomiting and lettangic and no abnormalities were found on examination; treated with Zantac syrup, Prokolin and Cerenia. On 8 Mar 2018, the dog was re-examined with prolife hardorn solven provinging control, tachycardic, collapsed and was diagnosed with an intrassucception on radiographs. The dog was given intravenous fund thereapy, although the Control of the Contro	Swedish Lapphund	19	Nobwac DHP - 1,M/A,N/A, 10,1 ml Not applicable 1 Animal (19/02/2017- 19/07/201	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01602	United Kingdom	Animal	Canine/dog	3 Month(s)	09/03/2018	26/03/2018	1	0 09/03/2018	Not Known, GR >GR YES, <td>Decreased appetite,Lethargy (see</td> <td>Not Known</td> <td>Supected Adverse Reaction In 9 Mar 2018, puppy vaccinated with second dose of Nobiasc LIPE and Nobiasc LI, direction and earlier and residence of Nobiasc LIPE and Robbiasc LI</td> <td>Staffordshire Bull Terrier</td> <td></td> <td>Meloxidy I.5 mg/ml Oral Suspension for Dogs -N/A/N/A/N/A 2,3 Unknown Unknown I Animal (13/03/2018-N/A/8H-B-R8-N-Obuse UPP - 13/A/N/A, 10,1 ml Not applicable 1 Animal (19/03/2018- 80/03/2018)-RBBB-Nobuse L4 Suspension for Ingiction for Dogs - 13/A/A/N/A, 10,1 ml Not applicable 1 Animal (20/32/2018)-BBBB 09/03/2018-BBBB</td> <td>B - Possible</td> <td>NCA agrees with MAH assessment</td>	Decreased appetite,Lethargy (see	Not Known	Supected Adverse Reaction In 9 Mar 2018, puppy vaccinated with second dose of Nobiasc LIPE and Nobiasc LI, direction and earlier and residence of Nobiasc LIPE and Robbiasc LI	Staffordshire Bull Terrier		Meloxidy I.5 mg/ml Oral Suspension for Dogs -N/A/N/A/N/A 2,3 Unknown Unknown I Animal (13/03/2018-N/A/8H-B-R8-N-Obuse UPP - 13/A/N/A, 10,1 ml Not applicable 1 Animal (19/03/2018- 80/03/2018)-RBBB-Nobuse L4 Suspension for Ingiction for Dogs - 13/A/A/N/A, 10,1 ml Not applicable 1 Animal (20/32/2018)-BBBB 09/03/2018-BBBB	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01623	United Kingdom	Animal	Canine/dog	14 Month(s)	21/12/2017	15/03/2018	1 1	0 14/01/2018	Yes, <b R> Yes, >CBR> BR> Known</b 	Lack of efficacy	Not Known	Suspected Liex of Expected Efficacy On 32 Dec 2016, dog was vaccinated with Nobivac DFP and Nobivac LOFF and reaction occurred. On 51 and 2017, dog was vaccinated with Nobivac LFP and no reaction occurred. On 51 and 2017, dog was vaccinated with Nobivac LFP and no reaction occurred. On 15 and 2017, dog was vaccinated with Nobivac LFF and not reaction occurred. On the control of	Border Terrier		Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (2)1/12/0017 21/12/2017/BR-SBN-Dobivac KC- 4,N/A,N/A, 10,0 a ml Unknown 1 Animal (2)1/12/0017-BB-SBN-Dobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (2)1/12/0017- 21/12/0017-BB-SBN-Dobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 20,1 ml Unknown 1 Animal (2)1/12/2017- 21/12/2017/BBR-SBN-Dobivac L4	O - Unclassifiable/unassessa ble	Awaiting information
	GBR-MERCKMSD-2018-UK-01631	United Kingdom	Animal	Canine/dog		06/02/2018	15/03/2018	1 1		Yes, <b R>BR>BR>Yes, >BR> BR>BR> Known</b 	Tarry or black stool (see also haemorrhagic diarrhoea), Seiture NOS, Twitching, Sudden death, Inappetence, Lethargy (see also Central nervous system depression in Neurological'), Off colour, Not eating, Unresponsive to stimuli	Not Known	Supected Adverse Reaction On 5 reb 2018, dog presented for a booster of Nobivac DHP, Nobivac L4 and Nobivac KCT, wower reports was intermittently of Louis and off flood since vaccination. On 2 Mar 2018, owner rang emergency practice as the dog was lethargic, not eaten for two days and passed smally black faeces and started selturing - urresponsive and twitching the dog died on arrival to the practice. The owner states dog has been quieter than normal over the past two months. No post mortern to be performed and dog has been cremated. No further information expected.	Yorkshire Terrier		Nobiwac DHP - 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (06/02/2018)- 6BR>-BR>Nobiwac KC - 4,N/A,N/A, 10,0.4 ml Not applicable 1 Animal (06/02/2018)- (06/02/2018)- 8BR>-BR>Nobiwac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (06/02/2018-		NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01655	United Kingdom	Animal	Canine/dog	14 Week(s)	12/03/2018	16/03/2018	1 1	0 13/03/2018	Yes, <b R> >Not Known</b 	Vomiting_Letharpy (see also Central nervous system depression in "Neurological"],Diarrhoea	l Not Known	Suspected adverse reaction On 12 Mar 2018, dog was vaccinated with Noblava L4 and Nobbuse KC. The Nobbus L4 succination was the second injection of the primary course, no details of the first vaccination available. On 15 Mar 2018, womer reported that the dog was slethargic and vomited the day after vaccination (13 Mar 2018). Vereported on 15 Mar 2018 that the dog vomited and had distribuse. Vet reported the dog was bright, alert and responsive and nothing abnormal was found on clinical examination. Treated with an ambitistame in ejection. On 15 Mar 2018, vere reported the dog had ongoing vomiting and distribuse. Blood tests showed the biochemistry to be normal (details not glown). Vet response the dog was very beight in demenon: Treated with intravenous fluids and probibilist during the day and sent the dog home to the owner that evening. No further information eventered.	Labrador Retriever	13	Nobivac KC - 4,N/A,N/A, 10,0.4 ml Unknown 1 Animal (12/03/2018- 12/03/2018)-BR>-BR>Mobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 10,1 ml Unknown 1 Animal (12/03/2018- 12/03/2018)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01670	United Kingdom	Animal	Canine/dog	12 Week(s)	17/03/2018	19/03/2018	1 1	0 17/03/2018	Yes, <b R>BR> Not Known, BR >BR> Yes</b 	Eyelid oedema,5wollen face (see also 'Skin')	Not Known	Suspected adverse reaction Vaccinated on 17 February 2018 with Nobius CHP and L8 and no reaction occurred. Then on 17 March 2018 with Nobius CHP and L4 by also applied ere cleaner (unknown brand) Then 2 hours later it developed a swollen muzele and eye lids. The skins fine and no other reaction has occurred. They gave Chloriphenamien and melostam, the swelling reduced within a few hours and had recovered the next day. No more information expected	Miniature Dachshund	2	Nobivac DHP - 1,N/A,N/A, 10,1 ml Urknown 1 Animal (17/03/2018- 17/03/2018)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 10,1 ml Urknown 1 Animal (17/03/2018- 17/03/2018-BR>-BR>-BR-Par product (unauthorised VP) - 1,N/A,N/A, 24,1 Dose Urknown 1 Animal (17/03/2018-17/03/2018)-BR>-BR>	B - Possible	NCA agrees with MAH assessment
	GBR-MERCKMSD-2018-UK-01695	United Kingdom	Animal		10 Week(s)		19/03/2018	1 1	0 17/03/2018	Known, Not Known	Central nervous system depression in Neurological'), Pyrexia, Dehydration Abnormal test result, Emesis (multiple), Hypostermia, Lack of efficacy (parnowirus), Lymphocytosis, Not eating	Not Known	Supercted Adverse Reaction SAR, Practice reporting as SAR, 10 n.15 Mar 2018, pupp vaccinated with Noblwac DHP and Nobibac L4 as a third vaccination (The puppy had received Versican vaccines with the breeder - unknown details). On 17 Mar 2018, puppy was presented vomiting, lethangic and not eating. On examination temperature was 39.1 degrees Celsius, heart rate 180 bests per minute; given Cerena injection and a bland gastrointectional Octool. On 18 Mar 2018, owner managed to get puppy to est but then proceeded to wornt this up, still lethangic and developed diamhoea. The puppy was admitted, blood sampling performed: tymphocytes 6.4 (70.5.4.9.1), Encomplia 10.00 (10.11), 30.00 m.138 (12.5-15) and Creatinine 10 (27-10.6). Given a further Cerenia injection and was sent to the emergency practice for ownight care. On 19 Mar 2018, comited at letting great option of the proprincip practice. The puppy was still lethangic and very dehydrated. A dry wash was taken for paravovirus, PKR and wast results from a faceal sample. Ideas text was spositive for Proviouris. Avail further information. NCA note: added SLEE (parvo) as veddra term. Changed Cerenia to best guess (inities table).	Miniature Dachshund		Cerenia Drng/ml Solution for injection for Dogs and Cats - 1,N/A/N/A 2.4, Dose Unknown 1 Anima (1 Day(s) 17/03/2018- 18/03/2018/8-Re-SR-Nobiwac DIP- 1,N/A/N/A 1,0,1 ml 1 Animal 15/03/2018/8-RP8RP-Nobiwac L4 Suspension for frijection for Dogs - 1,N/A/N/A 1,0,1 ml 1 Animal (15/03/2018-15/03/2018)-BRBRP-	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	GBR-MERCKMSD-2018-UK-01698	United Kingdom	Animal	Canine/dog	1.3 Year(s)	20/03/2018	20/03/2018	1 1	0 20/03/2018	Yes, <br< br="">Yes</br<>	Generalised itching.Swollen face (see also 'Skin').Increased heart rate, Yomiting, Anaphylaxis, Increase d respiratory rate, Breathing difficulty	No Data	Superted Advence Reaction on the 20 March 2018, the dog was presented for vaccination and was given Robinez. Der Part Robinez L4. Appointmently 1, hour after administration the dog was taken back to the practice with swollen face and breathing difficulty. The owner reported that at home the dog was womiting and tiching all over his body. The heart rate = 140 ppm, respiratory rate = 35 and the body temperature = 33.1 degree Celsius. Treatment with steed oil specifical, aristimation intra venous injection and oxygen was given. The swelling went down in 30 minutes and the dog was well so was serial at home. No more information expected.	Pug	8	Nobivac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (20/03/2018- 20/03/2018):BBx-BBx-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1 Animal (20/03/2018- 20/03/2018):BBx-BBx-BBx-	B - Possible	NCA agrees with MAH assessment

NOBIVAC L		United Kingdom	Animal	Canine/dog	5.6 Year(s)	26/02/2018	21/03/2018	1	1	1	18/03/2018	Not Known,-BR<-BR >-BR>-GR>-GR>-GR> Yes,-GB>-GB>-GR>-GR>-GR>-GB>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR>-GR	penia Facial swelling (see also Skin) Yagania swelling Death by euthanasia Pyresia JUceration NOSAhormal test result Local swelling (not application site)		Suspected adverse reaction. Vaccinated with Nobbox CE and Nobbox Lot on 26 Feb 2018. 18 March 2018. Started limping. Taken to best and developed acute cutenous swelling of ligs, who and feet pads, with subsequent ulceration. Pyresia 41.C. IBiochemistry Nothing abnormal detected. Hearthcology of Pathesis 10 (200-500), Meurophis 10.2 (6-12), Hr. 313. Treated with IV Fluids, Augmentin and Metronidazolo, Dezadreson and Paracetamol. 19 March 2018. PCU 29%. Swelling in face worse, Confined artificioris can inparacetamol 20 March 2018: Bloods: West Co. [1-5], Biot. 48. [5-8.5], Hoth 11.6 [12-18], Meurophis 49; [LOW], Implicotyces 84% [LOW], Ecosiophis 27; [LOW], Pathology comment. Results may effect a developing Panylogopiane relected to Jobor marrow 2704. Pathology comment. Results may effect a developing Panylogopiane relected to Jobor marrow 2018. PCU 2018. West reported that the dog had been euthanised (on an unknown date). A post mortem examination is not being performed. No further information expected.	German Shepherd Dog	Injection - 1.N/A.N/A.24.1 Dose Unknown 1. Animal (18/03/2018- 18/03/2018-(B8-6BR-Noblove KC - 1.N/A.N/A.24.1 Dose Not applicable 1. Animal (26/03/2018- 16/03/2018-(B8-6BR-Noblove CL 4 Suspension for Injection for Dogs - 1.N/A.N/A.24.1 Dose Not applicable 1.N/A.N/A.24.1 Dose Not applicable 1.N/A.N/A.24.1 Dose Not applicable 1.N/A.N/A.24.1 Dose Unknown 1.Animal (18/03/2018- 1.8/03/2018-(B8-6BR-metronidazol unidentified - 1.N/A.N/A.24.1 Dose Unknown 1. Animal (18/03/2018- 1.N/A.N/A.24.1) Dose Unknown 1. Animal (18/03/2018- 1.N/A.N/A.24.2)	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L	4 GBR-MERCKMSD-2018-UK-01702	United Kingdom	Animal	Canine/dog	12 Week(s)	19/03/2018	20/03/2018	1	1	0	19/03/2018	Yes, <b R> No,</b 	rate,Shaking,Irregular	Other	Suspected adverse reaction. The dog was vaccinated with Nobivac L4 (extra label use, treatment regime not respected, previous vaccination 14 Feb 2018) and then given Nobivac KC by subcutaneous	Basset Hound	4.6 Nobivac DHP - 1,N/A,N/A ,24,1 Dose Not applicable 1 Animal	B - Possible	NCA agrees with MAH assessment
												 > BR> NO	breathing, Medication error, Lethargy (see also Central nervous system depression in 'Neurological')		ispection (in error) on 19 March 2018. Clinically well at the time. The attending Vet realised error and given Noblave. DIF. Alto prescribed Andreacts Small Do glo tunot reported as given Later that day the Owner reported that dog was tethange, high respiratory rate, breathing erratically and was shaking. The Attending Vet contacted MSD Site and tool call handler that dog was "Origin." The dog was traveled with Symulox and Keulum by practice and sent home. No evidence the dog was Origin. 270 March 2018. The dog was doing well. No more information expected. Previously vaccinated with Noblasc DHPPI and Noblasc LG on 14 Feb 2018. No problems reported.		(19/03/2018- 19/03/2018-BR>-BR>-Nobiwac KC- 1.N/AN/A_24.1 Dose Not applicable 1 Animal (19/03/2018- 13/03/2018)-BR>-BR>-Nobiwac L4 Suspension for Injection for Dogs - 1.N/AN/A_24.1 Dose Not applicable 1 Animal (19/03/2018-		
NOBIVAC L	4 GBR-MERCKMSD-2018-UK-01706	United Kingdom	Animal	Canine/dog	10 Week(s)	05/02/2018	19/03/2018	1	1	0	12/02/2018	Not Known,
 ></br 	Swollen limb, Hypoproteinaemia, Bruising, Dr y mucous membrane, Respiratory	Not Known	Suspected Adverse Reaction On 15 Ian 2018, dog vaccinated with first Nobivac DHP and Nobivac L4, clinically well at time of vaccination. On 5 Feb 2018, dog vaccinated with second dose of Nobivac DHP and Nobivac L4, clinically well at time of vaccination. On an unknown date post vaccination developed	Miniature Dachshund	 5.5 Antibiotic Unidentified - N/A,N/A,N/A,24,Unknown Unknown 1 Animal (12/02/2018- 	O - Unclassifiable/unassessa ble	Awaiting information
MARINA	A SERMENANT-TOTAL PARTY	United	Animal	Caning (de-	1.4.Vearfr\	19/17/2019	20/03/2019			c	57/77/750°C	Not Known, SBR>GBR >GBR>GBR>BR>GBR Yes, <gbr>GBR>GB K>GBR>GBR>GBR >GBR>GBR> FSBR>GBR> KGBR>GBR> KGBR>GBR> KGBR>GBR> KNOWN</gbr>	signs_Lethargy (see also Central nervous system depression in "Neurologica"), Cough, Tachypnosa, Ataxia, Lameness, del mucous membrane, Tachycardia, Haemorcha ge NOS_Lymphocytosis, Non-regenerative anaemia, Hyperactivity, Injection site lump_Laceration	No Date	an injection site lump which resolved within 3 weeks. Also dog developed a large busite in Feb 2018 on the right high from playing rough with another dog. On 12 Feb 2018, the dog was presented lame on the right hind, swelling and minimal weight-bearing—given antibiotics and non-steroidal anti-inflammatories. On Shar 2018, a small out was observed on the dog's lip that hairs' stopped bleeding for two days. Blood tests performed: lymphocytes 5.7 (1-4.8), Lungworm test negative and aPPT (prolonged activated prothrombin time test) regetive. How day was strated accourse of Parancic (unknown strength). On 7 Mar 2018, presented back as no improvement in bleeding; the dog was very levely and was given acepromazine to claim the dog's's hyperactivity down. However the dog continued to bleed, became tachypatic with mild expiratory effort. An emergency re-examination showed sinus stackycards, aga lem custos membranes and ongoing beleding horogisth exit of Lapidam stransfusion was performed but dog's heart increased significantly therefore discontinues. Shortly after the dog was service to referant loopstip, on examination was lethragic and mildy atakic; mucous membranes paid and tasky but no active bleeding from lip. The dog had some melena and coughed on three occasions during examination. Further blood sampling performed that showed market on-regenerative anaemia, decreased total proteins and further blood tests are pending. Treated with crystalloids, blood transfusion, plasma transfusions and Panacur. Await further information.	English	12(02/7018)=R8-SR-NSAID unidentified *N/AN/AN/A 24,U-shrown Unknown 1 Animal (1/02/7018)= 12(02/7018)=R8-SR-Noblova (DHP- 13/AN/A), 10,1 ml Not applicable 1 Animal (05/02/7018) 5(02/7018)=R8-SR-R8-Noblova (LH Suspension for Injection for Dogs - 13/A/AN/A, 10,1 ml Not applicable 1 Animal (05/02/7018) 5(02/7018)=R8-SR-SR-Noblova (LH Suspension for Injection for Dogs - 13/A/AN/A, 24,U-shrown Unknown 1 Animal (07/03/2018) N/A/SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-S	N. Jorosekskia	N/A sense with MM suscensed
NOBIVAC L	4 GBR-MERCKMSD-2018-UK-01723	United Kingdom	Animal	Canine/dog	1.4 Year(s)	08/02/2018	20/03/2018	1	1	0	22/02/2018	Yes, GBA-GBA-GB N-GBA-GBA-GBA-GBA-GBA-GBA-GBA-GBA-GBA-GBA	a,Pale mucous membrane,Autoimmune disorder NOS,Monocytosis,Trembling,Lethar gy (see also Central nervous system depression in 'Neurological'),Localised pain NOS	No Data	Supercited adverse reaction On 8 Feb 2018, the dog was vaccinated with Nobiwac DIPP, Nobiwac L4 and Nobiwac C4 and Millactor devorming table twas administrated. On 2 Feb 2018, the vet reported the dog was lame. On 11 Mar 2018, the vet reported the dog was lame. On 11 Mar 2018, the vet reported the dog was fame. On 11 Mar 2018, the vet reported the dog was restered with Methadone and Metacem. On 12 Mar 2018, vet reported the dog was tender on the right faller, had stemperature of 43 and deprese. As was letting and trendings allowed statistic was depresed to the right state. As a strength with Methadone and Metacem. On 12 Mar 2018, vet reported the dog was tender on the right state. As a strength with Methadone and Metacem. On 12 Mar 2018, the vet propriet the dog and a temperature of 43 of deprese. As a letting and trendings and some state. We will be supported there was no neck pain and no pain on palpoistion of the limbs. On 16 Mar 2018, the vet reported the dog had a temperature of 40.1 degrees. C and 43 emergen and 43 emergen was selected with intravenous flows of 40.5 degrees. C allowed as ICT 0.346 (0.375 0.617), heamolgobin 13 (131-1315), Was 0.34 (0.576-167), heamolgobin 13 (0.176-167), heamolgobin 13 (0.076-167),		128 Metacam's mightlis foliation for lipection for Dogs and CES+ 1,N/AN/A, 24,1 Dose Unknown 1. Animal [2 Duylo] 11/03/2018- 14/03/2018-88-68-68-Millisactor 12.5 mightlism for Logs Weighing sit Least 58, et .11/1/AN/A 108(02/2018)-88-68-68-89-Nisamox 250 mg Tablest 67 cologs - 1,N/AN/A 108(02/2018)-88-68-68-Nisamox 250 mg Tablest 67 cologs - 1,N/AN/A 1,24,1 Dose Unknown 1.4nimal 12(103/2018)-8N/A-68R-88-Noblovac KC- 4,N/AN/A, 10,1 m Not applicable 1 Animal (80(02/2018)- 80(02/2018)-88-68-68-Noblovac KC- 4,N/AN/A, 10,0,0 an Not applicable 1. Animal (80(02/2018) 1,0 (02/2018)-88-68-88-Noblovac LG 1,0 (02/2018)-88-688-Noblovac LG 1,0 (02/2018)-888-Noblovac LG 1,0 (02/2018)-888-Noblovac LG 1,0 (02/2018)-888-8	O1 - Inconclusive	NCA agrees with MAH assessment

	MSD-2018-UK-01736	United Kingdom	Animal	Canine/dog	5.7 Year(s)	12/02/2018	21/03/2018	1 :	0 12	>< NN Kr NN Kr Ye RR Kr >< NN Kr	>>> BR>> BR> Not nown, < BR>> BR < BR>> BR>> BR lot nown, < BR>> BR < BR>> BR>> BR > BR>> BR>> BR>> Iot Known	Central nervous system depression in 'Neurologica'], Reluctant to move, Malaisie J. Pyrexia	Not Known	Supercted Adverse Reaction On 12 Feb 2018, dog waccinated with booster of Nobivac L4 and Nobivac KC. the owners also took Neguard Septest home and administered (unknown date Spewn). On 13 Feb 2018, boord sampling performed: Cx 30 (50-100), Glucose 5: 54.4-53, Haemoglobin 13.1 (12-13), MCH 25.7 (15-25), Implicoycles 13.8 (1-4.8) and tyme disease negative. The dog was given heteracen Oral Supersion and Doxycycline. On 13 May 2018, presented very letturg from the other parts of the control of the co	English Springer Spaniel	21.6	Antibiotic Unidentified - MINAINANA JAJURNIONAU CHIEFE CONTROLL OF CONTROL OF CONTR	O - Unclassifiable/unassessa ble	Awalting information
NOBIVAC L4 GBR-MERCIX		United Kingdom	Animal		11.6 Year(s)		21/03/2018	1 :		No Kr No Kr No Kr	nown, BR >BR> In own, BR In own, BR BR>BR>BR> In own, BR In own, BR In own, BR In own, <td>Prolonged activated partial thrombin time (APT1), Mound, Decreased packed cell volume (PCV), Prolonged bleeding, NOS, Oral bleeding, Seizure NOS, Death, Lethrary (see also Central nervous system depression in "Neurologica"), Abnormal test result, Decreased red blood cell count</td> <td>Not Known</td> <td>Sispected Adverse Reaction On 13 Feb 2018, dog was vaccinated with Nobvac URP and Nobbac Lt Owner reported at the time of vaccination that the dog had gene faces and fath the dog could show ingested rodenticides as the owner lived in a pub. Vet reported the dog was clinically well. Vet reported the dog had received Nobbac vaccines in the past (fetalis not given), but the dog was vaccinated with Versican vaccines in 2017 (non company product). Vet reported the dog has had sarcomas in the past for details given). On 17 Feb 2018, owner sported the dog has been bleeding from the mouth for 24 hours (16 Feb 2018). Vet reported the dog was lethargic. Bloods showed hematorich 136 56 30-374 6.017, RBC 555, 56.5-88.78 and anamale PC 318 K. Imagerom SNAP test was negative. X-rays of the neck were normal and the vet diagnosed a cut on the troque which was sustured. The bleeding continued after the cut was sutured and blood tests for clotting showed PT and PTT clotting times were extended. Treated with intravenous fluids and Vitamin K. On 18 Feb 2018, vet reported the dog had a sizure in the earth yours of the moming (exact time not lyone). Treated with Phenobarbitione. Vet reported the dog died at 8.50am. No post mortem is being performed. No further information expected.</td> <td>Border Collie</td> <td>18.7</td> <td>Not applicable 1. Animal (13/02/2018). In (13/02/2018). GRN-GRN-Nobbvac L4 Suppension for injection for Dogs-1. Al/A.N/A. 10.1 ml Not applicable 1. Alminal (13/02/2018). GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-</td> <td>O1 - Inconclusive</td> <td>NCA agrees with MAH assessment</td>	Prolonged activated partial thrombin time (APT1), Mound, Decreased packed cell volume (PCV), Prolonged bleeding, NOS, Oral bleeding, Seizure NOS, Death, Lethrary (see also Central nervous system depression in "Neurologica"), Abnormal test result, Decreased red blood cell count	Not Known	Sispected Adverse Reaction On 13 Feb 2018, dog was vaccinated with Nobvac URP and Nobbac Lt Owner reported at the time of vaccination that the dog had gene faces and fath the dog could show ingested rodenticides as the owner lived in a pub. Vet reported the dog was clinically well. Vet reported the dog had received Nobbac vaccines in the past (fetalis not given), but the dog was vaccinated with Versican vaccines in 2017 (non company product). Vet reported the dog has had sarcomas in the past for details given). On 17 Feb 2018, owner sported the dog has been bleeding from the mouth for 24 hours (16 Feb 2018). Vet reported the dog was lethargic. Bloods showed hematorich 136 56 30-374 6.017, RBC 555, 56.5-88.78 and anamale PC 318 K. Imagerom SNAP test was negative. X-rays of the neck were normal and the vet diagnosed a cut on the troque which was sustured. The bleeding continued after the cut was sutured and blood tests for clotting showed PT and PTT clotting times were extended. Treated with intravenous fluids and Vitamin K. On 18 Feb 2018, vet reported the dog had a sizure in the earth yours of the moming (exact time not lyone). Treated with Phenobarbitione. Vet reported the dog died at 8.50am. No post mortem is being performed. No further information expected.	Border Collie	18.7	Not applicable 1. Animal (13/02/2018). In (13/02/2018). GRN-GRN-Nobbvac L4 Suppension for injection for Dogs-1. Al/A.N/A. 10.1 ml Not applicable 1. Alminal (13/02/2018). GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-GRN-	O1 - Inconclusive	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCKM	MSD-2018-UK-01742	United Kingdom	Animal	Canine/dog	3 Year(s)	18/07/2016	21/03/2018	1 1	1 0 27		es, No</b 	Lack of efficacy (bacteria NOS)	Other	Supercted let of expected efficacy On 15 Jan 2016, flog was vaccinated with Nobivac DHP and Nobivac L1 detail a below to L1 detail a below to L2 feet at label use, treatment regime not respected, 33 days between first and second vaccination). Vet reported that the dog did not receive a booster excination in 2017. On 27 Dec 2017, vet reported that the dog that creeive a booster excination in 2017. On 27 Dec 2017, vet reported that the dog had wretts. Vet reported that the dog had received a booster of the propercy of the dog had received. On 21 Mar 2018, vet reported that the dog had recovered. Date of recovery unknown. Awaft further information. Follow up 25 Mar 2018 - Vet reported that the good provided that the propercy of the provided that the provided th	Dobermann	35	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (15/06/2016-)6-18R>-8R>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (12/07/2016-)8R>-8R>	N - Unlikely	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCKN	MSD-2018-UK-01760	United Kingdom	Animal	Canine/dog	15 Month(s)	21/03/2018	22/03/2018	1	1 0 21		es, BR>B >>BR>BR>Yes	Tachycardia,Trembling,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Saspected Adverse Reaction On 21 Mar 2018, dog was vaccinated with Nobwic DNP and Nobwic LA. No other treatment was deministened, regist hours later, owner operated the dog was lethangs con after vaccination (estimated time to onset of 2 hours) and this had progressively potten worse. Vet reported the dog was shaking, lethangic and had a heart rate of 200 beats per mixture. Treated with Colvasone. Vet reported the dog recovered soon after treatment (5 minutes). No further information expected.	Crossbred	7.3	Nobivac DHP - 1,N/A,N/A,1D,1 ml Not applicable 1 Animal (21/03/2018- 21/03/2018-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (21/03/2018- 21/03/2018-BR>-BR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCKN	OMSD-2018-UK-01801	United Kingdom	Animal	Canine/dog	4.5 Year(s)	12/03/2018	26/03/2018	1 1	1 0 13		es, BR>B >>BR>BR>Yes	Elevated temperature, Lethargy (see also Central nervous system depression in 'Neurological'), injection site swelling, Injection site abscess	No Data	Suppected Adverse Reaction: On 12 Mar 2018, dog was vaccinated with Nobivac DHP and Nobivac L4. On 16 Mar 2018, owner reported the dog was lethangic since vaccination (estimate 13 Mar 2018). Vet reported there was a veeling at the injection site and the dog had a temperature of 35.6 degrees C. Vet lanced and drained the swelling under sedation and diagnosed an injection site abscess. Treated with intravenous flidik, NSAIDs and artibutions. On 17 Mar 2018, vet reported the dog had improved and the abscess was flushed and cleaned. On 19 Mar 2018, vet reported the dog was continuing to improve. On 21 Mar 2018, vet placed a skin staple into the skin wound at the site where the abscess was lanced to facilitate healing. No further information expected.	Jack Russell Terrier	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/03/2018-12/03/2018)-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/03/2018- 12/03/2018)-BR> 	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4 GBR-MERCKN	3MSD-2018-UK-01845	United Kingdom	Animal	Canine/dog	6 Year(s)	12/03/2018	26/03/2018	1 1	1 0 18	/03/2018 Ye R: Kr	es, BR>B >>BR>BR>Not nown	Haemorrhagic gastroenteritis,Ocular discharge,Nasal discharge,Pyrexia,Lack of efficacy (distemper virus)	Not Known	Saspected Adverse Reaction B. Saspected Lack of Sepaced Efficacy, On 28 Mar 2018, dog was vaccinated a single Vangard-scrice (inclusionom witch vaccine), On 8 Mar 2018, dog was taken into the rehoming centre. On 12 Mar 2018, dog given a restart of Nobinac DiPa and Nobinac L4, and was clicically well at time of vaccination. On 8 Mar 2018, dog eveloped hemorrhaining gastroenteritis, a sontly nose, ocular discharge and a temperature of 40 degrees Celsius. The dog was hospitalised and on 19 Mar 2018 a distemper PCR was performed which was positive. Await further information. Practice reporting as SML.	Other e Canine/dog	Not Known	Nobivac DHP - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/03/2018- 12/03/2018-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/03/2018- 12/03/2018-BR>-BR>	B - Possible	Six days is a reasonable association in time and clinical signs such as gastro eneteritis, precial and nasal discharge are compatible with product involvement, two vaccines administered concurrently.
NOBIVAC L4 GBR-ZZELANC	ICORG-UK201600018	United Kingdom	Animal	Canine/dog	11 Week(s)		06/01/2016	1	0 01	R: Kr	es, <b CBR> 	Behavioural disorder NOS, Diarrhoea, Vomiting, Cough, Dec reased appetite, Reluctant to move, Lack of efficacy, Respiratory discomfort, Shaking	Not Known	Suspected lack of efficacy, given first vaccines, Stronghold and Milbemax. Milbemax repeated at second vaccine. Reduced appetite noted at second vaccine. Reduced, signs confunde of days later when reexamined. Treatment with vitamin 812. Approximately 1 month post second vaccine: at es omething on the beach, meeting both only an extra diad indrinede. Examined 3 weeks later; given kennel cough and L4 vaccines, Stronghold, Milbemax. Anorexia persists. 2 days post vaccine: choking. Coughing, anorexis, diadrineae, lethang and shaking within 1 week. Treated with Metacam and Clavaseptin. Behavioural disorder (neck out stretched). Radiographs suggest lung worm. Strong positiv lung worm snap test. Treatment with Panacur, Corvental, Advocate. No further information.	Cavalier King Charles 3 Spaniel 1	4.14	Milbems Chewable Tablets for Small Dogs and Pupples - 1,N/A,N/A /A/A,1 Tablets (9 Weekls) 23/09/2015- 24/11/2015- BBN-SBN-Nobivac L4 Suspension for Injection for Dogs - /N/A/N/A/A,PA/A/A, (1 Euyls) /M-24/11/2015-BBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN	No assessment performed	
NOBIVAC L4 HUN-MERCK9	XMSD-2017-HU-0000S	Hungary	Animal	Canine/dog	2 - 3 Year(s)	04/01/2017	13/02/2017	1	1 0 22		es, <8 > Yes	Intrauterine death	No Data	case originates from a post authorization study \$15558-00. Suspected adverse event. On 04 Jan 2017 the dog was vaccinated as a control in the clinical trial according to the \$515358-00 Study protocol with Nobbuce DHPP mised with Nobbuce 4.1 Principal investigation fromfrom filterest Hungary 23 an 2017 that on 2.2 Jan 2017 late in the morning the dog started to show signs of approaching whelping, it was at least 7 days before the expected whelping in term. The whelping started in the afternoon but the dog was not able to whelp the pupples, therefore it was submitted for caesarean section on 22 Jan 2017. During the peartin, 6 non-visible, stillion pupples were ermowed from the terura. Results of the autopsy and histopathology is in progress. [Reason for use for product: Generic: DHPPI LV Brandt NOBNICA DPPI 20101520 Beason: Clinical trial [State of health: Good]	Chihuahua	Not Known	NOBIVAC DHPPI 1DX1DS 290 - 1.N/AN/A, 24,1 Dose 1 Animal (04/01/2017 - 04/01/2017/-BR>-NOBIVAC L4 1DX1DS 564 - 1.N/AN/A, 24,1 Dose 1 Animal (04/01/2017 - 04/01/2017)-BR>-BR>-	N - Unlikely	healthy status of the dog was good, first pregnancy, whelping was early, she coudn't welp the pupples normally (high number of pupples compared to body size)

NOBIVAC L4	HUN-MERCKASS-2017-HU-00009	Hungary	Animal	Canine/dog	3 - 3.5 Year(s)	04/01/2017	10/03/2017	1 1	0 04/02,	PO17 Yes, BR> R> Y		No Data	Case originates from a port authorization study \$15358-00. Suspected adverse reaction. On 04 Jan 2017 the dog was vaccinated as a control in the clinical trial, according to the \$15358-00 Study protocol with Noblavo L4 Pon Idea with Noblava L4. On 04 Feb 2017 the dog whelped without intervention at term one live, but less viable puppy and one stillborn puppy. The live puppy define net day, 80th puppies were submitted to autopy. Follow-upon 47 Feb 2017, Morphy results stillborn puppy. The live feb 2017 the dog when the subject of the live with scarce hemabdomen, and acute postheronfrating in amenia. Dead puppy net 4dt; Histlich-lymphocytic interstillal pneumonia with respiratory failure. No more information expected. [Reason for use for product: Generic DePlet 12 Branch NORIVAC DEPID 100155 309 Reason. Clinical trial [State of health; Casoli.]	American Staffordshire Terrier	Not Known	NOBIVAC DHPPI IDXIDS 290 - 1.N/A.N/A, 24,1 Dose 1 Animal (04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 08	N - Unlikely	There isn't a reasonable association in time between the administration of the product and the onset of the AE., due to the result of authopsy
	HUN-MERCIMASO-2017-HU-00010	Hungary	Animal		2 - 2 Year(s)			1 1	0 09/02	R> 1	25		Case originates from a post authorization study \$13338-00. Suppected adverse event. On 64 Jan 2017 the dog was vascurbated as a control in the clinical trial, according to the \$13358-00. Study protocol will Nobbac DHPP mixed with Nobbac I-k. Principal investigator informed intervet Hungary on 1.3 Feb. 2017, that on 68-Feb. 2017 the bitch started to show sign of wheelping, bit the signs stopped soon, therefore the owner did not expect whelping. On 69 Feb. 2017 it became obvious the whelping was in process, but the blick was not alse to whelp. The owner submitted the bitch for ceasersan section in the evening of 09 Feb. 2017. During the operation it was diagnosed that two absolutely large pupples were present and utderine rupture tool face due to the found time between the first signs of whelping and the ceasersan section. None of the pupples were alive. The attending vet diagnosed absolutely large pupples, sufficient on a bitch, tuterine rupture. No further post mortner enamination was carried out. No more information expected. [Reason for our for product: Generic: DIPPI I.V Brand: NOBINAC IDPI PLOTOS 250 Reason: Clinical trial [State of health: Good]	Chihuahua th	Not Known	NOBHAK CHIPPI IDXIDS 290 - 1,1/N/N/A, 24,1 Dose 1 Animal 10A/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017- 04/01/2017-	N - Unlikely	There into a reasonable association in time between the administration of the product and the onset of the AZ. The cause of the intrauterin death of pupples was the uterine rupture due to large size of pupples and theirs suffocation.
NOBIVAC L4	HUN-MERCIMISD-2017-HU-00011	Hungary	Animal	Canine/dog	4 Year(s)	24/01/2017	07/08/2017	1 1	0 11/02,	017 Yes,GR>-GR R>-GR>-Y	88 NT - foronic (interstitial) spenumonia/picurpoenumonia,Cleft palatic,Liver disorder NOS,Ansenia NOS,Intrauterine death-pallary necrosis,Hydrocephalus	No Data	Case originates from a post authorization study 51338-00. Suspected adverse reaction. On 24 Jan 2017 the dog was succinated as a control in the clinical trial, according to the 51355-00 Study protocol with Nobbaca DHPP insied with Nobbaca LA. Principal investigator informed intervet funging not 5 reb 2017, that the blicht whelped at term two live, storing, healthy pupples and one stillborn puppy was submitted to actious, Further investigation on the puls being performed, availating results. Flobil up on 24 Feb 2017. Authory results: Histo-hymphocytic interstitial presumonia with respiratory failure, therefore purple with acute postheromardiag chanesin, severe hydrocophabia interiors, mutificated acute tubular necrosis. No more information expected. Follow-up received on 24 Mar 2017: Dog was part of the test good pristed of the control group. Or 24 Jan 2017 the dog was succinated in the clinical trial with Nobbac DHPP mixed with Nobbac L4 and with experimental vaccine Nobbac Bord-acquired in the supplemental succine Nobbac Bord-acquired in the Nobbac	Chihuahua	Not Known	NOBINAC DHPPI IDXIDS 290 1,1/N/N/A, 24,1 Does 1 Animal (24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017-	O - Unclassifiable/unassessa ble	The investigation is going on.
NOBIVAC L4	HUN-MERCKMSD-2017-HU-00015	Hungary	Animal	Canine/dog	3 Year(s)	24/01/2017	07/03/2017	1 1	0 18/02	017 Yes, R> Y		No Data	Case originates from a post authorization study 51358-00. Suspected adverse event. On 24 Jan 2017 the dog was vaccinited as a control in the clinical trial, according to the 51358-00 Study protocol will Nobbac DHPP mixed with Nobbac 14. Principal investigator informed intervel Hungary on 23 Feb 2017, that the blick started to show signs of wheeling on 18 Feb 2017 at term. As the owner realized was not able to whelp, he submitted to the dog to ceasiven section. During the operation, one, absolutely large, stillion pupply was extracted. The puppy was submitted to post mortern. Autoppy confirmed that the reason of the stillburth was multifocal attelectais, sheetlist with respiratory failur multifocal about burden excross. No more information spected. [Reason for use for product: LEPTO*4(CT_CAN_GRIPP_BRAT) kills stard: MOBIVAC L4 BIOLIDS 564 Reason: Clinical Irisal [State of health: Cond.]	Chihuahua th t	Not Known	NOBINAC DHPPI 10XLIDS 290 - 1,N/AN/A 24,1 Dose 1 Animal (2A/01,2017- 24/01/2017)-RR->BR->NOBINAC L4 10XLIDS 564 - 1,N/A,N/A,24,1 Dose 1 Animal (24/01/2017- 24/01/2017)-BR->BR->	N - Unlikely	The time between the administration of the product and the onset of the whelping is too long, the result of authopsy
NOBIVAC L4	HUN-MERCIMISD-2017-HU-00016	Hungary	Animal	Canine/dog	20 Month(s)	24/01/2017	07/08/2017	1 1	0 18/02	9017 Yes, - - - - - - - -	Intrauterine deathATT - chronic or (intentital) in preumonia/pleuropneumonia/Reni I tubular disorder,Trachettis	Not Known	Case originates from a post authorization study \$13338-00. Supperted adverse event. On 24 Jan 2017 the dog was vaccinated as a control in the clinical trial, according to the \$13338-00. Study protocol will Nobbac DHPP mixed with Nobbac L4. Principal investigator informed intervet thungary on 23 Feb 2017, that the birth whelped on 18 Feb 2017 at term without intervention. One leve, stong, healthy puppy and one stillborn puppy. The stillborn puppy was submitted to post mortern. Autopy confirmes that the reason of the stillbirth was histor-purphocytic interstital premunolal pike-local is cut to the still remain and the stillbirth as histor-purphocytic interstital premunolal pike-local is cut to build are recision. No more information on specied. Follow-up creeded on 24 Mar 2017: Dog was part of the test group intered of the control group. On 24 Jan 2017 the dog was vaccinated in the clinical trail with Nobbac DPPP mixed with Nobbac L24 and with resperimental vaccine Nobbac L64 and with resperimental vaccine Nobbac Bord et according to the study protocol. Not more information on specied. Reason of the use for product according to the study protocol. Not more information respected. Reason for our for product careful co-product of the study protocol. Not more information prospected. Reason for our for product careful co-product of the study protocol. Not more information to prospected. Reason for our for product careful co-product of the study protocol. Not more information to prospected. Reason for our for product careful co-product of the study protocol. Not more information to specied. Reason for our for product careful co-product of the study protocol. Not more information to specied. Reason for our for product careful co-product of the study protocol. Not more information to specied. Reason for our for product careful co-product of the study protocol. Not more information to specied. Reason for our for product careful co-product of the study protocol. Not more information to prospect of Reason Clinical Itall [St	Yorkshire th Terrier	Not Known	NOBINAC DHPPI IDXIDS 290- 1JA/NA/A, 24,1 Does 1 Animal (24/01/2017- 24/01/2017- 24/01/2017- 1Animal (24/01/2017- 1Animal (24/01/2017- 24/01/2017- 24/01/2017- 24/01/2017-	N - Unlikely	The time between the administration of the product and the date of the whelping its too long the result of authopsy, complementary informations
NOBIVAC L4	HUN-MERCKMSD-2017-HU-00017	Hungary	Animal	Canine/dog	21 Month(s)	07/02/2017	07/03/2017	1 1	0 18/02,	Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	48 Renal tubular disorder,Anaemia ss NOS,Liver disorder NOS,Stillbürth,Neonatal respiratory disorder,Circulatory shock	No Data	Case originates from a post authorization study \$13338-00. Suspected adverse reaction. On 24 Jan 2017 the dogs was occinited as a control in the clinical trial, according to the \$13358-00 Study protocol with Nobbac DHPP inside with Nobbac LA. Principal investigator informed intervet fruings no 23 Feb 2017, that the blich whelped on 18 Feb 2017 without intervention. Two lives, strong, healthy pupples and one stillions puppy. The stillions puppy was submitted to post mortem. Autopay confirmed that the reason of the stillion was fetal diffuse electricals with resipisatory failure, liver reature with acute postthemorrhagic aremin/shock, mutillocal acute tubular necrosis. No more information expected. [Reason for use for product: General CHPPI LV Branch KORINAC CHPPI CLAN (CRIPP, BRAT) 788 Branch NOBIVAC L4 101015 94 Resonot Clinical Insid. Generic: LETPT CHIPC. CAN (CRIPP, BRAT) 788 Branch NOBIVAC L4 101015 94 Resonot Clinical Insid. Beneric: LETPT CHIPC. CAN (CRIPP, BRAT) 788 Branch NOBIVAC L4	Yorkshire Terrier	Not Known	NOBINAC DHPPI IDXLIDS 290 - 1.N/A.N/A, 24,1 Dose 1 Animal (07/02/2017 - 1.07/02/2017/-BRP->BRP-NOBINAC L4 10XLIDS 564 - 1.N/A.N/A, 24,1 Dose 1 Animal (07/02/2017 - BRP->BRP->BRP->BRP->BRP->BRP->BRP->BRP->	N - Unlikely	The time between the administration of the product and the date of the whelping is too long; the result of authopsy
NOBIVAC L4	HUN-MERCKMSD-2017-HU-00018	Hungary	Animal	Canine/dog	8 Year(s)	24/01/2017	30/03/2017	1 1	0 25/02,	PO17 Yes, BR> R> BR>	d8 Renal tubular disorder, Congenital es respiratory tract disorder NOS, Live disorder NOS, Live disorder NOS, Intrauterine death, Cardiac disorder NOS, Anaemia NOS	No Data	Case originates from a post authorization study \$13358-00. Supposed adverse event. On 24 Jan 2017 the dog was vaccined at a comort in the clinical trial according to the \$13538-00 Study protocol with Nobivac DHPP mixed with Nobivac L4. Principal investigator informed intervet fungary on G1 Mar 2017 that the Bitch whelped at term on 25 feb 2017 with manual intervention for the second puppy. One leve, healthy puppy was born, but the second one sufficiented in the Brita for land during delivery. In puppy was submitted to post mortem. Follow-up on 23 Mar 2017. Autopay results: Multiflocal activates and the land, provided the second proper compared to the second proper continued	Chihuahua h e e	Not Known	NOBINAC DHPPI IDXIDS 290 - 1.N/A.N/A, 24,1 Dose 1 Animal (24/01/2017 - 24/01/2017)-BR>~BR>NOBINAC L4 IDXIDS 584 - 1.N/A.N/A, 24,1 Dose 1 Animal (24/01/2017 - 24/01/2017)-BR~BR>	N - Unlikely	The time between the administration of the product and the date of the whelping is too long the result of authopsy
NOBIVAC L4	HUN-MERCKMSD-2017-HU-00019	Hungary	Animal	Canine/dog	13 - 14 Month(s)	07/02/2017	14/03/2017	1 1	0 26/02,	Yes, BR>R>BR>Yes,	KB Intrauterine death cs	No Data	Case originates from a post authorization study \$1338-00. Suspected adverse reaction. On 07 Feb 2017 the day was outcinated as a control in the clinical trial according to the \$1358-00 Study protoc with Nobivac DHPP inseed with Nobivac L4. Principal investigator informed Intervet Hungary on 0.1 Mar 2017 that the bitch whelped at term on 26 Feb 2017 by caesarean section. Four pupples were extracted, 3 of them live, healthy and one stillborn puppy with open cranium. The puppy was submitted to post mortem. [Reason for use for product. Generic: DHPP LV Brand: NOBIVAC DHPP IOXIDS 200 Reason. Clinical trial Generic: ETPO"A(TC,AN,GRIPP,BRAT) KB Brand: NOBIVAC L4 IOXIDS 56 Reasons: Clinical trial.] [State of health: Good]	Yorkshire Terrier	Not Known	NOBIVAC DHPPI 10X1DS 290 - 1,N/A,N/A, 24,1 Dose 1 Animal (07/02/2017 - SRP - NOBIVAC L4 10X1DS 564 - 1,N/A,N/A, 24,1 Dose 1 Animal (07/02/2017 - GRP	O - Unclassifiable/unassessa ble	The time between the administration of the product and the date of the whelping is too long. The investigation is going on.

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NOBIVAC L4	HUN-MERCKMSD-2017-HU-00038	Hungary	Animal	Canine/dog	3 - 4 Year(s)	11/04/2017	31/05/2017	1 1	0 04/0	/2017 Yes, - R> <i< td=""><td></td><td>No Data</td><td>Case originates from a post authorization study \$13538-00. Suspected adverse event. On 11 Apr 2017 the dog was vaccinited as a control with Nobbac DHPP indee with Nobbac 14 he the clinical trial, according to the \$13538-00 Study protocol. Principal investigator informed intervet Hungary on 10 May 2017 that the bitch helped at term on 4-May-2017, Wheheiing started at natural way, but later or submitted to caesarean section, because the owner suspected that the bitch cannot deliver a puppy. Both the puppe sertaced and the ones from naturally were west, non-viable. The puppies were submitted to post mortem. No more information expected. Follow-up received on 31-May-2017. Definitive diagnoss by the Pathologist - Propolatist cheart with generalizated earther, hydrothorax, ascites, immature lungs with atelectasis. [Reason for use for product: Generic: DHPP I.V Brand: NOBINAC DHPP I DIOTS 200 Reason-Clinical trial [State of health: Good]</td><td>Chihuahua</td><td>Not Known</td><td>NOBINZ CHPPI DXIDS 290 - 1,N/AN/A, 24,1 Dose 1 Animal (11/04/2017) - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 -</td><td>N - Unlikely</td><td>referring to the autoppy result and the comlementary informations</td></i<>		No Data	Case originates from a post authorization study \$13538-00. Suspected adverse event. On 11 Apr 2017 the dog was vaccinited as a control with Nobbac DHPP indee with Nobbac 14 he the clinical trial, according to the \$13538-00 Study protocol. Principal investigator informed intervet Hungary on 10 May 2017 that the bitch helped at term on 4-May-2017, Wheheiing started at natural way, but later or submitted to caesarean section, because the owner suspected that the bitch cannot deliver a puppy. Both the puppe sertaced and the ones from naturally were west, non-viable. The puppies were submitted to post mortem. No more information expected. Follow-up received on 31-May-2017. Definitive diagnoss by the Pathologist - Propolatist cheart with generalizated earther, hydrothorax, ascites, immature lungs with atelectasis. [Reason for use for product: Generic: DHPP I.V Brand: NOBINAC DHPP I DIOTS 200 Reason-Clinical trial [State of health: Good]	Chihuahua	Not Known	NOBINZ CHPPI DXIDS 290 - 1,N/AN/A, 24,1 Dose 1 Animal (11/04/2017) - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 - 11/04/2017 -	N - Unlikely	referring to the autoppy result and the comlementary informations
NOBIVAC L4	HUN-MERCIANSO-2017-HU-00039	Hungary	Animal	Canine/dog	12 Month(s)	11/04/2017	11/08/2017	1 1	0 12/0	/2017 Yes, - R> <i< td=""><td>R-«B Abnormal necropsy finding Stillbird</td><td>th No Data</td><td>Case originates from a post authorization study \$13538-00. Suspected adverse event. The dog was vaccinated as a member of the test group with Nobbias DiPPP mixed with Nobbias DIPP mixed with Nobbias CIPP with Nobbia</td><td>Chihuahua</td><td>Not Known</td><td>NOBINZ CHPRI DXIDS 290 - IA/A/A/A, 24 Dose Not applicable 1.Acmia (11/04/2017-) 1./04/2017-) 1.04/2017-) 1.04/2017-) 1.04/2017-08-cens-NOBINZ-L 1.0XIDS 564 - 1.N/A.N/A, 24, 1 Dose Not applicable 1.Animal (11/04/2017-11/04/2017)-BR>-BR></td><td>N - Unlikely</td><td>Due to the time between the administration of the products and the onset of the AE and the necropsy result</td></i<>	R-«B Abnormal necropsy finding Stillbird	th No Data	Case originates from a post authorization study \$13538-00. Suspected adverse event. The dog was vaccinated as a member of the test group with Nobbias DiPPP mixed with Nobbias DIPP mixed with Nobbias CIPP with Nobbia	Chihuahua	Not Known	NOBINZ CHPRI DXIDS 290 - IA/A/A/A, 24 Dose Not applicable 1.Acmia (11/04/2017-) 1./04/2017-) 1.04/2017-) 1.04/2017-) 1.04/2017-08-cens-NOBINZ-L 1.0XIDS 564 - 1.N/A.N/A, 24, 1 Dose Not applicable 1.Animal (11/04/2017-11/04/2017)-BR>-BR>	N - Unlikely	Due to the time between the administration of the products and the onset of the AE and the necropsy result
NOBIVAC L4	IE-IEIMBVET-08/16	Ireland	Animal	Canine/dog	6 Year(s)	14/01/2016	14/01/2016	1 1	14/0	/2016 Yes, - R> <i< td=""><td></td><td>No Data</td><td>Report from wet oedernatous reaction of muzzle and periocular reaction 2 hours after subcutaneous administration of hobbwac DHPP and Abbwac L4. Reaction was treated with dexamethasone. Animal had previous exposure to products with no adverse events.</td><td>Chihuahua</td><td>2.7</td><td>Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (14/01/2016- 14/01/2016)-BR> Nobivac L4 - N/A,N/A,N/A,N/A,N/A (14/01/2016- 14/01/2016)-BR> </td><td>A - Probable</td><td>Observed reaction compatible with a hypersensitivity reaction following vaccination.</td></i<>		No Data	Report from wet oedernatous reaction of muzzle and periocular reaction 2 hours after subcutaneous administration of hobbwac DHPP and Abbwac L4. Reaction was treated with dexamethasone. Animal had previous exposure to products with no adverse events.	Chihuahua	2.7	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (14/01/2016- 14/01/2016)-BR> Nobivac L4 - N/A,N/A,N/A,N/A,N/A (14/01/2016- 14/01/2016)-BR> 	A - Probable	Observed reaction compatible with a hypersensitivity reaction following vaccination.
	IE-IEIMBVET-87/17	Ireland	Animal	Canine/dog		21/03/2017	23/03/2017	1 1		/2017 Yes, - R> <i <br; BR> </br; </i 	oYes, SRX<	No Data	A five-month-old female Dogo Aggention weighing 24 kg was vaccinated with Noblace DePPin and Noblace Ld on 21/2/2012. The dog was given two Prastile fluits tablest as two chostnots. The animal started womting four hours later. The animal womited repeatedly and its extremities were cold. The reaction was treated with Cerenia and Carprieve. No more information expected.	Dogo Argentino	24	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (21/03/2017) ,N/A)cRR-cBR-Nobivac L4, suspension for injection for dogs- ,N/A,N/A,N (21/03/2017- N/A)cBR-cBR-Prazitel Plus Tablets for Dogs - N/A,N/A,N/A,N/A,Two tablets (21/03/2017-N/A)-cBR>-cBR>	O1 - Inconclusive	There is an association in time between product administration and earl of wonding. Overnings in oit a known side effect of treatment with Noblouc Lay et any be indicative of a mild hypersentiality reaction. Multiple products administered concomitantly, A product association cannot be excluded.
NOBIVAC L4	IE-NLINTVINT-2014-IE-00082	Ireland	Animal	Canine/dog	14 Week(s)	07/03/2014	27/03/2014	1 1	0 07/0	/2014 Yes, - R> <i< td=""><td></td><td>Other</td><td>Suspect adverse reaction: Puy vaccinated with Nobbac L4 and Eurican DHPPI on 7 Mar 2014. Within I minute pup had collapsed and was tachycardic and cyonotic. Vet administered an antibistamine intra-muscularly and before vet had time to give adrenaline, pup had recovered. (Reason for use for product: Generic: Brand: Eurican DHPP) Reason: Unknown. Generic: LEPTO*4[LT,CAN_GRIPP_BRAT] KB Brand: NOBIVAC L4 SOXIDS 541 Reason: Unknown.] [State of health: Good]</td><td>Miniature Schnauzer</td><td>Not Known</td><td>Eurican DHPPI - N/A,N/A,N/A ,N/A,N/A (07/03/2014- 07/03/2014>BR> NOBIVAC L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml Once (07/03/2014-07/03/2014) >BR></td><td>B - Possible</td><td>temporal association, vaccine can cause hypersensitivity reactions</td></i<>		Other	Suspect adverse reaction: Puy vaccinated with Nobbac L4 and Eurican DHPPI on 7 Mar 2014. Within I minute pup had collapsed and was tachycardic and cyonotic. Vet administered an antibistamine intra-muscularly and before vet had time to give adrenaline, pup had recovered. (Reason for use for product: Generic: Brand: Eurican DHPP) Reason: Unknown. Generic: LEPTO*4[LT,CAN_GRIPP_BRAT] KB Brand: NOBIVAC L4 SOXIDS 541 Reason: Unknown.] [State of health: Good]	Miniature Schnauzer	Not Known	Eurican DHPPI - N/A,N/A,N/A ,N/A,N/A (07/03/2014- 07/03/2014>BR> NOBIVAC L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml Once (07/03/2014-07/03/2014) >BR>	B - Possible	temporal association, vaccine can cause hypersensitivity reactions
	IE-NLINTVINT-2014-IE-00164	Ireland	Animal		4 - 5 Year(s)			1 3		/2014 Yes, - R> <i< td=""><td>>Yes abdomen,Collapse (see also 'Card vascular' and 'Systemic disorders'),Tachypnoea</td><td>No Data</td><td>Suspect Adverse Reaction: 17 Jun 2014 the dog was succinated with Nobbac L4 and Nobbac KC. No other product was administered. Within one hour the dog collapsed, was tachypnose, had abdominal distension and diarrhoea. The dog was treated with intravenous fluids, anti-hatamines and steroids and recovered uneventfully. No more information expected. [Reason for use for product: Generic: LEPTO-4ID(TCA,MORIP) BARTI XIS BRANCH. MOBINEV.L4 LEVIDS-541 Reason: Variention Generic: Bid CANINE / PLIS/U Brand: NOBINVAC KC SXIDS+SXIDS DIL 125 Reason: Unknown.] (State of health: Good)</td><td>Akita</td><td>51 - 51</td><td>NOBIVAC KC - 4,N/A,N/A,10,0.4 ml Once 1 Animal (17/06/2014- 17/06/2014) Nobivac L4 - 1,N/A,N/A,10,1 ml Once 1 Animal (17/06/2014-17/06/2014) </td><td>B - Possible</td><td></td></i<>	>Yes abdomen,Collapse (see also 'Card vascular' and 'Systemic disorders'),Tachypnoea	No Data	Suspect Adverse Reaction: 17 Jun 2014 the dog was succinated with Nobbac L4 and Nobbac KC. No other product was administered. Within one hour the dog collapsed, was tachypnose, had abdominal distension and diarrhoea. The dog was treated with intravenous fluids, anti-hatamines and steroids and recovered uneventfully. No more information expected. [Reason for use for product: Generic: LEPTO-4ID(TCA,MORIP) BARTI XIS BRANCH. MOBINEV.L4 LEVIDS-541 Reason: Variention Generic: Bid CANINE / PLIS/U Brand: NOBINVAC KC SXIDS+SXIDS DIL 125 Reason: Unknown.] (State of health: Good)	Akita	51 - 51	NOBIVAC KC - 4,N/A,N/A,10,0.4 ml Once 1 Animal (17/06/2014- 17/06/2014) Nobivac L4 - 1,N/A,N/A,10,1 ml Once 1 Animal (17/06/2014-17/06/2014) 	B - Possible	
	IE-NLINTVINT-2014-IE-00170	Ireland	Animal	Canine/dog	4 - 4 Month(s)	12/05/2014	25/07/2014	15 1	1 23/0	/2014 Yes, - R> <1	R-cB Death by euthanasis, Lack of efficacy	No Data	Suspect Lack of Expected Efficient for CFV and Leptospirosis: 14 APR 2014 fifteen 6 week old pups vaccinated with Nobiosc DFFPP and Nobiosc L 4. weeks lace on 12 AMV 2014 fifteen for severe vaccinated with Nobiosc DFFPP and Nobiosc L 4. Approximately one month later at approximately 4 months old a pup resented with justice, overniting, anonesis and increased sides yalaes. She is currently being treated with intravenous fluids and antiblotics. Further information expected. Follow up 25 JUN 2014. The dog did not respond to treatment and was exclamated orday. A post mortem report is expected. Follow up 25 JUL 2014. AMT titres and PCR were negative for leptospirosis intibopathology did not suggest alexnorms. Pyelonephritis was elemified up not morten, however no primary pathogen was identified. Samples were not suitable to test for immune-mediated disease, therefore this could not be ruled out. No more information us peceted. [Reason for use for production Generics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation Generics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP V, V Brand; MORPARA (PMP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP) and 1003 55 B Nesson. Viciotation (Senerics: DFFP) and 1003 55 B Nesson. Viciota	Greyhound	Not Known	NOBINIZ CHPPI DXIDIS 195 - 1,NA/NA/1, al. pli often 2 Animal (12/05/2014- 12/05/2014- 13/05/2014)-BR->-BR-NOBINIZ L4 DXIDIS 541 - 1,NA/NA/1,10,1 ml Once 1 Animal (12/05/2014- 12/05/2014)-BR->-BR-	N - Unlikely	samples were negative for leptospira
	IE-NLINTVINT-2014-IE-00184	Ireland	Animal		43 Month(s)		02/06/2015	1 1		/2014 No, < R> <i< td=""><td>No euthanasia, Anorexia, Lethargy (see said) also (entra Inervous system depression in Neurological), Lack of efficacy, Ahorman test result, Hepatic jaundice</td><td>Other</td><td>SAR and SLEE Dog vaccinated on 27 Jun 2014 and 91 Jul with Noblace DHPPI and Noblace L6 (interval of 12 days is too short), that plan in neck on 10 Jul and on 16 Jul presented with jundice, Inappetence an lethargy. Alhormal blood samples: Being treated a present with antibiotics, intravenous fluids, and letharge. Alhormal blood samples: Being treated a present with antibiotics, intravenous fluids, and letharge screen revealed Bratistiava titers of 1,1000. Suspected fleid infection with Bratistiava servour. Follow-up, 28 May 2015. Sog presented with annovals. Ultravound sound scar newald server congenital microvasculor dypisals and the has been implicated as the likely cause of illness last July. No more information in expected. Follow-up, 21 Jun 2015: The days use utilinated due to ongoing one health. Postmortem was advised but not performed. No more information is expected. Follow-up, 21 Jun 2015: The days use utilinated due to ongoing one health. Postmortem was advised but not performed. No more information is expected. Follow-up, 21 Jun 2015: The Course of State of the State of</td><td>r t</td><td>Not Known</td><td>Nobiac DIPPF - I,N/A,N/A,241 Dose Twice I Animal (12 Dayls) 09/07/2014 09/07/2014 09/07/2014 09/07/2014-09/07/2014)-BR->BR- 09/07/2014-09/07/2014)-BR->BR-</td><td>B - Possible</td><td></td></i<>	No euthanasia, Anorexia, Lethargy (see said) also (entra Inervous system depression in Neurological), Lack of efficacy, Ahorman test result, Hepatic jaundice	Other	SAR and SLEE Dog vaccinated on 27 Jun 2014 and 91 Jul with Noblace DHPPI and Noblace L6 (interval of 12 days is too short), that plan in neck on 10 Jul and on 16 Jul presented with jundice, Inappetence an lethargy. Alhormal blood samples: Being treated a present with antibiotics, intravenous fluids, and letharge. Alhormal blood samples: Being treated a present with antibiotics, intravenous fluids, and letharge screen revealed Bratistiava titers of 1,1000. Suspected fleid infection with Bratistiava servour. Follow-up, 28 May 2015. Sog presented with annovals. Ultravound sound scar newald server congenital microvasculor dypisals and the has been implicated as the likely cause of illness last July. No more information in expected. Follow-up, 21 Jun 2015: The days use utilinated due to ongoing one health. Postmortem was advised but not performed. No more information is expected. Follow-up, 21 Jun 2015: The days use utilinated due to ongoing one health. Postmortem was advised but not performed. No more information is expected. Follow-up, 21 Jun 2015: The Course of State of the State of	r t	Not Known	Nobiac DIPPF - I,N/A,N/A,241 Dose Twice I Animal (12 Dayls) 09/07/2014 09/07/2014 09/07/2014 09/07/2014-09/07/2014)-BR->BR- 09/07/2014-09/07/2014)-BR->BR-	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2014-IE-00286	Ireland	Animal	Canine/dog	3 Year(s)	09/10/2014	31/10/2014	1 1	0 10/1	/2014 Yes	Behavioural disorder NOS,Epilepti seizure,Hives (see also 'Skin')	c No Data	Supected Adverse Reaction: the vet administered the second dose of Noblac L4 vaccine on 9 Ctt 2014. The dog developed heves on the face the day after vaccination. These residend quickly and without treatment. The dog showed no adverse response to the initial vaccination on 11 Sep 2014. Or 9 DCt 2014 the dog displayed behaviour changes for a few hours and this was followed by a short seture. The dog had previously been diagnosed with diopathic epileppy in June 2013 and had started on anti-seizure treatment. Adri-seizure medication was discontinued by the owner in Jug 2013 and the subsequent seizure status is unincover. Further history to follow from the attending vet. Follow-up 31 CCT 2014. The vet has propried for further reurological signs since the case was propried. The vetter reurological signs since the case was propried. The vetter reurological signs since the case was propried. The vetter reurological signs since the case was propried. The vetter reurological signs fine the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs fine the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was propried. The vetter reurological signs for the case was considered to the vetter reurological signs for the case was considered.	Weimaraner	Not Known	Nobivac L4 - 1.N/A,N/A,10,1 ml Once 1 Animal (95/10/2014- 09/10/2014)-BR>-BR>	B - Possible	

NOBIVAC L4	IE-NLINTVINT-2014-IE-00314	Ireland	Animal	Canine/dog	12 Week(s)	12/11/2014	19/11/2014	1 1	1 14/11,	2014 Yes, <b< td=""><td>-cell Pyresis Aver failure. Abnormal test fer resulf, Elevade liver enzymes, Distension of abdomen, Jaundic, collapse (see also Cardio-vascular) and "Systemi disorders", Death by euthansia, Letrary Joe also Central nervous system depression in Neurological", Malaise</td><td>No Data</td><td>SAR: One day was vaccinated with Noblava ChIPP) and Noblava L 4 on 16 Oct 2014. Noblava L 4 was administered with Noblava K Con 12 Nov 2014. Two days a free the last vaccination, animal developed a fewer (40,9C) and lethargy. The animal was hospitalized and was treated with fluids - on the following day the animal bears all land on the following day the animal bears all land on the following day the animal was collapsed with a distended abdomen and jourdec. Liver enzymes were elevented. Samples of blood and unive were collected and the aminal bears all opost mortem examination was conducted and samples were submitted to the laboratory (VSI) on 19 Nov. Follow-up in formation, 28 Nov 2015: the pathology engrer confirmed severe Toxpigalanous for vice for product. Generic: LERTO*4[CT_CAM_GRIPP-BRAT] NB Branch NORIWAC L4 IDRIDS 541 Reason: Prevention of felospionsis Generic: BLOANINE (**) ELRY BRATCH NORIWAC KC SXIDS+SXID DIL 125 Reason: Prevention of kennel cough] (State of health: Unknown)</td><td>Siberian Husky</td><td>Not Known</td><td>Noblac KC - 1n/An/A, 24, Dose Once 1 Animal (21/11/2014- 10/11/11/2014-18P-cIBP-Noblac L4- 1)/An/A/A, 24, Dose Twice 1 Animal (12/11/2014- 12/11/2014)-cBR>-cBR></td><td>N - Unlikely</td><td></td></b<>	-cell Pyresis Aver failure. Abnormal test fer resulf, Elevade liver enzymes, Distension of abdomen, Jaundic, collapse (see also Cardio-vascular) and "Systemi disorders", Death by euthansia, Letrary Joe also Central nervous system depression in Neurological", Malaise	No Data	SAR: One day was vaccinated with Noblava ChIPP) and Noblava L 4 on 16 Oct 2014. Noblava L 4 was administered with Noblava K Con 12 Nov 2014. Two days a free the last vaccination, animal developed a fewer (40,9C) and lethargy. The animal was hospitalized and was treated with fluids - on the following day the animal bears all land on the following day the animal bears all land on the following day the animal was collapsed with a distended abdomen and jourdec. Liver enzymes were elevented. Samples of blood and unive were collected and the aminal bears all opost mortem examination was conducted and samples were submitted to the laboratory (VSI) on 19 Nov. Follow-up in formation, 28 Nov 2015: the pathology engrer confirmed severe Toxpigalanous for vice for product. Generic: LERTO*4[CT_CAM_GRIPP-BRAT] NB Branch NORIWAC L4 IDRIDS 541 Reason: Prevention of felospionsis Generic: BLOANINE (**) ELRY BRATCH NORIWAC KC SXIDS+SXID DIL 125 Reason: Prevention of kennel cough] (State of health: Unknown)	Siberian Husky	Not Known	Noblac KC - 1n/An/A, 24, Dose Once 1 Animal (21/11/2014- 10/11/11/2014-18P-cIBP-Noblac L4- 1)/An/A/A, 24, Dose Twice 1 Animal (12/11/2014- 12/11/2014)-cBR>-cBR>	N - Unlikely	
	IE-NLINTVINT-2014-IE-00315	Ireland	Animal		Not Known	25/10/2014	19/11/2014	1 1		R> <br< td=""><td></td><td>No Data</td><td>Suspected adverse reaction: Dog was vaccinated with Nobinsc DHPP and Nobinsc L 6 on 25 Oct 2014. 24 hours after vaccination the animal was of from (NeDBox Goded as of Colour). After another 24 hours animal developed vomiting and disarrhose. Animal was hospitalised and treated with fluids: Animal recovered uneventfully, No more information is expected. [Reason for use for product: Generic: DHPP1 U Brand: NOBINIZ DHPP1 IOXIDS 195 Reason: Prevention of Varial diseases: Generic LEPTO*QLICT_CAM_GRIPP_BRAT\U00e4B STREAM (NOBINIZ L4 10X1DS 541 Reason: Prevention of Jestonopics) [SISTOR of health Unknown.]</td><td>Shih Tzu</td><td>Not Known</td><td>Nobivac DHPPI - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/10/2014- 25/10/2014/sBR->ER>Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/10/2014-25/10/2014) >BR>></td><td>B - Possible</td><td></td></br<>		No Data	Suspected adverse reaction: Dog was vaccinated with Nobinsc DHPP and Nobinsc L 6 on 25 Oct 2014. 24 hours after vaccination the animal was of from (NeDBox Goded as of Colour). After another 24 hours animal developed vomiting and disarrhose. Animal was hospitalised and treated with fluids: Animal recovered uneventfully, No more information is expected. [Reason for use for product: Generic: DHPP1 U Brand: NOBINIZ DHPP1 IOXIDS 195 Reason: Prevention of Varial diseases: Generic LEPTO*QLICT_CAM_GRIPP_BRAT\U00e4B STREAM (NOBINIZ L4 10X1DS 541 Reason: Prevention of Jestonopics) [SISTOR of health Unknown.]	Shih Tzu	Not Known	Nobivac DHPPI - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/10/2014- 25/10/2014/sBR->ER>Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (25/10/2014-25/10/2014) >BR>>	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2014-IE-00354	Ireland	Animal	Canine/dog	8 Year(s)	08/12/2014	13/02/2015	1 1	1 08/12/	2014 Not Known, <br: > Yes</br: 		No Data	Saspert Adverse Reaction: the vet administered the vaccine on \$ Bec.* Two days later the dog was presented to the clinic with a painful admonen. An ultrasound scan revealed full in the abdomen. Further diagnostics to be performed. Further information to follow. FOLLOW UP, 5 Jan 2015: the dog was examined by the vet on 20 Dec and the vet reports the dog was fully recovered. Heamstology, blochemistry, thyroid function and ACTH stimulation test results were normal. No further information is expected. FOLLOW UP, 10 Teb: the dog was presented to the vet with severel guardace on the 153 and The dog was euchtanised due to the severity of illness. A post morter was performed in the clinic. The vet diagnosed laver career on PM and for trissue samples have been sent to be in coording this diagnosis. Further information expected. FOLLOW UP, 13 Teb: histopathology of the liver revealed chronic liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting state of the product of the control liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting of the liver revealed chronic liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting state of the product of the liver revealed chronic liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting state of the liver revealed chronic liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting state of the liver revealed chronic liver failure. No sign of any link between vaccination and the chronic liver disease according to the planting state of any liver between vaccinations and the chronic liver disease according to the liver revealed chronic liver failure. No sign of any liver between vaccination and the chronic liver disease according to the liver revealed chronic liver failure. No sign of any liver between vaccination and	Welsh Corgi Cardigan	Not Known	NOBINZC DHPPI - 1.N/A.N/A. N/A.1 dose (08/11/2013) 09/11/2013-RR-SBR-Nobivac L4 - 1.N/A.N/A. (10 nO foce 1 Animal (08/12/2014-08/12/2014)-BR->BR-> 08/12/2014-08/12/2014	N - Unlikely	
	IE-NLINTVINT-2014-IE-00355	Ireland	Animal			28/11/2014		1 1		2014 Yes	Death,Lack of efficacy	No Data	Sapper Lack of Expected Efficacy: the dog was seccinated with Nobines CHEPF and Nobines L6 on 31 Oct 2018. The booter L4 was administrated on 28 Nov 2014. The dog was greated to the clinic on 2 Doc with pyresis, joundice and vomiting. Treatment with fluids, antibiotics and anti-emetics commenced. The with a described an infected bite wound on the shoulder that got progressively worse. The dog continued to deteriorate until death on 7 Dec. Post mortem has been performed, further information expected. Follow-25 Jain 2015; histophicology of organs revealed liver and kidney jesions, Warthin-Starry stain of the kidney was negative and Leptopira PCR was negative. Histophitology results were inconclusive. No further information expected. [Resson for use for product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] XB Brand: NOBINAC L4 10X1D5 541 Resson: Unknown/1 TSate of health: Good!	Other Canine/dog	Not Known	NOBIVAC L4 - 1,N/A,N/A,10,1 mi Once 1 Animal (28/11/2014- 28/11/2014) 	N - Unlikely	
	IE-NLINTVINT-2014-IE-00356	Ireland	Animal	Canine/dog		29/11/2014	15/12/2014	1 1	0 29/11,	R>
CBR >CBR>Ye</br 	Yes, Skin'),Lateral recumbency	No Data	Suspect. Adverse Reaction: The vet administered the vaccines to the dog on the 29 Nov. 2014. Thirty minutes later the owner returned with the dog to the clinic. The dog had swelling around the noise, mouth and eyes and was having difficulty standing. The vet administered a steroid subcutaneously and the reaction resolved fully within house. This dog had periodisty been vaccinated with Noblex ChiPPS and Li with no adverse reaction described. No further information to follow. [Reason for use for product Generic Owner IV Shamed NobleX ChiPPS SOLIS 195 Reason X-contained Generic LIZTO* 19(C) CANCAIRP BART) to Brand MOBIVAC LET SOLIDS 541. Reason: Unknown. Generic IB CAMIRE/ PI LIA/V Brand: MOBIVAC KC SXIDS*SXIDS OIL 125 Reason: Unknown.] [State of health: Good]	Siberian Husky	Not Known	NOBINAC DHPPI SOXIDS 195 - I.N/AN/A J.O.J. nil Once 1 Animal (29/11/2014-29/11/2014-29/11/2014)-BR3-NBR3-NOBINAC KC 5X1D5-5XID5 DIL 125 - 4,N/A./A J.O.J. nil Once 1 Animal (29/11/2014-BR3-NOBINAC LA 10XID5 541 - I.N/AN/A J.O.J nil Once 1 Animal (29/11/2014-BR3-SBR3-NOBINAC LA 10XID5 541 - I.N/AN/A J.O.J nil Once 1 Animal (29/11/2014-29/11/2014-BR3-SBR3-SBR3-SBR3-SBR3-SBR3-SBR3-SBR3-	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2014-UK-04842	United Kingdom	Animal	Canine/dog	12 Week(s)	12/12/2014	17/12/2014	1 1	0 16/12,	2014 Yes, <b R> <br< td=""><td></td><td>Other</td><td>Enosions on 1 pad 2 weeks following first vaccination. Second vaccination was administered at this stage, 4 days later: hyperthermia, lethargy, erosions on all 4 pads, joint pain (digit). Treated with steroids and antibiotics. Awaiting further information.</td><td>German Shepherd Dog</td><td>Not Known</td><td>Nobivac DHPPI - 1,N/A,N/A,10,1 ml Once 1 Animal (12/12/2014- 12/12/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Once 1 Animal (12/12/2014-12/12/2014) </td><td>O - Unclassifiable/unassessa ble</td><td>NCA agrees with MAH assessment.</td></br<></b 		Other	Enosions on 1 pad 2 weeks following first vaccination. Second vaccination was administered at this stage, 4 days later: hyperthermia, lethargy, erosions on all 4 pads, joint pain (digit). Treated with steroids and antibiotics. Awaiting further information.	German Shepherd Dog	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Once 1 Animal (12/12/2014- 12/12/2014) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Once 1 Animal (12/12/2014-12/12/2014) 	O - Unclassifiable/unassessa ble	NCA agrees with MAH assessment.
	IE-NUNTVINT-2015-IE-00002	Ireland	Animal	Canine/dog	10 Week(s)	23/12/2014		1 1	0 24/12/	2014 Not Known, SR: > > No, SR> SR> SN, SR> SR 	RP- ST-ST-ST-ST-ST-ST-ST-ST-ST-ST-ST-ST-ST-S	Other	sapected Adverse Reaction: the vet examined this pappy on 23 Dec 2014. On clinical exam the vet reports the puppy was mellourolled and help a heapy parasite burden however set the pup ups is in a rescue environment the vet administered the vaccination and a worm does. The following day the pup was anonest for 24 hours and the vet suspected high numbers of dead worms in the gestromestallist tack to be the cause. On 2 land the vet examined the pup again due to eye abnormalities. The vet diagnosed veter into both eyes and tops of widson. The vet deministered topical autitiotics and roat steroids. On repeat exam on 8 land the vete knowledge with the pup again due to eye abnormalities. The vet diagnosed veter into both eyes and tops of widson. The vet administered topical autitiotics and roat steroids. On repeat exam on 8 land the vest half recovered fully and vision was restored. No diagnostic were performed and no further information is expected. 310/2/0215. KEA comment. Exact Droatial product not stated except for "Droatal puppy, product therefore assumed to be Droatal Oral Suppension for Puppies, and the corresponding VPA number for this product entered in the product information. [Reason for use for product: Generic EXPEPT U. Y Brandt *NOBIVAC DIPPS 1100/15 195. Reason: Vaccination Generic: EXPEPT OLITICAL/REIPP PRIATE Rearant *Vaccination* Generic: EXPEPT OLITICAL/REIPP PRIATE Rearant* Vaccination* Generic EXPEPT OLITICAL/REIPP PRIATE Rearant* Vaccination* of the Droatal Puppy Reason: Vaccination* (State of health: Fair)	Other Canine/dog	2.5	Dorstal Oral suspension for Papples MA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	O- Unclassifiable/unassessa ble	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00090	Ireland	Animal	Canine/dog	5 Year(s)	20/02/2015	27/02/2015	1 1	0 20/02,	Yes, <b R> <br BR>BR> <</br </b 	Yes, R>< :BR	No Data	Suspect Adverse Reaction. This dog was diagnosed with idiopathic epilepip on the 14 Feb 2012. Seture control vas poor until the medication was changed to Peoloin. The dog had 7 months seture free until the 20 Feb 2015. The vet administered the vaccines and ear medication on the 20th of Feb. 12 hours after vaccination the owner reports a cluster of seture use that lasted for 34 hours. The owner treated the dog with disaspam suppositories and the dog has recovered. No further information expected. Reason for use for product: Generic IPPPI UR stands: NoVINICO EXPENTI 2015:05 59: Reason: Vaccination Generic: LEPTO* 4(FT,CAM_GRIPP_BRAT) KB Brand: NOBINAC L4 30XIDS 541 Reason: Unknown. Generic. Brand: Pexion Reason: Epilepsy Generic: Brand: Surolan Reason: Ear mites] [State of health: Fair]	: Siberian Husky	Not Known	NOBINIZO CHEPT DIXIDS 195 - 1.N/A,N/A, 1.0, mi Once 1 Animal (20/02/2015) - 20/02/2015 - 20/02/2015 - 20/02/2015 - 20/02/2015 - 1.N/A,N/A, 1.0,1 mi Once 1 Animal (20/02/2015 - 20/02/2015)-SR-BR-Pedon - N/A,N/A,N/A,N/A,N/A (1.0,1 mi N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00181	Ireland	Animal	Canine/dog	10 Week(s)	02/04/2015	25/04/2015	1 1	0 04/04	2015 Not Known, <br:> No, <br r=""/><br< td=""><td>3R> ehydration <b< td=""><td>Other</td><td>Superctor Alemen Reaction CD Apr 2015, pup sectionated with Notince DIPPT and Notines LA. Pup also treated with Advocate spot-on. Pup reported to be in poor body condition prior to treatment. And the properties of the properties</td><td>German Shepherd Dog</td><td>Not Known</td><td>Advocate Spot-on solution for small dogs - N/AM/A/N/A (A)A/N/A (A)C/30/20/42015- 02/04/2015-BR->BR-Nobiwac DHPP1 - 1N/AM/A/ 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/04/2015)-BR->BR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/</td><td>B - Possible</td><td></td></b<></td></br<></br:>	3R> ehydration <b< td=""><td>Other</td><td>Superctor Alemen Reaction CD Apr 2015, pup sectionated with Notince DIPPT and Notines LA. Pup also treated with Advocate spot-on. Pup reported to be in poor body condition prior to treatment. And the properties of the properties</td><td>German Shepherd Dog</td><td>Not Known</td><td>Advocate Spot-on solution for small dogs - N/AM/A/N/A (A)A/N/A (A)C/30/20/42015- 02/04/2015-BR->BR-Nobiwac DHPP1 - 1N/AM/A/ 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/04/2015)-BR->BR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/</td><td>B - Possible</td><td></td></b<>	Other	Superctor Alemen Reaction CD Apr 2015, pup sectionated with Notince DIPPT and Notines LA. Pup also treated with Advocate spot-on. Pup reported to be in poor body condition prior to treatment. And the properties of the properties	German Shepherd Dog	Not Known	Advocate Spot-on solution for small dogs - N/AM/A/N/A (A)A/N/A (A)C/30/20/42015- 02/04/2015-BR->BR-Nobiwac DHPP1 - 1N/AM/A/ 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.N/AM/A, 1.0,1 mi Once 1 Animal (02/04/2015-02/04/2015)-BR->GR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/04/2015)-BR->BR-Nobiwac Ld - 1.0 mimal (02/04/2015-02/	B - Possible	

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NOBIVAC L4		Ireland	Animal	Canine/dog	1 - 4 Year(s)	01/01/2015	22/09/2015	60 :	10 0	06/01/2015	R> <not< td=""><td>efficacy, Abnormal test result, Bronchopneumonia</td><td>Not Known</td><td>Suspect Lack of Expected Efficacy: The dogs are vascrinated by the vet on arrival from various rescue centers. Airminals are mixed on arrival and held at a high stocking density until collection occurs 21 days later. The dogs started to cough with nasal and ocular discharge 5-20 days later. Desponse and presented on occasional cases. Durinhoes with blood was described in 2 dogs and one dog tested positive for parvovirus on SNAP test 5 days after vascination. Nasal swabs were taken for virus isolation and bacteriology and also blood for serology. The dogs recovered fully however some dogs required further treatment. Further information to follow. Linked to case: 2014-16-00299 in same rescue center, FOLOW-UP INFORMATION, 22 Sept 2015. Softedtella was solated on culture form on dog. Swabs were taken three days post vascrianation in this dog and the lab were unable to differentiate between field and vaccine Bordetella described in succinal paired serology from 7 dogs showed a satisfactory rise in antibody titres for CPI, CPV, CPV and CAVZ. No further information is expected. [Reason: Unknown for use for product. Genetic: BB.CNAMIP F 18 LAV Branch (NOBIVAC DHPP) 10XIS 195. Reason: Unknown.] [State of health: Unknown] [State of health: Unknown]</td><td>e e</td><td>Not Known</td><td>NOBINAC DHPPI IDXIDS 195 - 1,1/N/N/N, 0,10,10 more 1 Animal 10/1/0/12015- 0/1/7/2015-180-180-180-180-180-180-180-180-180-180</td><td></td><td></td></not<>	efficacy, Abnormal test result, Bronchopneumonia	Not Known	Suspect Lack of Expected Efficacy: The dogs are vascrinated by the vet on arrival from various rescue centers. Airminals are mixed on arrival and held at a high stocking density until collection occurs 21 days later. The dogs started to cough with nasal and ocular discharge 5-20 days later. Desponse and presented on occasional cases. Durinhoes with blood was described in 2 dogs and one dog tested positive for parvovirus on SNAP test 5 days after vascination. Nasal swabs were taken for virus isolation and bacteriology and also blood for serology. The dogs recovered fully however some dogs required further treatment. Further information to follow. Linked to case: 2014-16-00299 in same rescue center, FOLOW-UP INFORMATION, 22 Sept 2015. Softedtella was solated on culture form on dog. Swabs were taken three days post vascrianation in this dog and the lab were unable to differentiate between field and vaccine Bordetella described in succinal paired serology from 7 dogs showed a satisfactory rise in antibody titres for CPI, CPV, CPV and CAVZ. No further information is expected. [Reason: Unknown for use for product. Genetic: BB.CNAMIP F 18 LAV Branch (NOBIVAC DHPP) 10XIS 195. Reason: Unknown.] [State of health: Unknown] [State of health: Unknown]	e e	Not Known	NOBINAC DHPPI IDXIDS 195 - 1,1/N/N/N, 0,10,10 more 1 Animal 10/1/0/12015- 0/1/7/2015-180-180-180-180-180-180-180-180-180-180		
NOBIVAC L4	IE-NLINTVINT-2015-IE-00340	Ireland	Animal	Canine/dog	10 Week(s)	24/07/2015	13/08/2015	1	1 1	24/07/2015	NO, 	efficacy,Depression,Lethargy (see	No Data	Suspect Adverse Reaction and Suspect Lack of Espected Efficacy, Initially reported as SAR for Nobiuse DNPP and Nobiuse L. Pay sucknated with Nobius Cheff and Nobiuse L. On 2 Jul 2015, and later that evening was depressed and vomiting. Treated sushequently with unknown products. Pup had previously been vaccinated with Nobiuse Pario C and Nobiuse Lepto 2 on 7 July 2015. As proximated so weeks of age. Sent to referral practice 3 days later, on 27 July 2015. Was now recumbent and shocked. Vet suspected foreigh body penetration. Tog died. Senf for necropy. More information expected. Follow up. 29 July 2015. Faecal sample positive for panvo virus os suspected facks of penetral foreign body penetration. Tog died. Senf for necropy. Help often making final assessment. Tollow up. 13 August 2015 Comment: Histobigical Inidings are consistent with a diagnosis of parovival entertials. The negative favorivus ELEM sets in this case is not an unusual finding, as in advanced cases antibody may have neutralized faceal antigers. [Reason for use for product: Generic LEPTO-46(CT. CAMORIP PART) Is a Branch MOBINEAL La BOILD SS4 Reason: Infection prevention. Central CAMINE PARVO LV Branch NOBINEA PARVO C- SIXILS 35 Reason infection prevention. Central CAMINE PARVO LV Branch NOBINEAL PARVO C- SIXILS 35 Reason infection prevention.	Other Canine/dog y	Not Known	Nebisac DHPRI - I.N/AN/A 2.41 Val/Ampoule() fonce (2407/05)25- 24/07/2015)-cRR-RB-Nebisac L4 - 1.N/AN/A 2.41 Val/Ampoule() (24/07/2015- 24/07/2015-BR-VB-Nobisac Paro-C - 1.N/AN/A 1.01 mi Once (07/07/2015-67/07/2015)-sRR-RB-	N - Unlikely	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00342	Ireland	Animal	Canine/dog	4.5 Year(s)	20/07/2015	30/07/2015	1	1 0	25/07/2015		Injection site abscess,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Nation for dealth. Institutional Suspect advisers energicitic Dig vaccinated with Nobivac DHPPI and Nobivac L4 on 20 July 2015 and owner contacted vet to say a large swelling had developed at the vaccination site approx. 4 days later loog earnined by vet no 29 July 2015 and an abscess the size of a fit was present. Abscess was lanced but will require placement of a drain under anaesthetic. Dog is also lethangic. [Reason for use for product: Generic IPPIPI LV Branch NOBIVAC DHPPI 2000 159 F Reason. Protection against wird disease Generic LEPTO*4[ICT.CAN.GRIPP.BRAT] XB Brand: NOBIVAC L4 50X1DS 541 Reason.		Not Known	NOBIVAC DHPPI 10XIDS 195 - N/A,N/A,N/A, 10,ml Once (20/07/2015- 20/07/2015-SBX- NOBIVAC L4 50XIDS 541 - 1,N/A,N/A, 10,1 ml Once (20/07/2015- 20/07/2015-SBX-SBX-SBX-SBX-SBX-SBX-SBX-SBX-SBX-SBX	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00358	Ireland	Animal	Canine/dog	8.5 Year(s)	08/08/2014	07/09/2015	1	1 0	21/07/2015	No, <b R> Yes</b 	Lack of efficacy,Polyuria,Nephritis,Polydips a	No Data	Suspected lack of expected efficacy: Dog vaccinated with Nobivac DHPP and Nobivac L4 on 8 Aug. 2004 and presented not 21 id 2015 with hoppiral and polyptica. Bloods showed actoremia. Leptocprissis was suspected and dag sent for abdominal ultrasound and renal biopys. Biopy showed moderate, chronic active, hymphoplasmacytic neightis. Sendog was carried out with a titre of 1/20 for caricola. A second sample has since been submitted. Awaiting results. Follow up: 7 Sept 2015 Second serology showed titres of 1/20 for both kiterohaemormägie and caricolas on a diagnosis of leptospiorosis can be ruled out. [Reason for use for product: Generic: DHPP I VB Brand: NOBIVAC DHPP SOURDS 55 Reason To prevent infection with Canadin Gleases Generic: LEPTO*4[CT_CAN_CRIPP_BRAT] KB Brand: NOBIVAC L4 SOXIDS 541 Reason: Unknown.] [State of health. Good!	English Springer Spaniel	Not Known	NOBIVAC DHPPI 50XIDS 195 - 1.N/AN/A, 1.0,1 ml Once (08/08/2014 - 08/08/2014/-BR- NOBIVAC L4 50XID5 541 - 1N/AN/A, 1.0,1 ml Once (08/08/2014)-BR> 	N - Unlikely	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00378	Ireland	Animal	Canine/dog	3.5 Year(s)	25/08/2015	26/08/2015	1	1 0	26/08/2015	Yes, <b R> <ps< td=""><td>Abdominal pain/Nomiting_Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Elevated Buver enzymes,Elevated BUN,Elevated creatinine</td><td>No Data</td><td>Suspect a diverse reaction: Dog vaccinated with Nobinac DHPPI and Nobinac L4 on 25 Aug 2015. The following day the dog was lethargic, worning and pyracie with a pallful abdomen. Dog started on antibiotics and was much improved by the following morning. Bloods show mildly elevated white bloo cell court, extreme acatemia, elevated hepatic enzymes. Ves suspects leptopsizes and claims dog's mucous membranes were dry at time of vaccination which makes him think that dog may have been incubating infection at time of vaccination. No further diagnostics undertaken as dog is improving and unlikely to be able to diagnose leptospirosis given that dog was only just vaccinated and treated with artibiotics. Dog to be tested with divolty-cyline in case of leptospirosis. (Research on the of product Generic: DHPP ILV Branch (2004)CD (DHPP) SOXID3 158 Reason To protect against ceimie disease CRESTER CHARGE (ACM, CRIPP) RAPIN 188 Branch (1004)CL 45 SOXID5-18 Reason Univolves.)</td><td>English Toy Terrier</td><td>Not Known</td><td>NOBINAC DHPPI SOXIDS 195 - 1.N/AN/A J.D. J.M DONE (26/08/2015-26/08/2015)-BR>~BR>~NOBINAC L4 50XIDS 541 - 1.N/AN/A J.D. III Once (25/08/2015)-BR~&BR>~BR></td><td>O1 - Inconclusive</td><td></td></ps<></b 	Abdominal pain/Nomiting_Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Elevated Buver enzymes,Elevated BUN,Elevated creatinine	No Data	Suspect a diverse reaction: Dog vaccinated with Nobinac DHPPI and Nobinac L4 on 25 Aug 2015. The following day the dog was lethargic, worning and pyracie with a pallful abdomen. Dog started on antibiotics and was much improved by the following morning. Bloods show mildly elevated white bloo cell court, extreme acatemia, elevated hepatic enzymes. Ves suspects leptopsizes and claims dog's mucous membranes were dry at time of vaccination which makes him think that dog may have been incubating infection at time of vaccination. No further diagnostics undertaken as dog is improving and unlikely to be able to diagnose leptospirosis given that dog was only just vaccinated and treated with artibiotics. Dog to be tested with divolty-cyline in case of leptospirosis. (Research on the of product Generic: DHPP ILV Branch (2004)CD (DHPP) SOXID3 158 Reason To protect against ceimie disease CRESTER CHARGE (ACM, CRIPP) RAPIN 188 Branch (1004)CL 45 SOXID5-18 Reason Univolves.)	English Toy Terrier	Not Known	NOBINAC DHPPI SOXIDS 195 - 1.N/AN/A J.D. J.M DONE (26/08/2015-26/08/2015)-BR>~BR>~NOBINAC L4 50XIDS 541 - 1.N/AN/A J.D. III Once (25/08/2015)-BR~&BR>~BR>	O1 - Inconclusive	
	IE-NLINTVINT-2015-IE-00386	Ireland	Animal			29/07/2015		7	1 0	31/07/2015		Injection site swelling, Anorexia	No Data	Saspect Adverse Reaction: The vet administrent Noblava L4 to a group of 7 puppies on the 29 Jul 2015 Two days later a swelling developed as the site of lejection to noe pup. Payus as moreix and the vet initiated fluid therapy and hospitalised the dog overnight. The vet placed a drain at the site and starter antibiotic therapy. The dog recovered fluid, No further information is expected. [Reason for use for product: Generic: LEPTO*4[CT,CAN,GRIPP.BRAT] XB Brand: NOBIVAC L4 IOXID5 541 Reason.	1	Not Known	NOBIVAC L4 10X1DS 541 - 1,N/A,N/A,10,1 ml Once 1 Animal (29/07/2015-29/07/2015) 	A - Probable	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00387	Ireland	Animal	Canine/dog	3 - 4 Month(s)	06/08/2015	16/10/2015	1	1 1	31/08/2015	Yes, Yes	Elevated total Birden, Felevated total Billirah, Felevated total Billirah, Felevate Jaudice, Lack of efficacy (heartworm), Abnormal test result, Septicemia, Lethargy (see also Central nervous system depression in "Neurological"), Death, Neutrophilla, Thrombocytopenia	No Data	Siapect Adverse Reaction: The vet administered a first vaccination of Noblava CHPPI and L4 to the pu on the 6 Aug 2015. On the 31 Aug the pure says reserved to the vet with joundict and letharys. The vesial that the pup was treated with products that are still unknown but confinued to deteriorate until the pup deed on the 56 pcg 2015. The pups has been submitted for postmorters. Turther information is expected. Follow-up information, 2 Oct 2015. The heamatology report for this dog revealed thrombocytopens and neutrophila. Bolchemistry revealed high urea and creatine, high total billirubin, high creatinine kinase, high ALP, AST and ALT. Leptospira MAT, multi-antigen scan was negative for 10 Leptospira species. Further information is peceted. Follow-up information, 15 Oct 2015. The postmortem report indicates septicaemia as the cause of death. Septicaemia may have been due to Leptospiros but Leptospiralis ont demonstrated in carcast and MAT test negative. No more information is expected. [Reason for use for product: Generic INPPI UB Brand: NOBIVAC DHIPPI IDUSIOS 158 Reasons 'Uscanland' Generic: LEPTO'4(ICT_CAN_GRIPP_BRAT) XB Brand: NOBIVAC L4 10XIDS 541 Reason: Uscanland Generic: LEPTO'4(ICT_CAN_GRIPP_BRAT) XB Brand: NOBIVAC L4 10XIDS 541 Reason: Uscanland L5 and L6 and L	p Crossbred t	Not Known	NOBINAC DHPPI DXXIDS 195 - 1,1/N/N/A), (3) L1 Once 1 Animal (06/08/2015- 06/08/2015- 06/08/2015- 06/08/2015- 08-R-8B-NOBINAC L4 10XXIDS 541 - 1.N/A/N/A, (3) L1 ml Once 1 Animal (06/08/2015- 06/08/2	N - Unlikely	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00392	Ireland	Animal	Canine/dog	2.5 Year(s)	24/08/2015	18/09/2015	1	1 1	27/08/2015	Yes, <b R>BR> Yes, < BR> Yes</b 	Diarrhoea, Death Abnormal necropsy finding	No Data	Suspect adverse reaction: Dog vaccinated with Nobivac DHPPi, Nobivac L4 and Nobivac rabies on 24 Aug 2015. Owner rang vet on 3 Sept 2015 to asy that dog had diarrhoes and had been unwell since being vaccinated but did not elaborate in terms of any other cinical signs. Vet advised them to bring dog in for exam but they didn't. Owners rang again to say that dog was slying on 6 Sept 2015 and dog had died by time vet erached house. Dog had been in kernels for a period of time port vaccination in datels) and had been overfue the leptospirosis vaccine. Body to be sent for necropsy. Follow up: 08 Sept 2015. Foreign body found on necropy. No more information expected. Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI SOXIOS 195 Reason. To protect against canine diesses Generic: LEPPO LVET ZAM, REPIPABATI) 88 Ernat (NOBIVAC EARBIETS 51 REASON: Unknown. Generic: RABIETS IN ALU ADIJUVANT KV Brand: NOBIVAC RABIETS 1X1DS 195 Reason: Unknown. Generic: RABIETS IN ALU ADIJUVANT KV Brand: NOBIVAC RABIETS 1X1DS 195 Reason:		Not Known	Nobivac DHPPi - 1,N/A,N/A,10,1 ml Once (24/08/2015- 24/08/2015-BN-SBN-Nobivac L4 - 1,N/A,N/A,10,1 ml Once (24/08/2015-BN-SBR-Nobivac Rabies - 1,N/A,N/A,10,1 ml Once (24/08/2015-BR-SBR-Nobivac Rabies - 1,N/A,N/A,10,1 ml Once	N - Unlikely	alternative aetiology confirmed on necropsy

NOBIVAC L4	IE-NLINTVINT-2015-IE-00395	Ireland	Animal	Canine/dog	16 Month(s)	01/09/2015	21/09/2015	1 1	0 02/09/2	Not Known, BR> <br< no.<br=""><br< r=""> <b< th=""><th>Seizure NOS,Head tremor,Head bobbing</th><th>Other</th><th>Swipect adverse reaction: Dog vaccinated with Eurican DHPPI and Nobwac L4 on 1 Sept 2015. Also given Effipro spot-on solution. Dog developed focal setures in the form of head bobling 24 hours inter- Dog is bright and aller otherwise but the pelsodes have occurred bavice also, since secritarion and last approximately 2-5 minutes at a time. Vet has researched and discovered that idiopathic head bobbing can be sent in up to 34% following after a stressful event. No work up carried out at this time. 2 1 Sept 2015. The Competent Authority report that on a duplicate check, this dog was not administered hobbour DHPP in the uttend nRPPI. The vet conforms this. Duplicate report also received from Merial: As reported by the attending veterinarian, Yoda, an entire male, British Building, aged 1 year 4 months, verging 28 ig received BURICAN DHPP (LIGHOS). 1149 27015, by subcutaneous injection in the scruff of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration that a minute sperimence securies with he administ adjustment of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration the aminut apperimence clientures with he administ adjustment of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration the animal superimence clientures with he administration of the neck of the second of the product of the product of the neck of the second of the product. Sentence the product of the neck of the second of the product of the neck of the second of the product of the neck of the neck of the neck of the second of the product. Generic: URURAN CHPP2 Brand: ENERAM DHPP Ressors floating and the formation of the neck of health: Cool of the neck of the nec</th><th>Bulldog</th><th>Not Known</th><th>EFFIPRO 258 mg spot-on solution for large dogs - 1,1/L/N/A/2,41 bose Once (DI/09/2015 - 01/09/2015)-8RP-8RP-Eurican DMPH-1,1/M/A/1,0,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once</th><th>01 - Inconclusive</th><th></th></b<></br<></br<>	Seizure NOS,Head tremor,Head bobbing	Other	Swipect adverse reaction: Dog vaccinated with Eurican DHPPI and Nobwac L4 on 1 Sept 2015. Also given Effipro spot-on solution. Dog developed focal setures in the form of head bobling 24 hours inter- Dog is bright and aller otherwise but the pelsodes have occurred bavice also, since secritarion and last approximately 2-5 minutes at a time. Vet has researched and discovered that idiopathic head bobbing can be sent in up to 34% following after a stressful event. No work up carried out at this time. 2 1 Sept 2015. The Competent Authority report that on a duplicate check, this dog was not administered hobbour DHPP in the uttend nRPPI. The vet conforms this. Duplicate report also received from Merial: As reported by the attending veterinarian, Yoda, an entire male, British Building, aged 1 year 4 months, verging 28 ig received BURICAN DHPP (LIGHOS). 1149 27015, by subcutaneous injection in the scruff of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration that a minute sperimence securies with he administ adjustment of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration the aminut apperimence clientures with he administ adjustment of the neck. 1 dose was administered by the vet on 1 Sep 2015. On 2 Sep 2015, 24 hours after product administration the animal superimence clientures with he administration of the neck of the second of the product of the product of the neck of the second of the product. Sentence the product of the neck of the second of the product of the neck of the second of the product of the neck of the neck of the neck of the second of the product. Generic: URURAN CHPP2 Brand: ENERAM DHPP Ressors floating and the formation of the neck of health: Cool of the neck of the nec	Bulldog	Not Known	EFFIPRO 258 mg spot-on solution for large dogs - 1,1/L/N/A/2,41 bose Once (DI/09/2015 - 01/09/2015)-8RP-8RP-Eurican DMPH-1,1/M/A/1,0,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once (01/09/2015-8RP-8RP-Noblwac L4 - 1,N/A/M/A,10,1 ml Once	01 - Inconclusive	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00404	Ireland	Animal	Canine/dog	2 Year(s)	03/09/2015	15/09/2015	1 1	0 12/09/2)15 Yes, Ye	a Injection site abscess	No Data	Suspect adverse reaction: Dog vaccinated with Nobivac DHPPI and Nobivac L4 on the 3rd Sept 2015 and presented with a large abscess (fits taked) at the site of vaccination approximately 10 days later on 13th Sept 2015. Askess was drained and flushed and animal given antiblotics. No more information expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI SOXIDS 195 Reason: To greened infection with parxy distemper, adenovism and parainflusars wins. Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) (8b. Brand: NOBIVAC L4 SOXIDS 541. Reason: To prevent lepto) [State of health: Good of heal	Labrador Retriever	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Once (03/09/2015- 03/09/2015-BR-«BR»Nobivac L4 - 1,N/A,N/A,10,1 ml Once (03/09/2015-03/09/2015) 	B - Possible	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00406	Ireland	Animal	Canine/dog	4 Month(s)	24/08/2015	21/09/2015	1 1	0 24/08/2	915 Yes, Ye	B Lethargy (see also Central nervous system depression in 'Neurological', Weight loss, Non- regenerative anaemia, Pale mucous membrane, Diarrhoea, Anorexia	No Data	Suspect Advense Reaction, 22 Sep 2015: The vet vaccinated this dog with DHPPI and L4 on the 28 July 2015. The vet examined the dog on the 24 Aug 2015 and reports that the muscus membranes were pale. The dog was vaccinated again on this date with DHPPI and L4. On the 17 Sep 2015 the dog was presented with lethargy, diarrhoea, anorexis, weight loss and a non regenerable anaemia. Further tests are being performed. Follow up 6 Oct 2015: Dog has improved significantly and was discharged. Vet to do another heematology to check and see if still anaemic. Still no idea as to cause of anaemia Reason for use for product. Generic DHPPI LV Branch NORWINC DHPPI DUXDS 3P. Reason: Vaccination Generic LEPTO* QICT_CAN_GRIPP.BRAT) XB Brand: NOBIVAC L4 10X105 S41 Reason:	Akita	9	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Once 1 Animal (24/08/2015- 24/08/2015)-BR>-BR>Nobivac L4 - 1,N/A,N/A,10,1 ml Once 1 Animal (24/08/2015-24/08/2015)-BR>>BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00414	Ireland	Animal	Canine/dog	12 Week(s)	21/09/2015	09/11/2015	1 1	1 25/09/2	Known, <bi< td=""><td>mucous B membrane, Vomiting, Respiratory</td><td>No Data</td><td>Superior (Albertie Reaction, 25 Sep 2015; The vet administered Nobinoc DHPP and 4 an 0.1 Sep to a punci of approximately 12 weeks of age, the pup had also received Nobinoc DHPP and 4 an 0.5 Sep, no. 25 Sep the day was examined by the vet due to sudden onset of respiratory distress, vomiting and pale mucous membranes. The vet suspects an congenital heart murinar and has disposed cardiomegally or radiographs. The vet plans to enthanise the pupon welfare grounds. Full bloods, blood smear and a post morrier has been requested. Further information is espected, FOLUDIA-VET HEROMATION, 940: 2015. The day was enthanased on welfare ground and a postmortern was performed. The pathologist diagnosed a congenital action/oppath at the files/ such coldinations of collinations of collinations of the confirmation is expected. [Reason for use for product: Generic: DHPPI IV Branch 1080HAC DHPPI SOURDIS 155 18 Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 151. Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 151. Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 155.</td><td>English Springer Spaniel</td><td>3.8</td><td>Milbemax - 1,N/A,N/A, 24,1 Tablets Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC DHPP1 SOXIDS 195 - 1,N/A,N/A, 10,1 m/Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC L4 10XIDS 541 - 1,N/A,N/A,10,1 ml Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC L4</td><td>N - Unlikely</td><td>The pathologist diagnosed a congenital cardiomyopa thy as the likely cause of clinical signs.</td></bi<>	mucous B membrane, Vomiting, Respiratory	No Data	Superior (Albertie Reaction, 25 Sep 2015; The vet administered Nobinoc DHPP and 4 an 0.1 Sep to a punci of approximately 12 weeks of age, the pup had also received Nobinoc DHPP and 4 an 0.5 Sep, no. 25 Sep the day was examined by the vet due to sudden onset of respiratory distress, vomiting and pale mucous membranes. The vet suspects an congenital heart murinar and has disposed cardiomegally or radiographs. The vet plans to enthanise the pupon welfare grounds. Full bloods, blood smear and a post morrier has been requested. Further information is espected, FOLUDIA-VET HEROMATION, 940: 2015. The day was enthanased on welfare ground and a postmortern was performed. The pathologist diagnosed a congenital action/oppath at the files/ such coldinations of collinations of collinations of the confirmation is expected. [Reason for use for product: Generic: DHPPI IV Branch 1080HAC DHPPI SOURDIS 155 18 Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 151. Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 151. Reason: Vaccination Generic: ETPO "AICT, CAN, SEPIP BRAIT RB Branch 1080HAC LE 1015 155.	English Springer Spaniel	3.8	Milbemax - 1,N/A,N/A, 24,1 Tablets Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC DHPP1 SOXIDS 195 - 1,N/A,N/A, 10,1 m/Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC L4 10XIDS 541 - 1,N/A,N/A,10,1 ml Once 1 Animal (21/09/2015- 21/09/2015)=RR-BB-NOBINAC L4	N - Unlikely	The pathologist diagnosed a congenital cardiomyopa thy as the likely cause of clinical signs.
NOBIVAC L4	IE-NLINTVINT-2015-IE-00427	Ireland	Animal	Canine/dog	14 Month(s)	10/09/2014	09/10/2015	1 1	1 23/09/2	115 Yes, GRR>GR>GR>GR>GR>GR>GR>GR>GR>GR>GR>GR>GR>	Sudden death, Lack of efficacy	No Data	Suspected elic of expected efficacy: Genyhound blick, one of a number of greyhounds vaccinated with Noblava CR and Noblava CR	Greyhound	Not Known	NOBINAC DHPPI SXXIDS 195- 1,1/N/A/A, 10,1 mil Once (10/09/2014-10/	N - Unlikely	
NOBIVAC L4	IE-NLINTVINT-2015-IE-00428	Ireland	Animal	Canine/dog	14 - 16 Month(s)	10/09/2014	12/11/2015	40 40	0 30/09/2	115 Yes, -BR>-Yes, -BR>-Yes, -BR>-Yes, -BR>-Yes, -BR>-R>-Yes, -BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-	Lack of efficacy	No Data	Supected lack of expected efficacy. Animals from an establishment which rears and trains grayhound for export to the UK-40 grayhounds succinated with hobbac IPP94 and Nobbac L14 approximately 1 great aga and then successful with Nobbac K2 and Nobbac L14 approximately 1 more against a considerable of the property of the same and the property of the same and superior of the same and superior of the same and adjusted to one another and separated longly by wite. Approximately 10 days ago, the dog diveloped respiratory again variing from coughing to dypanes. One dog from a different year die adjusted to present a superior of the same and several superior of the same and superior of the same a	Greyhound	Not Known	NOBINIC DHPP SOXIDS 195 - 1.11/A.N/A. 1.0.1 ml Once (11/09/2014+08-1-880+N0BIVIX VIX 2015-8-XILS 01:125 - 4.N/A.N/A. 1.0.1 ml Once (11/09/2014+08-1-880+N0BIVIX VIX 2015-8-XILS 01:125 - 4.N/A.N/A. 1.0.1 ml Once (10/09/2014-08-1-880-N0BIVIX 14 30X15 10-1-1, YANA/A. 1.0.1 ml Once (10/09/2014-980-1-880-N0BIVIX 14 30X15 10-1-80-1-80-N0BIVIX 14 30X15 10-1-80-N0BIVIX 14 30X15 10-1-80-N0BIVIX 10-1-80-1-80-N0BIVIX 10-1-80-1-80-N0BIVIX 10-1-80-1-80-N0BIVIX 10-1-80-1-80-N0BIVIX 10-1-80-N0BIVIX 10-1-8		
NOBIVAC L4	IE-NLINTVINT-2015-IE-00481	Ireland	Animal	Canine/dog	Not Known	16/11/2015	07/12/2015	1 1	0 16/11/2)15 Yes, < R> >Pe	B Ataxia,Generalised weakness	No Data	Supected adverse reaction: Pup in for second vaccine and owner commented that pup was very weak and staggering/state orbity after 1st vaccination on 18 fow 2015. Pup had recovered by the followin moning. Vet queried hypoplycaemia given the small size of the pup. [Reason for use for producti generic: CANINE PARVO I VB andi: NGRIVAC PARVO-C 100105 159. Resourc To protect against panvovirosis Generic: IEPTO*4(ITC,AM,GRIPP,BRAT) KB Brand: NOBWAC L4 50XLDS 541 Reason: Unknown) [Sate for health: Good]	Crossbred	1.1	Nobivac L4 - 1,N/A,N/A ,10,1 ml (16/11/2015- 16/11/2015):BR> Nobivac Parvo-C - 1,N/A,N/A ,10,1 ml Once (16/11/2015-16/11/2015):BR> 	B - Possible	

NOBIVAC L4	IRL-MERCKMSD-2016-IE-00008	Ireland	Animal	Canine/dog	4 Month(s)	13/01/2016	15/02/2016	2 1	1 13/01/201	6 Yes, <b< th=""><th>Abdominal effusion, Lethargy (see</th><th>No Data</th><th>Suspected adverse reaction: Pup had been with new owner for 2 months before being vaccinated an wormed for the first time on 13 Jan 2016. Pup was quiet that night and did not eat any food. The pup</th><th>Yorkshire</th><th>0.9</th><th>Milbemax chewable tablets for small dogs and pupples5.N/A.N/A</th><th>B - Possible</th><th>Chronology compatible with a product related effect. Product association possible in absence of confirmed</th></b<>	Abdominal effusion, Lethargy (see	No Data	Suspected adverse reaction: Pup had been with new owner for 2 months before being vaccinated an wormed for the first time on 13 Jan 2016. Pup was quiet that night and did not eat any food. The pup	Yorkshire	0.9	Milbemax chewable tablets for small dogs and pupples5.N/A.N/A	B - Possible	Chronology compatible with a product related effect. Product association possible in absence of confirmed
										 Yes	depression in Neurological II, Hypothermia, Anore sia, Beath, Pulmonary oedema. Pleural effusion		was examined by the vet the next morning and was spanting and quiet with low temperature. Pup was given carprofine, Pedamox and warmed fluids shout. Pur perturned later and was hypothermic with temperature of 34.8 C but was not collapsed. Pup was given warmed intravenous fluids, and licked convalescent food off a spoon. Pup dead of eve hours later, body to be sent for post morten. An olde dog in the same house was also vaccinated at the same time and is fine. Follow up: 1 Feb 2016. No definitive results no post morten, and there and histopathology results for follow, pp. 15 etc. 2016. No definitive results no post morten, and there and histopathology results for follow, pp. 15 etc. 2016. No definitive results no post morten, culture and histopathology results for follow, pp. 15 etc. 2016. No definitive results no post morten, culture and histopathology and continued and post of the same house was a some continued on a change were observed. The cause of the death of the animal remains unclear. There was no evidence of any bacterial infection based on microbiological examination and histopy. Therefore the moderate abdominal effusion is likely to be a transudate. Evidence of fatty liver was also not found. Reason for use gainst canne disease Generic. LETIO*3(T.C.AW,GRIPP.BRAT) tills the standard sold ones and pupping season. To protect against legion Generic: Brown Killeroax of Milleroax chewable tablets for small dogs and pupping Reason. Unknown.] [State of health: Good]	r		2.40.5 TableSt (12/01/2016- 12/01/2016)-ER-SH-Noblwac DIPPF - 1,N/AN/A, 10,1 ml (1 Day(s) 13/01/2016-ER-SHS-Noblwac 14 13/01/2016- 13/01/2016-ER-SHS-Noblwac 14 13/01/2016-13/01/2016)-ER-SHS- 13/01/2016-13/01/2016)-ER-SHS		alternative actiology following necropsy.
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00011	Ireland	Animal	Canine/dog	11 Week(s)	09/01/2016	01/02/2016	1 1	0 11/01/201	6 Yes, <b R> Yes</b 	Corneal ulcer,Corneal oedema	No Data	Suspected adverse reaction: Pay vaccinated with Nobiwac DHPR and a lepto vaccine (not sure if Nobiwac Lepto 2 or 1,0 no 2 abe c 2.015. Moved vets and was vaccinated with Nobiwac DHPR and Nobiwac Lepto 2 not 1,0 no 2 no	Shih Tzu	1.8	Nobius CHPPI - 1,N/A.N/A, 1,0,1 ml (09/01/2016)-08/01/2016)-BR>~BR>Nobiusc L4 - 1,N/A.N/A, 1,0,1 ml (09/01/2016)-09/01/2016)-BR>~BR>		
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00021	Ireland	Animal	Canine/dog	8 Month(s)	01/04/2015	26/01/2016	1 1	1 01/08/201	5 No, <b R> No</b 	Death,Lack of efficacy	Other	Suspected Lack of Expected Efficacy. Dog developed jaundice at approximately 8 months of age and died. No post mortem carried out. Extra label use as the booster was given three months after the fir varication not two for four weeks later as recommended. No more information expected. [Reson for use for product: Generic: DHPP I VB Brand: NOBINAC DHPP) SOXIDS 158 Reason: For the active immunisation against canine determine, canine adenovinus, 2 canine panovinus, canine parainfluenzavirus Generic: EFTO*4I(T.CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 10XIDS 541 Reason: Vaccination [State of health Good]	Other st Canine/dog	Not Known	Nobivac DHPPI - 1,N/A,N/A,24,1 Vial/Ampoule(s) 1 Animal (01/04/2015- 01/04/2015)-BR> Nobivac L4 - 1,N/A,N/A,24,1 Vial/Ampoule(s) 1 Animal (01/04/2015- 01/04/2015-BR> 	No assessment performed	Product was used off-label and lack of efficacy can only be assessed following recommended use of the product.
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00022	Ireland	Animal	Canine/dog	Not Known	01/03/2015	26/01/2016	1 1	1 01/12/201	5 Yes, <b R> Yes</b 	Death,Lack of efficacy	No Data	Suspect Lack of Expected Efficacy, Dog was vaccinated wice in Feb and Mar 2015, and developed jaundice in Dec 2015 and died. No post mortem carried out. No more information expected. [Reaso for use for product: Generic: DHPPI U Brand: NOBINAC DHPPI SOLIDS 195 Reason: Vaccination Generic: LEPTO*4[ICT,CAN,GRIPP,BRAT] XB Brand: NOBINAC L4 10XIDS 541 Reason: Leptospirosis] [State of health: Unknown]	Other n Canine/dog	Not Known	Nobivac DHPPI - 1,N/A,N/A,24,1 Vial/Ampoule(s) 1 Animal (01/03/2015- 01/03/2015)-SBX- Nobivac L4 - 1,N/A,N/A,24,1 Vial/Ampoule(s) 1 Animal (01/03/2015- 01/03/2015\cdot BR>-BR>	O - Unclassifiable/unassessa ble	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00092	Ireland	Animal	Canine/dog	6 Year(s)	19/02/2016	26/02/2016	1 1	0 23/02/201	6 Yes, <6 R> >BR>Not Known	Lethargy (see also Central nervous system depression in 'Neurological', Anorexia, Diarrhoea, Vomiting, Milk drop	Not Known	Suspected adverse reaction. Entire bitch was rescued from a house a few weeks after having had a litter of a pupe, 67 weeks ago. Bitch was vocinated with Nobbec DHPP and Lo on 19 ePo 2016 and was lethargic and annotexic 4 days later. Owner contacted vet and was told to give Loxicom (RSAID) b no improvement was seen. Bitch had stopped feeding pups and had started with vomiting and diarrhoea. Bitch was given antibiotics, steroid and fluids (i) van dhas subsequently recovered. Pups ha since been weamed. No more information expected. (Reason for use for product: Generic: DHPP L Branch NOBINAC DHPP SOURDS 195 Reason: To protect against canine dessear Generic: LEPTO*QICT_CAN_GRIPP_BRAT] NS Branci: NOBIVAC L4 SOXIDS 541. Reason: To protect against lepto Sizes for health From the comment of the control of	Jack Russell Terrier ut	Not Known	Nobivac DHPPi - 1,N/A,N/A,10,1 ml (13/02/2016-19/02/2016)&BR~BR>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml (13/02/2016-19/02/2016)&BR~BR>	O1 - Inconclusive	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00135	Ireland	Animal	Canine/dog	3 Year(s)	01/01/2016	06/04/2016	2 2	2 01/03/201	6 Not Known, BR >BR>CBR>CBR> Yes	Death,Lack of efficacy	No Data	Sapert Lack of Expected Effacor, A rescue centre executated two adult dogs in lan 2016 with Nobio UNIPP and Nobious, La a second rejection of Nobious La labow use administered four weeks later. Both dogs were neutreed and became ill approximately one week after surgery in March 2016. Namenormage garborenetrists was diagnosed in both dogs, Both dogs were treated with IV fluids but, died within a few days of stanting treatment. Samples of intestinal contents were taken from one dog rather information is expected 501.004/W INFORMATION, 6Apr. The vet did not send any obstmortem samples from either of the dogs that died therefore no further information is expected. 501.004 PIN 107 MARTION, 6Apr. The vet did 105 is Reazon Control of product. Generic Lether 104 PIN 107 MARTION CORPORATION 105 is Reazon Vaccination Generic Lethol 44(T, CAM, GRIPP, BRAT) kB Brand: NOBIVAC L45 001.05 \$1 Reazon:	c Other Canine/dog	Not Known	Nobivac DHPPI - 1,N/A,1 Days,10,1 ml 1 Days 1 Animal (01/01/2016- 01/01/2016/BR-NBR-Nobivac L4, suspension for injection for dogs - 1,N/A,1 Days,10,1 ml 1 Days 1 Animal (01/01/2016- 01/01/2016)-BR-NBR-	N - Unlikely	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00145	Ireland	Animal	Canine/dog	5 Month(s)	02/12/2015	31/03/2016	1 1	0 21/12/201	S Yes, <6 R> Not Known	Lack of efficacy	Not Known	Sapected lick of respected efficacy: Pug legt in a shelter was vaccinated with Noblauc DHPPI and L4 on 2 Dec 2015. And developed clinical signs of pano visus or 2D bec 2015. The pug was 5 months do time of vaccination and had received a primary injection of Noblauc DHPPI and Noblauc L4 2 weeks previously on 18 Nov 2015. Another pug, housed with the doig in his case also went not develop clinical signs of pano on 29 Dec 2015. The diagnosis was made using a snap test. The doign inhis case recovered within a week of intensive treatment with fillust, antibiotics and support the thrapy. (Reason for use for product: Generic DHPPI LV Brand: NOBIVAC DHPP SOXIDS 195 Reason: To protect against valid diesee Generic: ETPT 4ICT_CAM_GRAPPART IX B Brand: NOBIVAC L4 SOXIDS 541 Reason: to protect against legto] [State of health: Good]	Siberian Husky	Not Known	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (02/12/2015- 02/12/2015-BRS-BRS-Nobivac L4 - N/A,N/A,N/A,N/A,N/A (02/12/2015- 02/12/2015) -BR>	N - Unlikely	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00146	Ireland	Animal	Canine/dog	15 Week(s)	21/12/2015	31/03/2016	1 1	0 29/12/201	S Yes, <6 R> Not Known	Lack of efficacy	Not Known	Suspected lick of expected efficacy: Pug legt in a shelter was vaccinated with Noblaco DHPPI and L4 on 21 Dec 2015. The pug not ad eveloped clinical signs of parvo on 29 Dec 2015. The pug uss 14 weeks old at time of vaccination and had received a primary rijection of Noblaco DHPPI Noblaco L4 2 weeks previously on 6 Dec 2015. Another pug, housed with the dog in this case encovered but was very elections; The disposition was made using a snap test. The dog in this case encovered but was very elethangic and dehydrated and was close to death at one point. [Reason for use for product. Generic DHPPI LV Branch NOBIVAC DHPP SIXMLS 59 Reason: To protect against vist disease Generic: LEPTO*QICT_CAN_GRIPP_BRAT] SB Branch NOBIVAC L4 50X1D5 541. Reason: to protect against legtor Sixtes of health of Sod of the Sixtes of Place Protect of the Sixtes Protect of the Sixtes Place Protect of the Place Protect of the P	Labrador Retriever	Not Known	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (21/12/2015- 21/12/2015-BRR-BRR-Nobivac L4 - N/A,N/A,N/A,N/A,N/A (21/12/2015- 21/12/2015)-BR- 	N - Unlikely	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00151	Ireland	Animal	Canine/dog		02/04/2016	18/04/2016	1 1		6 Yes, Yes	Injection site swelling.Pyrexia	No Data	Suppercied adverse reaction: Dog vaccinated with Noblava. L4 and Noblava KC on O2 Apr 2016 and presented at a different vet clinic 2 aby, a late with previa and a large swelling at the site of vaccination (between the shoulders). The skin is raised and thickneed and approximately the width of tens latel all though to does not extend from the skin, le. It is, no possible to pot fingers underreadt swelling. There is a soft centre to the swelling where the vet aspirated a very small amount (0.2ml) of milky serosanginous flux. No poss appraised. Ong is being treated with meloscian and antiblotics and will revisit in a few days. Follow up: 18 April 2016. Dog due for a revisit on 19 Apr 2016 but nurse spok with owner this noming who says swelling has resolved and that dog is back to normal. No more information expected. [Reason for use for product: Generic: BB CANINE / PI LBI/LV Branck TORILVI K STADIS-TORILVI CANINE/VI KC STADIS-TORILVI CANINE/VI KC STADIS-TADIS DUE 12 Reasons for protect against signs of cariner cough Generic: LEPTO*QICT_CAN_GRIPP_BRAT] \BB Branci: NOBIVAC L4 SOX105-541 Reason: To protect against is given for health's Goodle or health's Good	e	Not Known	Nebbuc KCN/AN/A,N/A,N/A,N/A,N/A (02/04/2016- 02/04/2016-Br>-RB-Nobivac L4, suspension for injection for dogs -N/AN/A/NA /NA/NA (02/04/2016- 02/04/2016)-BR>-CBR>	A - Probable	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00154	Ireland	Animal	Canine/dog	12 Week(s)	22/03/2016	07/04/2016	1 1	0 27/03/201	6 Yes, <br R> >BR>No</br 	Partial blindness, Uveitis, Temporary blindness	Not Known	Suppercle adverse reaction: Puly vaccinated with Noblace DHPRI and La and S days later presented with uselfits of the left eye. Complete correal oedema and unable to see with that eye. Uselfis began in the right eye a few days later. Treatment involved maxitrol and a tropine and correal oedema has almost completely resolved and dog can see again. (Reason for use for product: Generic: DHPPI LV BRIACH NOBINAC DHPP SOURDS 155 Reason: To protect against cannel deseare Generic: LEPTO*QUIC_CAM_GRIPP_BRAT] Sig Brand: NOBIVAC L4 SOXIDS 541. Reason: To protect against lestonopiosal (SIRSOR de health; Coold).	Maltese	Not Known	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (22/03/2016- 22/03/2016): BR> -Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (22/03/2016- 22/03/2016): BR> 	B - Possible	

	IRL-MERCIONSD-2016-1E-00169	Ireland	Animal	Canine/dog	4 Year(s)	04/04/2016	06/05/2016	1 1	o i	34/04/2016	Ro-GR-ABP-Ves, GRP-ABP-ABP-ABP-ABP-ABP-ABP-ABP-ABP-ABP-AB	Gagging, Hyponatremia, Dull, Elevate d bile acids, Hyperkalaemia, Off colour, Lethang (see also Central nervous system depression in Neurological). Anorexis, Drinking a lot, Vomiting		Suspected adverse reaction: Dog vaccinated with Nobivac DHPPI and L4 on 4 Apr 2016 and also received disracetto 250mg and for wormer for small dogs on the same day. Within a few hours the dog had vaccined to the same day. Within a few hours the dog had vaccined to the same day. Within a few hours the dog had vaccined to the same day. Within a few hours the dog had vaccined to the same day of the	Bichon Frise	5	Bravecto 250 MG CHEWABLE TABLETS: N/L.N/I/N/I/N/I/N/I/N/I/N/I/N/I/N/I/N/I/N/I	OI - Inconclusive	
	IRL-MERCKMSD-2016-IE-00175	Ireland	Animal		9 Month(s)		09/05/2016	1 1			R> Yes			Suspected lack of expected efficacy for hepatitis and Lepto. Pup was vascriated with Nobixoc DHPPI and Nobixoc L4 at 8 weeks and 11 weeks of age. Approximately 6 months later dop presented collapsed with vomiting and is severely joundised. Leptospirosis and infectious hepatitis suspected. Bloods taken for Mix Urites and for serology, Follow up 2.1 Alz 2015. Die geuthansed this moming. No post mortem wanted. Follow up 09 May 2016. MAT URES were negative to all serovars tested including flose occurred by Nobixoc L4 Archbody titre to canne aderovirus was only 200. [Reason for usef for product: Generic: LEPTO*4I(CT_CAN,GRIPP,BRAT) RS Branch : NOBIXAC L4 SOXLOS 541 Reason: To protect against lepsopiosis Generic: LEPTO*4(CT_CAN,GRIPP,BRAT) RS Branch : NOBIXAC L5 SOXLOS 543 Reason: To protect against parvo, distemper, infectious hepatitis] [State of health: Good]	Greyhound	Not Known	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (02/10/2015- 02/10/2015)-BR>-BR> Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A (02/10/2015- 02/10/2015)-BR>- 	O1 - Inconclusive	
NOBIVAC L4	IRL-MERCKMSO-2016-IE-00188	Ireland	Animal	Canine/dog	16 Week(s)	19/03/2016	28/04/2016	1 1	0	02/04/2016	Yes, <b R> >CBR>Yes, < BR> Yes</b 	Diarrhoea, Vomiting, Lameness, Pust ules, Hypertrophic osteodystrophy	No Data	Siapected adverse reaction: Pap vaccinated with Noblace DHPP, Noblace L4 and KC on 19 Mixrls 2015 and presented with small pistules on the ventral abdomen 2 venesis later. Was treated with predriscione and antibiotics and responded well. On 14 April 2015 presented with diarrhoea and very sore legs and feet and was unable to bear weight. After a few days a sligmoss of hypertrophic osteodystrophy was made based on radiographic changes and pup was started on non steroidal and infilammatories, antibiotics and Galaspentin. Has improved significantly but still as little sore on palpation of the feet. [Reason for use for product: Generic: DHPP I V Branch NOBINAC DHPP SOICID 55 Reason: Unknown, Generic: EBC ANINE; PI LB/LV Branch NOBINAC LK 5XIDS+SXIDS DIL SCIRIDS 51 Reason: Unknown. Stered: hell SEA CANINE; PI LB/LV Branch NOBINAC LK 5XIDS+SXIDS DIL SCIRIDS 51 Reason: Unknown. State of hellests Good!	Akita	Not Known	Nobiva CHPPi - N/A,N/A,N/A N/A,N/A (19/03/2016- 13/03/2016-BRBR-Nobivac KC - N/A,N/A,N/A,N/A,N/A (19/03/2016- 19/03/2016-BRBR-Nobivac L suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (19/03/2016- 19/03/2016)-BRBR->	O - Unclassifiable/unassessa ble	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00205	Ireland	Animal	Canine/dog	6 Month(s)	16/04/2016	12/05/2016	1 1	0	18/04/2016	Yes, <er>Yes</er>	Leucopenia, Neutropenia, Circulator y collapse (see also 'Neurological' and 'Systemic disorders'), Pyrexia, Generalised weakness	No Data	Suspected adverse reaction: Pup vaccinated on 16 Apr 2016 and was collapsed and pyrexis Z days later, unable to walk. Pup was very underweight at time of vaccination and owner had only been advised to feed cereal and milk so may have had problems prior to being sold. Bloods revealed severe leukopenia and neutropenia, Pup responded well to intravenous fluids, antibiotics and an antil infarmantory and bloods returned to normal after a few days. However, has since had a further 2 epicodes of collapse, pyrexia and leukopenia. Pup is now recovered and bloods have returned to normal but ver querying possible relapse. No improvement with steroids. Further work up unlikely. (Reason for use for product. Generic Lorph U. Branch MOMING CMPP SINDLES) SR Reason: Unknown. Generic: LEPTO*4[ICT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L4 SOXIDS 541 Reason: Unknown.] [State of health: Fair]	Other Canine/dog	Not Known	Nobixe DHPPI - N/A,N/A,N/A ,N/A,N/A (18/04/2015) 16/04/2016/sBR~BR>Nobixac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A (18/04/2016- 16/04/2016) -BR> 	O1 - Inconclusive	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00206	Ireland	Animal	Canine/dog	2.5 Year(s)	13/05/2016	13/05/2016	1 1	0	13/05/2016		Vomiting.Collapse (see also 'Cardio- vascular' and 'Systemic disorders')	No Data	Suspected adverse nearction: Doy vaccinated with Noblava CHPIP and L4 on 13 May 2015 and a few hours later vemitted and then collapsed unconscious for a few seconds. Dog has since recovered. Blood profile normal. Vet thinks dog may have suffered from aproces when vomiting (due to the breed) but doesn't how for sure. [Reason for use for product: Generic: DHPPI LV Branch NOBIVAC DHPPI SONID15 STREAM CURRIONNEW, GENERIC: EETO*4[ICT_ANGRIPP_BRAT] KB Brand: NOBIVAC L4 SONID5 541 Reason: Unknown.] [State of health: Good]	French Bulldog	Not Known	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (13/05/2016- 13/05/2016):BR> -Nobivac L4, suspension for injection for dogs- N/A,N/A,N/A,N/A,N/A (13/05/2016- 13/05/2016):BR> 	B - Possible	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00227	Ireland	Animal	Canine/dog	10 Year(s)	17/05/2016	03/06/2016	1 1	0	17/05/2016	Yes, <b R> Yes</b 	Vomiting, Gastritis, Anorexia, Necroti sing steatitis, Dehydration	No Data	Suspected adverse reaction: Dog vaccinated with Noblaxc DHFPI and LE on 17 May 2016 and began vomiting 1 hour later. Vomitting continued for 24 hours and dog was quite weak and dehydrated as a result. Bloods all normal but admitted for fluids. Nothing almormal on X ray or ultrasound but still anorexic. Exploratory laparotomy revealed thickened stonach vall. Biologist laken for histopathology. Results as follows: Kitological Diagnosis; Fain terrois severe with chronic moderate fibrosis. Gastrinis, flymphocytic and plasmacytic, multifloral, mild, chronic. Possible causes listed include leakage of pancreatic emphies or an infectious cause. Dog treated with ambibliotics, and renetics, anti inflammatory and zantac and has recovered clinically as of 27 May 2016. [Reason for use for product: Generic: DHPP I V flarant. NOBINAC LES ON STATE	Labrador Retriever	Not Known	Nobinz CHPPi - I_N/AN/A_24,1 Dose (17/05/2016- 17/05/2016-BR>-RB>Nobinzc L4, suspension for injection for deg- 1.N/AN/A_24,1 Dose (17/05/2016- 17/05/2016)-BR>-BR>	B - Possible	
NOBIVAC L4	IRI-MERCKMSD-2016-IE-00242	Ireland	Animal	Canine/dog	4 Year(s)	15/06/2016	24/06/2016	1 1	Ō	19/06/2016	Yes, <b R> Yes</b 	Injection site swelling,Pyrexia,Injection site seroma	No Data	Siapect Adverse Reaction: The vet vaccinated a dog with Nobivac DIPPI and Nobivac L 4 on 15 Jun. Four days after vaccination the dog was presented to the vet with pyrexis and swelling at the injection size. The vet diamied the size and administered VI fulids, antibiotics and anti-infilammatories. Hatematology was performed and was normal. Fluid from the injection size was serous. A few days later swelling occurred again at the injection size and draining was performed again. No further information is expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI LONGIOS 158 Reason: Vaccination Generic: LEPTO*QITC.ANG.RIPP.RRAT) KB Brand: NOBIVAC L4 10XLIDS 554 Reason: Vaccination Generic: LEPTO*QITC.ANG.RIPP.RRAT) KB Brand: NOBIVAC L4 10XLIDS 541 Reason: Vaccination Generic: LEPTO*QITC.ANG.RIPP.RRAT) KB Brand: NOBIVAC L4 10XLIDS 541 Reason: Vaccination [State of health: Good]	Crossbred	Not Known	Nobivac DHPPI - 1,N/A,1 Days,10,1 ml 1 Days 1 Animal (15/06/2016- 15/06/2016-18R->dRN-Nobivac L4, suspension for injection for dogs - 1,N/A,1 Days,10,1 ml 1 Days 1 Animal (15/06/2016- 15/06/2016-BR>>dR>>	B - Possible	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00251	Ireland	Animal	Canine/dog	11 Week(s)	30/06/2016	04/07/2016	1 1	0	30/06/2016	Yes, <b R> Yes</b 	Vocalisation, Diarrhoea, Dull	No Data	Suppercial adverse nexcions Pay succlosed with Nobbac DHPR and Nobbac L4 on 30 Jun 2016 and vocalized afferences. No pid these women at time of treatment but did not get a worm dose concurrently. Pay was very uncetted and dull for the rest of the day and night and developed watery distributes on the 11 ut 2016. Pay was admitted for intervenous fluids and was much beginer and esting again the following day. The distributes it resolving. No more information expected. [Reason for use for product: Generic DHPPI U.V Brank (DMIVIC DHPPI SURGE) 55 Pa Reason: Unknown. Generic: LEPTO*4[UT, CAN, GRIPP BRAT] KB. Brand: NOBIVAC L4PS 10015 541. Reason: Unknown.] [State of healths. Ground.]	Crossbred	Not Known	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (30/06/2016- 30/06/2016)-BR>-BRP Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (30/06/2016- 30/06/2016)-BR> 	B - Possible	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00253	Ireland	Animal	Canine/dog	Not Known	01/01/2016	12/08/2016	1 1	0	01/01/2016	Not Known	Epileptic fit	Not Known	The control of the co	Other Canine/dog	Not Known	Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (01/01/2016-01/01/2016) 	O - Unclassifiable/unassessa ble	

NOBIVAC L4		Ireland	Animal	Canine/dog	10 Week(s)	14/07/2016	03/09/2016	1	1 0 14/6	×BR≻ Yes, <bi R×BR</bi 	n, 'BR R> Yes</b 	Ataxia, Letharpy (see also Central nervous system depression in Neurological')	No Data	Suspected adverse reaction: Pay vaccinated with Noblava CHPR and Noblava CH on 14 Jul 2016 and was leithings and volobly on its leg is a Per hous late. Pay leg at Drottal wormer after vaccination. No treatment required and puy was back to normal the following morning. [Reason for use for product: Generic DPRPH U Strands (NOBIVAC DPRPS SIXIST) SPS Reason. To protect against canine viral disease Generic: LEPTO*QIFCT,CAN,GRIPP,BRAT) ISB Brand: NOBIVAC L4 SQXIDS.541. Reason. To protect against canine Strands Chronal byte Six Reason Chronicated Strands (Strands Chronal byte Six Reason Chronal byte Six Reason Chronal byte Six Reason Chronicated Strands (Strands Chronal byte Six Reason. To protect against calmost six Six Reason. To protect against capital spots protect against capital spots growers and chronal byte Six Reason. To protect against capital spots and chronicated	English Cockei Spaniel	Not Known	Dontal Plus Flavour Bone Shaped Tablets Flav Table Dog 10 Rg - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	B - Possible	
NOBIVAC 14	IRL-MERCKMSD-2016-IE-00271	Ireland	Animal	Canine/dog	6 Week(s)	25/07/2016	21/09/2016	5	1 1 25/6	R> <	RX-BRX-B II	Injection site abscess_Joint weeling.Joint jan.Death by euthanasia_Anorexia_Lethangy (see also_Central nevous_system depression in Neurological*)_Pyrexia_Hind limb ataxia	No Data	Sisapected adverse reaction. Litter of pups vaccinated on 25 Mz 2016 and one pup was lethangic and previet the following day. Vet administered non steroidal and pup was back to normal the following day but then re presented on 28 Mz 2016 with lethangs, prevais and annovais. An abscess at the vaccination site was papilable later that neight and it was lanced and fluxhed and pup is much brighter this moming. Full recovery expected and antibiotics provided. Pup was micro chipped on the same day as vaccines were given. POLLOW-Pup InNORAMION, 2 Aug 2016, case upgraded to serious: The vet reprost that the right ellow and left stiffe are now painful and swollen. Auginates are not possible due to the base of the office. The vet suspects either septic/immune mediated polyarthins. The pap has been to the base of the office. The vet suspects either septic/immune mediated polyarthins. The pap has been to the base of the office of the vet suppects and an advantage of the participation	English Cocke Spaniel	Not	Noblac L4, suspension for injection for ongs. "NA,NA/NA,N a/NA/N (125/07/2016-	B - Possible	
	IRL-MERCKMSD-2016-IE-00282	Ireland	Animal	Canine/dog	11 Year(s)	31/07/2016	10/08/2016	1		R×BR:	x>≺BR>Yes	Death, Lack of efficacy	No Data	Supper Lack of Espected Efficacy: A dog, was vaccinated with Nobias C NPPR and L8 at the end of July 2016. The dog was admitted to kennels the day after vaccination. A week following vaccination the dog was admitted to the vet with sudden orned of juunide: and liver and kilony failure was diagnosed. The dog did not respond to treatment with IV fluids and died shortly after admission. A postmontem was advised but the vet declined. The vet suspects (epotopois) or reopisias. No unither information is expected. [Reason for use for product: Generic: DHPPI LV Brand: NOBIVAC DHPPI JDXIDS 195 Reason: Vaccination Generic: LEPTO 4 (ETC.AMS,GINPP),BRAT] KB Brand: NOBIVAC L4 IDXIDS 541 Reason: Vaccination] [State of health: Good]	Retriever s	30	Nobivac DHPPI - 1,N/A,1 Days,10,1 ml 1 Days 1 Animal (31/07/2016-31/07/2016-8R->BR-Nobivac L4, suspension for injection for dogs-1,N/A,1 Days,10,1 ml 1 Days 1 Animal (31/07/2016-31/07/2016-8R>>	N - Unlikely	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00316	Ireland	Animal	Canine/dog	6 Year(s)	01/09/2016	23/09/2016	1	1 0 01/0	9/2016 Yes, <bi R><br:< td=""><td>R> <b \\="" \text{ir="">}</td><td>Vomiting,Addison's disease</td><td>No Data</td><td>Siapected adverse neartion: A dag was vaccinated with Nobhac DHPPI and Nobhac L4 on 15eq; 2016 and dog began vomiting later that night. The vomiting continued for 2 weeks until such time as the dog was referred to another practice where Addison's disease was diagnosed. Dog is currently being treated with steroids and mineralocorticoids and omegrazole and is oding well. [Reason for use for product: Generic DPPI L VB rands (NOBVICA DPPI SYBLOS) SP Reason: Unknown. Generic: LEPTO*4(CT_CAM_SRIP_BRAT) KB Brand: NOBIVAC L4 50XLDS 541 Reason: Unknown.) [State of health. Good!</td><td></td><td>8.2</td><td>Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (01/09/2016- 01/09/2016)-BR>-SBR>Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (01/09/2016- 01/09/2016)-BR>-SBR></td><td>B - Possible</td><td></td></br:<></bi 	R> <b \\="" \text{ir="">}	Vomiting,Addison's disease	No Data	Siapected adverse neartion: A dag was vaccinated with Nobhac DHPPI and Nobhac L4 on 15eq; 2016 and dog began vomiting later that night. The vomiting continued for 2 weeks until such time as the dog was referred to another practice where Addison's disease was diagnosed. Dog is currently being treated with steroids and mineralocorticoids and omegrazole and is oding well. [Reason for use for product: Generic DPPI L VB rands (NOBVICA DPPI SYBLOS) SP Reason: Unknown. Generic: LEPTO*4(CT_CAM_SRIP_BRAT) KB Brand: NOBIVAC L4 50XLDS 541 Reason: Unknown.) [State of health. Good!		8.2	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (01/09/2016- 01/09/2016)-BR>-SBR>Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (01/09/2016- 01/09/2016)-BR>-SBR>	B - Possible	
NOBIVAC L4	IRL-MERCKMSD-2016-IE-00319	Ireland	Animal	Canine/dog	5 Month(s)	01/01/2016	23/12/2016	1	1 0 26/6		i 1, <br NOWN</br 	Lack of efficacy	Not Known	Suspected also of expected efficacy. Greyhound purp presented at approximately 5 months with justicute, lethragy and vomiting. Bloods show markedly elverdur user, certainine, AT and ALFA. Pet suspects leptospirosis. Owner breeds greyhounds and has approximately 40 animals. This pur was vaccinated twice with Nobrouc DPPRI/QT but vet urusur or vaccination dates. The owner gave the first vaccine at 5 weeks old and the second vaccine at 12 weeks old. Pup on dowcycline. Follow up 7 coolers 2016. Laboratory lesting MAT Inters. Labralisis walk for a three typositive 1/F600 Liceron MAT Ab time: postive 1/F600 Liceron MAT Ab time: postive 1/F600 Liceron MAT Ab time: observed to the control of the control o	Greyhound	Not Known	Nobiwa ChiPPI - NI/AN/AN/A NI/AN/A (01/01/2016) 01/01/2016-8RP-4BP-Nobiwa L4, supension for ligition for dogs: NI/AN/AN/A NI/AN/A (01/01/2016- 01/01/2016)-8RP-4BP-	O - Unclassifiable/unassessa ble	
NOBIVAC L4	IRL-MERCKIMSD-2016-HE-00372	Ireland	Animal	Canine/dog	8 Month(s)	11/07/2016	23/12/2016	1	1 0 28/3		iR>dBr>No	Lack of efficacy	Other	Supported bills of expected efficacy for Legio reported on 18 Nov 2016 On the 11th of July 2016 in make German Shepher day saw succinidar with Nobbace DHPP and L4 succine. On the 28th of July 2016 the vaccine was repeated using Nobbace DHPP and L4 Legic Deep 10 on the 28th of July 2016 the vaccine was repeated using Nobbace DHPP and L4 (ELU, interval loo short). A few weeks ago threader for liver discussion of the discussi	German Shepherd Dog	Not Known	Bobissc DIPRP - J.N/A.y/A, 24.1 val/Ampouled J. Aminal (15 Dayls) 11/07/2016- 26/07/2016/SBR-SBR-Nobbissc L4, suspension for injection for dogs - 1.N/A/N, 24.2 Ival/Ampoule(s) Animal (15 Dayls) 11/07/2016- 26/07/2016/SBR-SBR-	No assessment performed	Efficacy can only be assessed following recommender use of a product. Notice L4 was used of Fabels in this report and as such efficacy cannot be assessed.
	IRL-MERCKMSD-2016-IE-00389	Ireland	Human		28 Year(s)	12/12/2016		1		2/2016 Not Kn		Injection site pain	Not Known	Human Exposure Symptomatic. On the 12th of December 2016 a ver was using Nobinec 14 to routinely ovaccinate ada gat I falm however injector the needle into the plann of her left hand cotes to the fourth metacarpat. The amount of vaccine administered is unknown. At 12pm on the same day the fourth and fifth fingers on this hand were sore but not swellen. The vert host paracetame, 19 hanhas resolved however unable to close these two fingers into a tight fist. No more information is expected. [Reason for user for product: Generic LEFTO* 40CTCAM_GRIPP.BBATX IS Brands: NOBIVAC L4 50X1D5 541 Reason: Accidental Exposure] [State of health: Unknown]	/ Human h i	Not Known	Nobivac L4, suspension for injection for dogs - ",, 		
NOBIVAC L4	IRL-MERCKMSD-2017-IE-00110	Ireland	Animal	Canine/dog	9 Week(s)	07/03/2017	16/03/2017	5	1 1 07/0	3/2017 Yes, <bi R><br:< td=""><td>IR> <b i<="" td=""><td>Death</td><td>No Data</td><td>Suppered adverse mexition: On 7 March 2017 a litter of 5 puppies were vaccinated using Nobiaco DHPPR and LA. On 8 March 2017 the owner reported that not pupply had died overnight. The body has been sent for post-montern. Await results. Modified incorrect data on 18th March 2017. The products used were Nobiace Pano-C and Nobiace LA. Awaiting post-mortem report. Follow up 20th March 2017. Post mortem report revealed the presence of a food bolus in the traches. The cause of death was due to suphysiation. No more information expected. [Reason for use for product: Genefic: CAMINE PARVIOL 19 and USBURNE ADMOVED. CEDIOLS 195 Resson Vaccination Genefic: LEPTO*QIFCT.CAM,GRIPP.BRATT KB. Brand: NOBINAC LA 10XLDS-541. Reason: Vaccination] [State of health. Good!</td><td>Boxer (German Boxer)</td><td>Not Known</td><td>Nobivac L4 - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal 07/03/2017 07/03/2017\eR->BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal (07/03/2017\cBR>>BR></td><td>N - Unlikely</td><td>Alternative aetiology confirmed on necropsy.</td></td></br:<></bi 	IR> <b i<="" td=""><td>Death</td><td>No Data</td><td>Suppered adverse mexition: On 7 March 2017 a litter of 5 puppies were vaccinated using Nobiaco DHPPR and LA. On 8 March 2017 the owner reported that not pupply had died overnight. The body has been sent for post-montern. Await results. Modified incorrect data on 18th March 2017. The products used were Nobiace Pano-C and Nobiace LA. Awaiting post-mortem report. Follow up 20th March 2017. Post mortem report revealed the presence of a food bolus in the traches. The cause of death was due to suphysiation. No more information expected. [Reason for use for product: Genefic: CAMINE PARVIOL 19 and USBURNE ADMOVED. CEDIOLS 195 Resson Vaccination Genefic: LEPTO*QIFCT.CAM,GRIPP.BRATT KB. Brand: NOBINAC LA 10XLDS-541. Reason: Vaccination] [State of health. Good!</td><td>Boxer (German Boxer)</td><td>Not Known</td><td>Nobivac L4 - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal 07/03/2017 07/03/2017\eR->BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal (07/03/2017\cBR>>BR></td><td>N - Unlikely</td><td>Alternative aetiology confirmed on necropsy.</td>	Death	No Data	Suppered adverse mexition: On 7 March 2017 a litter of 5 puppies were vaccinated using Nobiaco DHPPR and LA. On 8 March 2017 the owner reported that not pupply had died overnight. The body has been sent for post-montern. Await results. Modified incorrect data on 18th March 2017. The products used were Nobiace Pano-C and Nobiace LA. Awaiting post-mortem report. Follow up 20th March 2017. Post mortem report revealed the presence of a food bolus in the traches. The cause of death was due to suphysiation. No more information expected. [Reason for use for product: Genefic: CAMINE PARVIOL 19 and USBURNE ADMOVED. CEDIOLS 195 Resson Vaccination Genefic: LEPTO*QIFCT.CAM,GRIPP.BRATT KB. Brand: NOBINAC LA 10XLDS-541. Reason: Vaccination] [State of health. Good!	Boxer (German Boxer)	Not Known	Nobivac L4 - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal 07/03/2017 07/03/2017\eR->BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Animal (07/03/2017\cBR>>BR>	N - Unlikely	Alternative aetiology confirmed on necropsy.

NORIVAC 14	IRL-MERCKMSD-2017-IE-00143	Ireland	Animal	Canina/dag	4 Month(s)	10/03/2017	11/03/2017	-1 -1	0 11/02/2	017 Yes, <	B Dullness,Collapse (see also 'Cardio-	Othor	Suspected Adverse Reation: 10 Mar dog presented for second vaccination. No abnormality on clinical	Irish Red and	Not	Nobivac DHPPi - 1,N/A,N/A ,10,1 ml	B - Possible	
		neanu	Aumai	Camileydog	4 Monthlys)	10/03/2017	11/03/2017		0 11/03/2	R> No		Other	exam. Within 24 hours of vaccination with Noblacc DPPPI and Noblacc L1 the dog is collapsed and dull today. The reaccination interval was 2 weeks instead of a week for Noblack LEAT-ables lues.) The dog required hospitalisation and intravenous fluids. Further information expected. Follow up: 13 Mar 2021 The dog was treated with intravenous fluids and deaderstoon and recovered. No more information expected. [Reason for use for product: Generic: DPPPI LV Brand: NOBIVAC DIPPPI 100.IDS 195 Reason: Vaccination Generic: EETPO IEEE/CLANK,GRIPP,BRAT) XB Brand: NOBIVAC L4 10XLIDS 541 Reason: Vaccination] (State of health: Good)	White Setter	Known	(10/03/2017)-BR> Nobivac L4, suspension for injection for dogs- 1,N/A,N/A,10,1 ml (10/03/2017- 10/03/2017)-BR> 	B - Fussible	
NOBIVAC L4	IRL-MERCKMSD-2017-1E-00208	Ireland	Animal	Canine/dog	3 Year(s)	15/04/2017	11/07/2017	1 1	0 28/04/2		Aggression,Shaking,Dilated s pupils,Twiching,Seiture NOS,Leucocytosis	No Data	Siapected adverse reaction: On 15 April 2017 a mile entire lack Bussell Terrier received the first of its primary course of vicines using Nobiose DMPR and 14. On Sep April 2017 the dog persented to another veterinary practice fully conscious, with dilated pupils, aggressive and twitching. The attending vet quiented Rabies, followith ceiplery, ingention of recreational narroctics as possible causes of clinical signs. A blood sample revealed an inflammatory process. Treatment with steroids, intravenous fluids and sedation began. The dog responded well to treatment. Follow up 3.11 May 2017. The dog has selutives on the 20th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has begun, await further details. Follow up 131 km ellibod reports from the 20th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has begun, await further details. Follow up 131 km ellibod reports from the 20th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has begun. Await further details. Follow up 131 km ellibod reports of the 20th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has been done of the 30th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has been done of the 30th and 30th May, Bloods have been taken. Treatment for idiopathic epilepsy has been done of the 30th and 30th May, Bloods have been taken. The 30th and 30th May, Bloods have been taken. The 30th and 30th May, Bloods have been taken. The 30th and 30th All 10th All		Not Known	Noblac DHPP - J.N/A,N/A, 24,1 Val/Ampoule(s) amint [J.50/4,2011 15/04/2017-6RRB-Noblac L4, supension for injection for dags - J.N/A,N/A, 24,1 Val/Ampoule(s) 1 Amint [J.50/4,2017-6RGRP- 15/04/2017)-6RGRP-	O1 - Inconclusive	Insufficient information exists to stablish beyond reasonable doubt with there is an alternative explanation to the adverse event that is not related to the VMPs. For example, leakoryotis could be due to inflammation, and swelling inflammation can persist for up to 14 days post-uccination. Talking this into account, a product association cannot be discounted to other factors prevent a conclusion being drawn. Consequently, causality OJ (inconclusive) is considered appropriate.
	IRI-MERCKMSD-2017-IE-00242	Ireland	Animal	Canine/dog	3 Year(s)	20/05/2017	31/05/2017	1 1	0 26/05/2	795, Yes		No Data	Supect adverse reaction: A 3 year old female Chihanhau dog received it's second Nobinoc Ld and DPIPP vaccines on the 20th May 2017. On the 26th May the dog presented dullermeparture 39.9 C, inapperant, had difficulty urinating and the urine was dark. On the 30th May the vet performed blood smears and suspected immune-mediated hemolytic ansention. On 31st May a languagem snap sets we negative. Dog is improving, Await further details. Follow up 2nd June: Vet did not keep any of the original blood sample to send for Combine set to a secretain the presence of autorimum disease. No more information expected. [Reason for use for product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] YE BRATE NOBINAC LAUDIDS 541 Resson's Vaccination Generic: DHPPI LV Brand: NOBIVAC OHPPI IDXIDS 135 Reason: Vaccination [State of health: Good]		3	Nobivac DHPPI - 1,N/A,N/A, 24,1 Via/Ampoule(s) 1 Amimal 20/05/2017- 20/05/2017-8R>-Nobivac L4 - N/A,N/A,N/A,N/A (20/05/2017- 20/05/2017)-8R>- 	O1 - Inconclusive	
NOBIVAC L4	IRL-MERCKMSD-2017-IE-00246	Ireland	Animal	Canine/dog	8.5 Year(s)	31/05/2017	02/06/2017	1 1	0 31/05/2	017 Yes, R>BR>Ye		No Data	Singect a diverse reaction: A 8 gam on the 31st May 2017 a male Tibetan terrier received its annual bootser succinations using Robbies 4 and Robbies KE. The owner brought the dop for walk later that evenine, Upon return the dog became lethangic. The owner brought the dog to the vet and on a significant to the significant of the significant		r Not Known	Nobivar KC - 1.N/AN/A, 2.4 1 Vail/Ampoule(s) 1 Animal (31/05/2017- 31/05/2017)+BR>~BR>Nobivac L4 - 1.N/AN/A, 2.4, 1 Vail/Ampoule(s) 1 Animal (31/05/2017- 31/05/2017)+BR>~BR>	B - Possible	
	IRL-MERCKMSD-2017-IE-00305	Ireland		Canine/dog		19/01/2017	24/08/2017	1 1		795, 	s	No Data	Suspect Lack of expected efficacy. On 19th January 2017 a male colle crossiver dog was vaccinated using Nobine DIPP and La. On 25th July the dog Pecame of Iron, dehydrated and had harmornized distribens. Body temperature was normal. The patient was treated using intravenous fluids, Buccopan and Synulox. Blood and faces: have been submitted to a blandaryot to lederly the cause of distribens. Await further report. Follow up 24th August: Dog recovered 28th July, Blood sample showed high level of antibodies against Canine Patro Visus, Canine Aderovisus and Canine Distrement virus. Facel sampler was not submitted to N more information expected. [Reason for use for product: Generic: DHPPI LV Brand nt OBBING DHPP IOLDS 195 Season: Vaccination Generic: LEPTO*4D(CT,DA,GRIPP,BRAT) KB Brand: NOBING LA 10XIDS 541 Resson: Vaccination [State of health: Good]	I e	Not Known	Vial/Ampoule(s) 1 Animal (19/01/2017- 19/01/2017/9ER>-BR>-Nobivac L4, suspension for injection for dogs - 1.N/A,N/A, 2.4, Vial/Ampoule(s) 1 Animal (19/01/2017- 19/01/2017)	N - Unlikely	Danfhoes is a possible clinical sign associated with leptopropios, however, analysis of blood sample showed high level of antibodies against canine panovinus, canine denovinus and canine denovinus. Therefore, the observed lack of expected efficacy is believed to be more likely virieted to a lack of efficacy of the concomitantly administered vaccine.
NOBIVAC L4	IRL-MERCKMSD-2017-IE-00318	Ireland	Animal	Canine/dog	5 Year(s)	03/02/2017	23/08/2017	1 1	0 10/08/2	017 Yes, R> ∧BR>∧BR	B Death, Lack of efficacy	Unauthori sed dosage - administr ation not frequent enough	Siapected also of expected efficacy: On 10 Aug 2017, animal developed a swollen nasal planum with little scaba and some bedening. There was a bloody discharge from both nostfix, Animal was treated with steroids and Synulox injection. Anti-inflammatories were prescribed the following day to reduce nasal swelling. Animal wometed over weekend. On 14 Aug 2017 animals blood profile suggested as user renaf failure (elevated Urea, creatinine and Ca) with an elevated white cell count. Leptospirosis or another liness was suspected but not proven. Further information to follow. PLOVI UP 23 Aug 2017. Animal developed jaundice, haemorrhagic diarnhoea and field on 22 Aug 2017, within 24 hours after developing these signs. PLOLOW UP 07 SF 2017 MTA ITER's for L. cankols, icterohaemorrhagical and proportyphosa were low at 1/30. Titres for L. battiskina were zero. Titres are not consistent with recent infection. Nome information to expected. (Reason for use for product; Generic: DHPP I L. Branch NDBNAC DHPP I DOLDS 155 Reason: Prevention of distemper, Pepalitis, parvo and PI Unifections. Generic: EETP 14/LFC.CAR. philippe BARTI XIB Branch: NDBNAC L4 L0XLDS 541 Reason: Prevention of leptospirosis). [State of health: Good]	Labrador Retriever	Not Known	Noblac OHPPI - 2.N/A,N/A, 1,0,2 ml 1. Arimal (63),702,017 - 103,702,7017-618-×688-×6049c L 4 - 2,N/A/A, 1,0 2 ml 1. Arimal (03),702,7017-63,702,7017-63,702,7017-638->688->688->688->688->688->688->688-	N - Unlikely	
NOBIVAC L4	IRL-MERCKMSD-2017-IE-00328	Ireland	Animal	Canine/dog	9 - 9 Week(s)	18/08/2017	29/08/2017	7 7	0 20/08/2	717 Yes, Yes		No Data	Suspect Adverse Reaction: 18 Aug 2017 18 week of pupples vaccinated with Nobixac DIMPI and Nobixac LA Carlo Laboratory and Properties of the State of Reacting Carlo Laboratory and Nobixac LA Winding Laboratory and Properties Causting a plantar stance. The bitch had milk lever prior to whelping and the pupples are on a show dog pupple let. The adequate of the calcium phosphous ratio in the diet is unknown. One pupply has been treated with calcium and visitant Da and has improved. Fruther furniformation expected. Floribour put 11 \$90.217 Batch humbers added to products. Further Information expected. Floribour put 11 \$90.217 Batch humbers added to products. Further Information expected. Floribour put 11 \$90.217 Batch humbers added to products. Further Information expected. Floribour put 11 \$90.217 Batch humbers. Batch Mobile Add Patrick Deliver Date of Patrick	У	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Not applicable 1 Animal 18/08/2017-18R><8R>Nobivac L4 - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (18/08/2017- 18/08/2017)<8R><8R>	O - Unclassifiable/unassessa ble	Reaction is unexpected and signs not typical of a reaction following vaccination however further info awaited.

NOBIVAC L4 IRL-1	MERCXMSO-2017-IE-00344	Ireland	Animal	Canine/dog	3 - 4 Month(s)	28/08/2017	09/11/2017	1	1			finding,Encephalitis,Meningitis,Hep	Other	Saspect Lack of Expected Efficacy/Suspect Adverse Reaction: 09 Aug 2017 dog vaccinated with Nobiac Lat And Nobiac Lat And Nobiac K.C. Also treated with Milpo and Advocate. 28 Aug 2017 dog vaccinated with Nobiac DHPPI, Nobiac Lat And Nobiac K.C. Also treated with Milpo and Advocate. 28 Aug 2017 dog vaccinated with Nobiac DHPPI and And Nobiac Lat 11 days late on 8 Sep 2017 the dog was lethyrated 11 Sep 2017 the day sus pryexic (40 degrees Celsius). Meningitis was suspected by the vet Ibased on the high temperature). The dog has been treated with Hilds, antiblocit, and streets, 13 Sep 2017 he dog was explained. Place of the Nobiac Nobiac Place and Nobiac Lat 12 days and the property of the Vet Place of Sep 2017 he became weaker. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was exclusionated. Further information expected. Follow up: 27 Sep 2017 his dog was such as a following the company of the Veter information expected. Following versus f	Boxer)	Not Known	Advocate 100 mg + 25 mg spot-on solution for medium dogs - 100 Mg + 25 mg spot-on solution for medium dogs - 100 Mg + 25 mg +	O1 - inconclusive	
														lethangs. I 15ep 2017 the dog was pyrexis (40 degrees Celsius), Meningits was suspected by the vet (based on the high temperature). The dop has been treated with fluids, antibiotics and steroids. 13e 2017 he was brighter. 15 Sep 2017 he became weaker. Further information expected. Follow up: 17 Sep 2017 The dog was cuthanased: Further information expected. Follow up: 27 Sep 2017 Initial post mortem report bows a diffuse pallor to the liver (query hepstopathy versus auther encrosis). Grossly, and mortem report bows a diffuse pallor to the liver (query hepstopathy versus auther encrosis). Grossly, and we have the control of	P				
NOBIVAC L4 IRL-9	-мегскихо-2017-іе-00362	Ireland	Animal	Canine/dog	1 - 1 Year(s)	29/09/2017	12/10/2017	1	1 0	29/09/2017	Yes, < R×BR> Yes		No Data	Saspect Adverse Reaction: On 25 Sep, the dog was vaccinated with Noblava CHFPI and Noblava L.H. No other products administent. The dog had previously been trasted for conjunctivitis. The dog became unwell/fethangic the day of vaccination. She was previous and haematology showed neutropaenia and anaemia. She was treated with intravenous fluids and has started to recover. Ambling further results follow up. 13 Oct 2017 the dog haematology is improving – neutropaenia and anaemia is resolving after treatment with suggesting, colosione and intravenous hulds. The dog is been considered in the days worth of antibiotics. Further information expected. Follow up 16 Oct 2017 the dog also vomitted in the days after vaccination. Further information expected. Follow up 16 Oct 2017 the dog also vomitted in the days after vaccination. Further information expected. Follow up 16 Oct 2017 the dog also volume to the start of t		Not Known	Nobiwa: OHPRP - J.N/A.J/A, 1,1 ml Not applicable 1-Animal [23/08/2017- 29/09/2017-18R-R-BR-Nobiwa: L4, suspension for injection for dogs - 1,1/A/A/A, 10,1 ml Not applicable 1 Animal (29/09/2017-28/R-BR-	B - Possible	
NOBIVAC L4 IRL-P	MERCKMSD-2017-IE-00429	Ireland	Animal	Canine/dog	6 - 6 Week(s)	30/11/2017	18/12/2017	10	2 1	01/12/2017	Yes, < R> Yes	Seizure NOS,Ataxia, Death by euthanasia, Abnormal test result, Tremor	No Data	Saspect Adverse Reaction: 30 Nov 2017 littler of 10 pupples vaccinated with Nobiavac DHPP and No. Nobiac L4.01 De 2017 2 pupples persented with neurological signs -seizure, remorns and ataxis. On Bez 2017 one pap was euthanased. The other pupple is on treatment with steroids and antibiotics. Pupples appeared healthy at the time of vaccination. This is the bitches 4th little of pupples, afferent size used for each littler. No problems reported in previous littlers. Awaiting diagnostics, including post montern of euthanased puppy. Follow viz 18/12/17 Faccial analysis—sugnification: Toocars canding egg present Zinc sulphate floatation: Giardia sp., ortic present, isospora sp oocysts present Awaiting Pt results from euthansed puppy. Follows of for use for product. Centric. DPPI 10 Varian. NOBINAC 61 10000551 Reason: Vaccination Giate of health: Unincown)		Not Known	Nobivac DHPPI - 1,N/A,N/A_10,1 ml 1 Animal (30/11/2017 - 30/11/2017\c8R>\c8R>\nobivac L4 - 1,N/A,N/A,10,2 ml 1 Animal (30/11/2017\c8R>\c8R>\c8R>\c8R>\c8R>\c8R>\c8R>\c8R>	Q - Unclassifiable/unassessa ble	Further info. awaited.
	-MERCKMSD-2017-IE-00431	Ireland	Animal	Canine/dog		05/12/2017		1			R×BR×BR>Yes	Rectal bleeding.Sudden death,Multiple organ haemorrhage,Abnormal necropsy finding	No Data	Supperted adverse reaction: A. 7-year old female blandor was referred for treatment relating to a granuloma over the eye a few weeks ago and recovered following antibiotics and steroids. She was vaccinated with Nobbac DHPPI and Ld on 5 Dec 2017. A few hours later owner noticed a small amoun of Blood around the anus and the dog then died overnight. Body to be sent for post mortem. Follow up: 20 Dec 2017 Results from post mortem as follows: Pellinaring Hindings: Whole body - multifocal severe haemorrhage. Comment: These haemorrhages may have been the result of a coagulopathy. Tissues samples and gastrointestinal contents were frozen for the potential toxological examination Results of histopathological examinations to follow. (Reason for use for product: Generic: DIPPI LV STRIAM NOBNIAC DIPPI SOURD SST Season: To protect against virul disease deneric: LEPTO*QICT_CAN_GRIPP_BRATY_ISB Brand: NOBIVAC L4 SOXIDS 541. Reason: To protect against testosoriosis (I SIASOR + Peakth, 2001).	Labrador Retriever at		Nobivac DHPRI - 1,N/A/N/A, 10, once (05/12/2017) CBR>-CBR>-Nobivac L4, suspension for injection for digs-1,N/A/M/A, 10, once (05/12/2017) CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-CBR>-	O - Unclassifiable/unassessa ble	
	MERCKMSD-2017-IE-00448	Ireland	Animal	Canine/dog		14/12/2017		8			Yes, Yes	swelling.Pyrexia,Lethargy (see also Central nervous system depression in 'Neurological'),Injection site pain		Suspected adverse reaction 1.2 the LT Vet vaccinated 8 pupples from the same litter. One pup represented the following day 15 be 1.2 Very letharige, found and with severe very large swelling from between the scapula around shoulders and down leps. Temp 3.9 S. swelling seemed to improve but move to brietic area but seemed holigher and happler. Availing follow up on response to symptomatic treatment Follow up 22 DEC 2017 Dog presented for check up on 21 DEC 2017 he still ha a large swelling over left shoulder. On 22 DEC the swelling was surgical larned, a drain placed and dog will continue treatment on antibiotics. Swelling according to vet was filled with pursulent material. Further update due in Jan (Reason for use for product: Generic DIMPP LV Brand: NOBIVAC DIMPP SOXIDS 55M Sessor Vaccination Generic: EPPTO*\floor\floo	Dogo Argentino	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Not applicable 1.n/imai (14/12/2017: 14/12/2017: 94.72/2		
NOBIVAC L4 IRL-F	-MERCKMSD-2017-IE-00453	Ireland	Animal	Canine/dog	16 Week(s)	09/12/2017	20/12/2017	1	1 0	18/12/2017	Yes, < R> Yes	Lack of efficacy (parvovirus)	No Data	Suspected list of expected efficacy. Vaccinated on 9 Dec 2017 with Noblwac DHPR and LR. Pige would have been 11 weeks of age at this visit. Lot 18 Dec pup started with ventiling and diarrhoea. On 20 Dec the pup was collapsed and diarrhoea became hemornhagic and up tested positive on pans on sage test. Pug is currently hospitalised on intravenous fluids, antibiotics and supportive care. Follow up 22 Dec 2017. Pug is still hospitalised on intravenous fluids, antibiotics and supportive care. Follow up 22 Dec 2017. Pug is still hospitalised on intravenous fluids, antibiotics and supportive care. Follow up 22 Dec 2017. Pug is still hospitalised on intravenous fluids, antibiotics and supportive care. For product: Generic: DEPP LV BERNATION CONTINUES TO CONTINUES OF STATE O	d Lhasa Apso	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (09/12/2017)-BR>-BR>-Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (09/12/2017- 09/12/2017)-BR>-BR>	N - Unlikely	

NOBIVAC L4	IRL-MERCKMSD-2018-IE-00026	Ireland	Animal	Canine/dog	11 Week(s)	20/01/2018	01/02/2018	1 1	0 20/01/20	18 Not Known,
BR> Not Known</br 	NOS,Tembling,Twitching,Epileptic flt,Anal sac disorder,Shaking	Not Known	Suspected adverse reaction: 11 week old pup presented for vaccination on 20 Jan 18. Clinical examination all normal except history of litching sian. Nobsvoc LMPHP and Nobsvec LA administered. No other products administered. Vomited within minutes of vaccination when in car park. Re seen by vert on Sunday 21 Jan 2018 still bright and earling but had continued wornting. Fern pormal 38.5. Treated with Colvasone and betamox (a natibiotic injections). Monday 22 Jan 2018 presented again. Shalking on back lega and uncomfortable when sitting down. Anal glands full and inferted, empted and treated with Colvasone and betamox again. Tues 23 Jan 2018. Shaking progressed now shaking/trembling all over, possibly fit not responding to owner when calling. Blood glacose normal. Temp 38.0 Diazepam and antibiotic given. Admitted to clinic and placed on fluids. Still twintings but improved during the day is bright and earling. Further update sepreted. Follow up 11 Feb 2018. Pup had spent 4 days in clinic on IV fluids and medication as above no change until 26 Jan when trembling begs to subside. Went home for weekend. Pup was researen on Monday 29 Jan much improved over the weekend. 100% no further trembling noted. Back to his usual self, putting on weight. Final update expected next week. [Reason for use for product: Genetic: EUETP14(FLCARA/BRIPBRATI NB IRD REASON: Vascination Genetic: Cubsvas Brand: Chalasone Reason: Administrations for service: Bertamo: Brand: NDBINAC LEDHP3 DSIOLD 51 Reason: Vascination Genetic: Cubsvas Brand: Chalasone Reason: Administrations (Flater).	E 5	Known	Nobiwac DHPPI - J.N/AJA/J. 0.1 ml Not applicable 1- Animal [20/01/2018- 20/01/2018]+GR-BR-Nobiwac L4, suspension for injection for dogs - J.N/A/JA/J. 0.1 ml Not applicable 1 Animal (20/01/2018- 20/01/2018)-BR>-BR>	B - Possible	
NOBIVAC L4		Ireland	Animal		6 Month(s)		05/02/2018	1 1	1 27/01/26	Known, -GR >-GRGR>- Not Known	th by euthanasia,Pain NOS,Generalised weakness	Not Known	Saspected adverse reaction: A 6 month old pup presented for 2nd vaccination on 30 Jan 2018. Clinical examination normal at time of vaccination, no other products administered part from Mobiuse DIPP and L4. Owner reported a bit sore after vaccination. Next day developed diarrhore and vomitting. 2 days later 1 Feb was seen and given antibiotics. On 2nd Feb was admitted to Clinic on 1V fluids, antibiotics and womer given. Awaiting full details of clinical history and treatment given. Pup decline over the weekend and ownerse elected for extensias. Further information received Follow up information received. vaccination complete on 27 Jan 2018 not 30 Jan as previously stated. When the pup was seen on 27 Feb she was given antibiotics but also stored and womers. The pup was readmitted later that day given IP fluids initially as veins very collapse, later placed on 1V fluids. 3rd fe'eb a little ingroved but still powinting. That afternoon went downwill now womthing and barries and on 5 Feb Owners elected for extensias, no PM completed. No further information expected. [Reason for use for product: Generic. DHPP II. Vis Brandt NOBINVC. BINDS 155 Research. Vaccination Generic. IEEP ONLE (TAXIORAP) PARA ITS later AND ORIVING PARA ITS later. NOBINVC AND Fara AND PARA ITS later AND ORIVING PARA ITS later. NOBINVC AND Fara AND PARA ITS later AND ORIVING PARA ITS later. NOBINVC AND Fara AND PARA ITS later AND ORIVING PARA ITS later AND ORIVING PARA ITS later. NOBINVC AND Fara AND PARA ITS later and the part of health: Unknown womer Reason: Treatment Generic: Brand Unknown	Bichon Frise	Not Known	Nobiwa ChiPPP - J.N/AJ/A/, 0.1 ml Not applicable 1- Animal [27/01/2018- 27/01/2018-87-BR-NBR-Nobiwac L4, supension for Injection for dogs - J.N/A/A/, 1.0 ml Not applicable 1 Animal [27/01/2018- 27/01/2018-BRBR-	O - Unclassifia ble/unassessa ble	insufficient information available to determine causality.
NOBIVAC L4	IRL-MERCKMSD-2018-IE-00053	Ireland	Animal	Canine/dog	7 Year(s)	18/01/2018	07/02/2018	1 1	1 29/01/20	18 Not Known,
 OR Not Known</br 	Lethargy (see also Central nervous system depression in 'Neurologica'], Malaise, Weight loss, Non-regenerative anaemia, Death by euthanasia, Lymphadenopathy, Lym phocytosis	Not Known	Saspect adverse reaction: A Dog was presented for an annual booster. The dog appeared healthy at time of vaccination, No other medication given at the same time. After vaccination presented unwell, eithargic and loosing weight. Blood results taken, on 29 Jan 2018 showing massive lymphocytosis, midl non regenerative annealse. Pathologist suggested results were suggested or an acute Lymphol elukaemia or stage V Lymphoma. The dog presented on 7th of Feb very unwell and now with generalized hymphodenopathy. Euthanais was elected without further diagnostics or treatment. Post mortem was declined. No further information expected. [Reason for use for product: Generic INPP US mand. NDBMV.CLPPPI SOXIDIS 518 Reason Vaccination]. Generic: LEPPF QICTLOSA, GRIPP, BRAT, 188 Brand: NDBIVAC L4 SOXIDS 541 Reason. Vaccination].	Golden Retriever	Not Known	NobivaC DHPPI - 1,N/AN/A,10,1 ml Not applicable 1 Animal (18/01/2018- 18/01/2018-BR-SBR-Nobivac L4 - 1,N/AN/A, 10,1 ml Not applicable 1 Animal (18/01/2018- 18/01/2018)	O1 - Inconclusive	
	IRL-MERCKMSD-2018-IE-00054	Ireland		Canine/dog		06/02/2018 29/12/2016	08/02/2018	1 1	0 07/02/20	Known,
 Not Known</br 	Bradycardia, Diarrhoea, Jethargy (see also Central nervous system depression in 'Neurological'), Hypoglycaemia	Not Known	Suspected adverse reaction: Pup was vaccinated on 6th of Feb with Nobiac Dhipal and 14. Clinical examination all normal at time of vaccination. Presented at Sam the following moming 5 hours after vaccination. Very lethargic with a slow heart rate. Blood glucose low at 2.5 mmol/LGlucose solution gleen orally and steroid (Colssanoe) gleen and perfect up. Late on the 7th of Feb with distribuse treated with symptomatic treatment (Peptosil). Further update expected. [Reason for use for product: Generic: DHPPI LY Brand NOBIAVAC DHPPI SOLIDS 1957 BOSION SEGEONI Vaccination Generic: LEPTO-41CT_CAMER/BART) ISS mark NOBIAVAC LEVEN SOLIDS 514 Reason: Vaccination Generic: Brand: Colvasione injection. Resson: Shock Generic: Brand: Oral glucose solution Resson: thropothecamical State of health: Uniforward	Chihuahua	Not Known	Nobivac DHPPI - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (06/02/2018- 06/02/2018-BR>-BR>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (06/02/2018- 06/02/2018)-BRP-GRP Eurican DHPPI lyophilisate for	O - Unclassifiable/unassessa ble O1 - Inconclusive	Insufficient information currently available to determine causality.
NOBIVAL L4	HRT-USMERIAE-1/HE000001	Ireland	Animal	Canine/dog	8 Week(s)	29/12/2016	10/01/2017	1 1	1 \$1/12/2	Lo NO, CBR>CBR	Secure NUS, Death, nappetence	onauthon sed dosage - dose too low	Suspected adverse reaction, extra label use: As reported by the attending veterinary surgeon, Rilley, as week old intact male Chihauhua was excinated with Eurikan D199P (14369272 JAMA 2018) and Nobbac L6 (batch number A053010 expir ydate 28 Jan 2019) by subcutaneous injection to the back of the neck, administrated by the veterinary surgeon on 20 DCC 2016. The vet decided to give only half of the cornect dose of the Nobbac L4 vaccine due to the fact that the pup was 0.5 kg in weight. As only a half dose was administrated to the poli, bit is a nextra label lew. Two days after administration the animal experienced inappetance and seturus (31 January). The pup was 0.5 kg in weight. As only a half dose was administration the animal experienced inappetance and seturus (31 January). The pup was born by Caesarean section along with it so on liter mate which was unummified and doll not survive. On 2 January the pup had another seture. The reaction was not treated and the animal died on 20 Jan 2017, 4 days after product administration. The word eclicined sport normer. No more formation is expected. Case was reported to 1919, 2017–20000() was public flexion for each of product. Generic: Band Liction. LEPTO 4017, CAMO, GRIPP, BRAT) kB Branch. YMBWAC L4 100105 541 Resion: Vaccination) [State of halfs: Cron01.	Chihuahua	0.5	Eurican Univer lyopinisation - 5,N/A,N/A 240.5 dosage from (29/12/2016- 25/12/2016-8-8-8-hosbives Let 5,N/A,N/A, 24.0.5 dosage form (29/12/2016-29/12/2016-8-8-8-8-	U1 - inconclusive	Insurfacent information available to definitively defermine causified. A product association cannot be ruled out based on the information available.
NOBIVAC L4	IT-ITDGSVA11-IT-2014-113	Italy	Animal	Canine/dog	3 Year(s)	01/04/2014	28/05/2014	1 1	01/04/20	14 Not Known, BR> >BR> Not Known	Oedematous erythema, Pruritic ras	h Not Known	Agril 1, 2011 the dog has been vaccinated with Nobbac Ceppi and Novika L4. One hour after administration the animal showed princin cash and oceanizous eythems. The vet administred prednisione 1 mg/kg (im) and the dog has recovered after three hours.	Bulldog	12	NOBIVAC CEPPI - 1,1,N/A,10,One dose once (1 Day(s) 01/04/2014- 01/04/2014>BR> Nobivac L4 SUSPENSION FOR INJECTION - 1,1,N/A,10,One dose once (1 Day(s) 01/04/2014-01/04/2014) 	B - Possible	There is a strict causal relationship between reaction and drug (possible hypersensitivity reaction), but is difficult distinguish the product responsible.
NOBIVAC L4	IT-ITDGSVA11-IT-2014-235	Italy	Animal	Canine/dog	20 Month(s)	29/05/2014	04/08/2014	1 1	29/05/20	14 Not Known	Shock,Vomiting,Angioedema	Not Known	15 minutes after the firts vaccination the dog showed shock, angioedema and vomiting. The animal recovered after 3 hours with fluidtherapy, cortisone and oxygen.	Bulldog	10	Nobivac L4 - N/A,N/A,N/A ,N/A,N/A (29/05/2014-N/A) 	B - Possible	Onset to sign is 15 minutes.The observed reaction may be related to the vaccination
NOBIVAC L4	IT-ITDGSVA11-IT-2014-343	Italy	Animal	Canine/dog		14/10/2014	30/12/2014	1 1	14/10/20	Known,
 Not Known</br 	Vomiting.Hypothermia,Depression	Not Known	5 minutes after the vaccination the dog showed vomiting, hypothermia and depression. The animal was successfully treated with desamethasone (40 mg I//M) and recovered in 1 hour.	Dachshund (Standard) Smooth- haired	7	NOBIVAC CEPPI - N/A,N/A,N/A ,N/A,1 Dose Once (14/10/2014- 14/10/2014):BR> Nobivac L4 - N/A,N/A,N/A,N/A,1 Dose Once (14/10/2014-14/10/2014):BR> 	B - Possible	Temporal association with the vaccination. Possible hypersensitivity reaction, even if two product were admnistered.
NOBIVAC L4	IT-ITDGSVA11-IT-2016-123	Italy	Animal	Canine/dog	2 Year(s)	12/04/2016	02/05/2016	1 1	12/04/20	16 Not Known, BR> <rown known<="" not="" td=""><td>Hypersalivation,Vomiting,Myoclon c jerk,Tremor</td><td>i Not Known</td><td>On 12 and 2016 the veterinarian vaccinated the dog with Nobloac CEPP diluted in Nobloac L4 and tested with Guardins S. Smitused after the admisstration of the products, the dog showed trenen, hypersalivation, vomiting and myoclonic jerks. The veterinarian administered an Desadreson (0.5 ml) and Rankfelm 3 mg/Rgi by subcucaneous way with succes. The arimal recovered after 10 minutes. Th previous years the veterinarian vaccinated the dog with the same vaccines without any problem.</td><td>Cavalier King Charles Spaniel</td><td>12</td><td>GUARDIAN - N/A,N/A,N/A,N/A,N/A,N/A (12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-18R>-Mobivac L4 - N/A,N/A,N/A,N/A,1 Dose (12/04/2016-12/04/2016)</td><td>A - Probable</td><td>Close association in time, probable hypersensitivity reaction. Three products administered.</td></rown>	Hypersalivation,Vomiting,Myoclon c jerk,Tremor	i Not Known	On 12 and 2016 the veterinarian vaccinated the dog with Nobloac CEPP diluted in Nobloac L4 and tested with Guardins S. Smitused after the admisstration of the products, the dog showed trenen, hypersalivation, vomiting and myoclonic jerks. The veterinarian administered an Desadreson (0.5 ml) and Rankfelm 3 mg/Rgi by subcucaneous way with succes. The arimal recovered after 10 minutes. Th previous years the veterinarian vaccinated the dog with the same vaccines without any problem.	Cavalier King Charles Spaniel	12	GUARDIAN - N/A,N/A,N/A,N/A,N/A,N/A (12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-) 12/04/2016-18R>-Mobivac L4 - N/A,N/A,N/A,N/A,1 Dose (12/04/2016-12/04/2016)	A - Probable	Close association in time, probable hypersensitivity reaction. Three products administered.

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NOBIVAC L4	IT-ITDGSVA11-IT-2016-208	Italy	Animal	Canine/dog	7 Year(s)	20/06/2016	27/07/2016	1 1	2	21/06/2016	Not Known,
 >Not Known</br 	Leucocytosis, Hepatitis, Icterus, Panc reatitis	: Not Known	On 20 June 2015 the veterinarian vaccinated the dog with Nobloac CEP9 and Nobloac L 4. The day aft the vaccination, the veterinarian suspected gastorenetrist and retreaff it with hypodemenocylos of fillur with Cerenia (marcopitant) and Murbocyl FD (marboloacina), Subsequently the animal was treated with pilebodysis with full (Rigner Istantion)-2 rational fice intelligently and then it was hospitalized. The blood analysis (repeating two times) reveals hepatitis and pancreastitis. The animal is not recovered yet and showed icterus, leucocytosis and liver and pancreas enzymes alteration.	e	7	NOBIVAC CEPPI - NJ.N/A,N/A ,N/A,N/A (20/06/2016- N/A) -NObivac (4 SUSPENSION FOR INJECTION - N/A,N/A,N/A,N/A,N/A (20/06/2016- N/A) 	B - Possible	The performed analysis confirm the diagnosis, even if the observed signs are not specific of a reaction to vaccination, they could be due to intrinsic conditions of the animal and they may be triggered by an abnormal individual immune response in sensitive animals. Therefore two products were administered and it is not possible to distinguish their respective effect.
	IT-ITDGSVA11-IT-2016-227	Italy	Animal	Canine/dog		10/07/2016	19/08/2016	1 1	1 1	10/07/2016	Not Known,
 Not Known</br 	Found dead	Not Known	On 10 July 2016 the dog was vaccinated with Noblwac CEP diluted in Noblwac L4. The day after the animal was found dead. Animal was in good health and it hasn't particular signs for suspecting a fatal event.	Crossbred		NOBIVAC CEP - 1,N/A,N/A,24,1 Dose 1 Animal (09/07/2016- 09/07/2016) Nobivac L4 - 1,N/A,N/A,24,1 Dose 1 Animal (10/07/2016-10/07/2016) 	O2 - Unclassified	Insufficient information for conclusive assessment.
	IT-ITDGSVA11-IT-2016-289	Italy	Animal	Canine/dog	2 Month(s)	07/10/2016	11/10/2016	1 1	C	07/10/2016	Not Known, BR >BR>BR>CBR> Not Known	Diarrhoea, Vomiting, Decreased body temperature, Depression, Tremor	Not Known	About one hours after the vaccination the dog showed vomiting (3 episodes), depression, diarrhoea (1 runb), tremor and decreased bod yremperaturae. About after 4 hours the animal recovered spontaneously without the vet care.	Maltese		NOBIVAC CEPPI - N/A,N/A,N/A N/A,1 dose 1 animal (07/10/2016- 07/10/2016) Nobivac L4 - N/A,N/A,N/A,N/A,1 Dose 1 Animal (07/10/2016-07/10/2016) 	B - Possible	Association in time with the vaccination, two products administered.Possible type hypersensitivity.
NOBIVAC L4	IT-ITDGSVA11-IT-2016-320	Italy	Animal	Canine/dog	2 Year(s)	16/09/2016	27/12/2016	400 1	0 0	04/10/2016	Yes	Scrotal oedema, Ascites, Hypoalbuminaemia , Proteinuria	No Data	Suspected adverse reaction on 15 September 2016, the dog was vaccinated with Nobhou L4. On 4 October 2016, the dog showed an increased advantual size, thus brought to vist and were found ascites and subcutaneous penile and in the testicular region. The sample was a transuster. Blood test revealed a serious hyposibulimeniae (Lorg 4 gil. P.U. CI to performed on universe was seriously altered, revealing sewere proteinuris. No further available investigations. No further information expected, case closed. [Reason for use for product: Ceneric LETO*4(CT,CAN,GRIPPBART) KB Brand: NOBIVAC L4 SOXIDS 543 Reason: Prophylaxis] [State of health: Unknown]	Yorkshire Terrier s	4	NOBIVAC L4 50X1D5 543 - 1,1,N/A ,10,1 ml Not applicable 1 Animal (1 Day(s) 16/09/2016- 16/09/2016)-BR> 	O1 - Inconclusive	No associative connection in time. Insufficient available information to draw a conclusion.
	IT-ITDGSVA11-IT-2016-321	Italy	Animal	Canine/dog	4 Year(s)	30/11/2016	27/12/2016	1 1		30/11/2016	Yes, <br R> >Yes</br 	Restlessness,Abdominal cramp,Vomiting,Uveitis,Unable to jump,Head shake - behavioural disorder	No Data	Sapected adverse reaction: on 30 November 2016 the veterinarian vaccinated the dog with Nobisec CEPPI and Nobisec LE, 2 hours later, the dog showed restlessness, unable to jump, abdominal cramps, vomiting. Subsequently showed head shake and useltis. The veterinarian administered prediscioner and fluid therapy and the dog recovered in 8 hours. No further information expected, case closed. Reason for use for product. Generic: DIPPI I V Branch NOBIVAC CEPP SOURCE SOR Deason: Prophylasis Generic. LEPTO* QLICT_CAN_CRIPP_BRAT NB Branch NOBIVAC L4 SOXLDS 543 Reason: Pspohylasis Class for health! Uniscond.	Bolognese	4	NOBIVAC CEPPI - 1,N/A,N/A , 24,1 dose 1 animal (30/11/2016- 30/11/2016): BR>-RB>-Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A , 24,1 Dose 1 Animal (30/11/2016-N/A)<-BR>>	B - Possible	Association in time with the vaccination, two products administered. Possible type hypersensitivity.
	IT-ITDGSVA11-IT-2016-362	Italy	Animal	Canine/dog	7 Year(s)	26/11/2016	29/12/2016	1 1			Yes, <b R> >BR>Yes</b 	Application site granuloma		Following the vaccines administration, the dog showed the appearance of a 5 - 6 centimeters, pairless not inflamed nodule on the site of inoculum. The reaction han't been treated and has spontaneously recovered.	s, Crossbred		NOBIVAC CEPPI - 1,N/A,N/A, 1,0,N/A (1 Day(s) 26/11/2016- 26/11/2016-\text{BR->BR-Nobivac L4} SUSPENSION FOR INJECTION - 1,N/A,N/A,1,0,N/A (1 Day(s) 26/11/2016-26/11/2016)<\text{BR>>BR>}		There is a likely causal relationship between reaction and drug administration but it is difficult to distinguish the vaccine responsible for the SAR. There is time relationship between reaction and drug administration.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-146	Italy	Animal	Canine/dog	90 Day(s)	20/04/2017	21/04/2017	1 1	2	20/04/2017	Yes, <b R> >BR>Yes</b 	Eyelid oedema,Anal oedema,Lip oedema (see also 'Skin'),Facial oedema	No Data	After about 1 hour administration of the drug, the dog showed lip oedema, eyelid oedema, facial oedema and peri-an oedema man p	Australian Shepherd Dog	7.5	NOBIVAC CEPPI - 1,N/A,N/A, 24,N/A (1 Day(s) 20/04/2017- 20/04/2017/sBR>-sBR>Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A, 24,N/A (1 Day(s) 20/04/2017-20/04/2017) >BR>	B - Possible	Close association in time with the vaccination, probable hypersensitivity reaction. Two products administered.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-157	Italy	Animal	Canine/dog	2.5 Month(s	26/04/2017	09/05/2017	8 8	3 2	28/04/2017	Yes, <b R> Yes</b 	Diarrhoea, Death, Vomiting	No Data	28.04.17.8 dog puppies are vaccinated with the drugs in question (second vaccination at 21 days distance from the first, 29.04.17.1 of them shows vointing and darfane, it is treated with fluid therapy 1A2, cerein and metronidazole; it is resigned, according to the will of the owner, and carried by another veterinarian. It dies on 0.10.21.7, 0 on the same day, the other? puppies show the same symptoms and they are brought to care by another veterinarian. In the period 01.05.17 - 05.05.17, another 2 puppies de and the mother also shows vointling and darfane(a [epishod] and It spontaneously heals. 05.05.17. The owner reports that 1 oppupper, form another breinging with the control of the co	Australian Shepherd Dog	5.2	NOBINAC CEPPI - 1,N/A,N/A,24,N/A (1 Dayls) 26/04/2017- 25/04/2017/SBR~BR>Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A/N/A,24/N/A (1 Dayls) 26/04/2017-26/04/2017) BR>	O1 - Inconclusive	The introduction of a dog puppy, potentially infected and with gastroinestial symptoms, during the immunization period, may have caused the disease in the animals vaccinated with the products. Two products administered.
	IT-ITDGSVA11-IT-2017-163	Italy	Animal	Canine/dog	3 Month(s)	28/04/2017	28/04/2017	1 1		28/04/2017	Yes	Vomiting,Facial oedema,Eye itching,Palpebral oedema	No Data	About 40 minutes later the drug administration, the dog showed vomiting and eye itching, subsequently facial and palpebral edema. The owner reported the dog to the vet clinic and desametazone $(0.3 \text{ mg}/\text{ kg})$ kg IV, rantildine $(2 \text{ mg}/\text{ kg})$ and maropitant $(1 \text{ mg}/\text{ kg})$ wew administered. After about 20 minutes the beginning of the therapy, the signs repressed.	y Crossbred	2.2	Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A ,24,N/A (1 Day(s) 28/04/2017- 28/04/2017) 	A - Probable	Probable anaphylaxis reaction.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-167	Italy	Animal	Canine/dog	4 Month(s)	10/04/2017	05/05/2017	1 1	1	10/04/2017	No, <b R> >BR>Yes</b 	Injection site granuloma	No Data	The vet reported that he had given the Nobivac CK off label on 10.04.2017 (he uses the S.C. Instead of the intransas) route) by mistake, and he mixes this vaccion with the Nobivac LA Are about 5 minutes the dog showed a local granulumations reaction of a ping-pong ball size, reduced spontaneously after about 3 weeks. The dog was checked periodically with clinical visits and laboratory examinations; the dog recovered within 3 weeks.	Other Canine/dog	8.7	Nobivac KC - 1,N/A,N/A,10,N/A (1 Day(s) 10/04/2017- 10/04/2017)-BRS-SBN-Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A,10,N/A (1 Day(s) 10/04/2017-10/04/2017)-BRS-SBN	B - Possible	Strict association in time and injection site; it is not possible, however, to define if SAR is due to a drug, both drugs, to possible pharmaceutical interaction for drug-mixing; 2 products administered and off label use for Nobivac CK Vaccine.
	IT-ITDGSVA11-IT-2017-20	Italy	Animal	Canine/dog	3 Year(s)	01/01/2017	18/05/2017	2 1	0 0	01/01/2017	Yes	Lethargy (see also Central nervous system depression in 'Neurological'),Vomiting		Case received from the Authorities - suspected adverse reaction: After the administration of the drug, the dog showed vomiting and lethargy, no therapy was performed. No further information expected, case closed. (Reason for use for product: Generic: LEPTO*4[ICT,CAN,GRIPP,BRAT] KB Brand: NOBIVAC L4 SCXIDS 543 Reason: Vaccination] (State of health: Unknown)	Crossbred	8	NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (01/01/2017- 01/01/2017)	B - Possible	Associative connection in time, although other explanations cannot be excluded, the contribution of the drug to the SAR is possible.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-233	Italy	Animal	Canine/dog	3 Month(s)	30/05/2017	06/06/2017	1 1	3	30/05/2017	Not Known,
 Not Known</br 	Pain NOS,Fever,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	About thee hours after vaccine administration, the patient showed lethargy, generalised pain and fever. Symptoms spontaneously disappeared within 12 hours.	Boston Terrie	4	NOBIVAC CEPPI - 1,1,N/A,24,N/A (1 Day(s) 30/05/2017- 30/05/2017) Nobivac L4, suspension for injection for dogs- 1,1,N/A,24,N/A (1 Day(s) 30/05/2017-30/05/2017) 	B - Possible	Two drugs administered. Plausible temporal association, absence of other reported alternative explanations.
	IT-ITDGSVA11-IT-2017-38	Italy	Animal	Canine/dog	2 Year(s)	14/02/2017	18/02/2017	1 1	2	16/02/2017	Not Known, <br×br ×BR×BR> Not Known</br×br 	Uveltis,Asthenia	Not Known	The dog showed atthenia and monolateral uvestis (ds) 36 and 48 hours after inoculation of the vaccines, respectively. No information on outcomes available.	French Bulldo	13.4	NOBIVAC CEPPI - 1,1,N/A,24,N/A (14/02/2017- 14/02/2017)-BR>-BR>Nobivac L4 SUSPENSION FOR INJECTION - 1,1,N/A,24,N/A (14/02/2017- 14/02/2017)-BR>-BR>	O1 - Inconclusive	Two products administered. Possible association in time. Monolateral uveltis is not reported in the SPC of the vaccine. Insufficient information to draw conclusions.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-401	Italy	Animal	Canine/dog	3 Month(s)	23/09/2017	25/09/2017	1 1	2	23/09/2017	Not Known, BR >BR>BR>CBR> Not Known	Hypersalivation, Depression, General pain (see other SOCs for specific pain), Inappetence	l Not Known	ABOUT ONE HOUR FOLLOWING THE ADMINISTRATION OF THE TWO VACCINES, THE DOS SHOWED GENERALIZED PAIN, INAPPETENCE, LETHARGY AND HYPERSALIVATION. IT WAS THEN TREATED WITH LOW DOSE DEWAMETHINSONE AND CLOPPENAMINE MALEATE S.C. WITH COMPLETE REMISSION OF THE SYMPTOMS AFTER 30 MINUTES.	Crossbred	Not Known	NOBIVAC CEP - 1,1,N/A,24,N/A (1 Day(s) 23/09/2017- 23/09/2017)-SBR>GBR>Nobivac L4, suspension for injection for dogs- 1,1,N/A,24,N/A (1 Day(s) 23/09/2017-23/09/2017)-SBR>BR>	B - Possible	TWO VACCINES ADMINISTERED. SYMPTOMS MAY BE ATTRIBUTED TO AN ALLERGIC REACTION TO THE VACCINE, ALTHOUGH THE STRESS CONDITION FOLLOWING BRUG ADMINISTRATION CANNOT BE EXCLUDED AS ALTERNATIVE CAUSE.
NOBIVAC L4	IT-ITDGSVA11-IT-2017-441	Italy	Animal	Canine/dog	39 Month(s)	20/10/2017	24/10/2017	1 1	2	21/10/2017	Yes, <b R> >Yes</b 	Swelling around eye,Allergic skin reaction,Urticarial rash	No Data	the dog was vaccinated on 20.10.17; the next day the owner took the dog to visit the vet because it showed eillergic skin reaction, rutradar tonal (swelling) and swelling around eyes. the vet administered desametasione (DOS mg // sq. tv.) and citizinite (pirac) per os 1/2 tablet / day for 3 days. After about 1 hour the drugs administration, the dog recovered.	French Bulldo	10	NOBIVAC CEPPI - 1,N/A,N/A,10,N/A (20/10/2017-N/A) Nobivac L4 - 1,N/A,N/A,10,N/A (20/10/2017- N/A) 	B - Possible	probable hypersensitivity reaction, 2 drugs administered.

NOBIVAC L4	IT-ITDGSVA11-IT-2017-443	Italy	Animal	Canine/dog	7 Year(s)	20/09/2017	29/12/2017	1 1	0 20/09/2	17 Yes, <br≻br≻br>Yei R≻BR≻BR>Yei</br≻br≻br>	3 Sneezing,Reverse sneezing	No Data	Supercted adverse reaction: On 20 September 2017 the dog was brought to visit for vaccine prophylasis with Noblow KC and Noblows LC.1 minute after vaccination with Noblows CK, after one sneezing, the dog started with a reverse sneeze, present daily up to 17th October, on some days more often, on other days less, and then until recovery on 25.10.17. The dog has not been given any pharmacological treatment, only honey and the procedure of nose capping to resolve the reverse treath. No other information expected, case closed. [Reason for use for product: Generic: BB CANINE / PLISE/N Frant / NOBINE / SCSUSS-SXLD SDI. 300. Reason: Prophylaxis Generic: LEPTO*4[CT_CAN_CRIPP_BRAT] KB. Brand: NOBIVAC L4 SOXLDS 543 Reason: Prophylaxis] [State of health: Good!	Miniature Pinscher	5	1.N/A.N/A .24.1 Dose Not applicable 1 Animai (20/09/2017- 20/09/2017-BRS-4BR-NOBIVAC L4 50XLDS 543 - 1.N/A.N/A .24.1 Dose Not applicable 1 Animal (20/09/2017-20/09/2017) 	No assessment performed	
NOBIVAC L4	IT-ITDGSVA11-IT-2017-549	Italy	Animal	Canine/dog	3 Month(s)	19/12/2017	20/12/2017	1 1	19/12/2	17 Not Known, <bf >BR> <br< td=""><td>Periorbital oedema,Allergic oedema,Lip oedema (see also 'Skin'),Allergic pruritus,Vulvar oedema</td><td>Not Known</td><td>ABOUT 2 HOURS AFTER VACCINES ADMINISTRATION THE DOS SHOWED ALLERGIC GEDEMA (ANGIGEDEMA) IN THE PERIOCOULAR, PERILABIAL AND PERIVULVAR AREAS, ASSOCIATED WITH INTENSE PRURITUS. THE DOG WAS TREATED WITH DEXAMETHASONE I.M.; A SECOND ADMINISTRATION OF PARENTERAL CORTICOSTEROIDS WAS MADE S HOURS LATER BECAUSE OF PERSISTENT PRURITUS.</td><td>Crossbred</td><td>2</td><td>NOBIVAC CEP - 1,1,N/A ,10,N/A (1 Day(s) 19/12/2017- 19/12/2017>cBR> Nobivac L4 SUSPENSION FOR INJECTION - 1,1,N/A ,10,N/A (1 Day(s) 19/12/2017-19/12/2017) SR> </td><td>A - Probable</td><td>TWO VACCINES ADMINISTERED. SYMPTOMS MAY BE ATTRIBUTED TO AN ALLERGIC REACTION TO THE VACCINE.</td></br<></bf 	Periorbital oedema,Allergic oedema,Lip oedema (see also 'Skin'),Allergic pruritus,Vulvar oedema	Not Known	ABOUT 2 HOURS AFTER VACCINES ADMINISTRATION THE DOS SHOWED ALLERGIC GEDEMA (ANGIGEDEMA) IN THE PERIOCOULAR, PERILABIAL AND PERIVULVAR AREAS, ASSOCIATED WITH INTENSE PRURITUS. THE DOG WAS TREATED WITH DEXAMETHASONE I.M.; A SECOND ADMINISTRATION OF PARENTERAL CORTICOSTEROIDS WAS MADE S HOURS LATER BECAUSE OF PERSISTENT PRURITUS.	Crossbred	2	NOBIVAC CEP - 1,1,N/A ,10,N/A (1 Day(s) 19/12/2017- 19/12/2017>cBR> Nobivac L4 SUSPENSION FOR INJECTION - 1,1,N/A ,10,N/A (1 Day(s) 19/12/2017-19/12/2017) SR> 	A - Probable	TWO VACCINES ADMINISTERED. SYMPTOMS MAY BE ATTRIBUTED TO AN ALLERGIC REACTION TO THE VACCINE.
	IT-ITDG5VA11-IT-2017-58	Italy	Animal	Canine/dog	3 Month(s)	24/02/2017	06/03/2017	1 1	24/02/2	Known, <bf > ><br Not Known</br </bf 	Application site pain, Crying, Depression	Not Known	Symptoms occurred a couple of hours after inoculation of the vaccines and resolved within 2 hours without any pharmacological treatment.	Miniature Poodle		NOBIVAC CEPPI - 1,1,N/A,24,N/A (24/02/2017- 24/02/2017)	B - Possible	Two products administered. Possible association in time. Symptoms are consistent with vaccine adverse reactions. Given the concomitant administration of two different vaccines, the potential contribution of the single products is not assessable.
NOBIVAC L4	IT-ITDG\$VA11-IT-2017-59	Italy	Animal	Canine/dog	3 Month(s)	01/02/2017	06/03/2017	1 1	01/02/2	17 Yes, BR>< R>BR>Yes		No Data	The dog immediately showed a wheal and pain at the hijection site; after 1 hour, depression, apathy and incorrcible yelping occurred if touched and in case of movements. Onsior was administered and the symptoms have regressed within one hour.	Toy Poodle	1.8	NOBIVAC CEPPI - 1,N/A,N/A ,10,N/A (1 Day(s) 01/02/2017- 01/02/2017) <rnobivac l4<br="">SUSPENSION FOR INJECTION - 1,N/A,N/A ,10,N/A (1 Day(s) 01/02/2017-01/02/2017) </rnobivac>	B - Possible	There is a likely causal relationship between reaction and drug administration but it is difficult to distinguish the vaccine responsible for the SAR. There is time relationship between reaction and drug administration.
	IT-ITDG\$VA11-IT-2017-7	Italy	Animal	Canine/dog	3 Month(s)	14/01/2017	24/01/2017	1 1	14/01/2	17 Yes	Lameness	No Data	A hours after the administration of the vaccine, the dog showed right front limb lameness. Symptoms worsened in the following days, until complete led of support. Orthopsede examination and Performer received thickening of the meduliny areas of the humeral region. Differential diagnosis was perfor hematic osteomyellits and hypertrophic osteopathy. Treatment with Onsior and Synulox since January 15th improved symptoms with pain remission and receivery of the support. Laboratory tests (blochemical analysis, CBC) and urinalysis were within normal ranges.	Australian Shepherd Dog d		Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A, 1,0,N/A (1 Day(s) 14/01/2017- 14/01/2017)-BR> 	O1 - Inconclusive	No connection with the side of iniection. Insufficient available information to draw a conclusion.
	IT-ITDGSVA11-IT-2018-125	Italy	Animal	Canine/dog	4 Year(s)	23/03/2018	09/04/2018	1 1	24/03/2	18 Not Known, <bf > <br Not Known</br </bf 	Red mucosae, Hyperaemic mucosae	e Not Known	TWO VACCINES ADMINISTERED. A 4 YEAR-OLD SERMAND SHEPHED DOG DEVELOPED HYPERAEMIC MULCOSAE WITH REDDENING AND CONGESTED MUCOUS MEMBRANES OF THE EARS ABOUT 24 DAY AFTER VACCINES ADMINISTRATION AND LASTING FOR ABOUT 3 DAYS. THE ADVENSE REACTION WAS TREATED WITH TORIC CONTICOSTEROIDS (CORTAVANCE). OUTCOME UNKNOWN (THE VET REPORTS THAT THE ANIMAL OWNER DID NOT BRING THE DOG TO THE VET AMBULATORY FOR FOLLOW-UP VISITS).	German Shepherd Dog	11	NOBIVAC CEPPI - 1,1,N/A,24,N/A (1 Day(s) 23/03/2018- 23/03/2018)-BR> Nobivac L4 SUSPENSION FOR INJECTION - 1,1,N/A,24,N/A (1 Day(s) 23/03/2018-23/03/2018) 	B - Possible	STRICT TEMPORAL ASSOCIATION, POSSIBLE HYPERSENSITIVITY REACTION, TWO DRUGS ADMINISTERED, INSUFFICIENT INFORMATION TO DRAW DEFINITE CONCLUSIONS.
NOBIVAC L4	IT-ITDGSVA11-IT-2018-44	Italy	Animal	Canine/dog	16 Month(s)	30/01/2018	06/03/2018	1 1	0 30/01/2	18 Yes, < R> Yes	Bloody diarrhoea,Vomiting,Tachypnoea,Sh ock,Pale mucous membrane,Hypotension,Tachycard a,Wheal,Diarrhoea,Itching,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	No Data	The case has been sent by the Authorities - suspected advense reaction. After 5 minutes the drug administration, he dop collapseh, and book, hypotension, again emuous membrane, tuchyacrilia and tachyonose. After those of distribution of tachyonose. After bloody distribution. After 12 hours the dog showed wheals and intense fiching. No further information expected, case closed, [Reson for use for product. Generic: DHPPI LV Brand. NOBIVAC.CEPP SDXIDS 360 Reason: Prophylaxis Generic LEPTO-4[ICT_ANG,RIPP,BRAT] KB. Brand: NOBIVAC.L4 SDXIDS 543 Reason: Prophylaxis] [State of health: Unknown]	Chihuahua	3	NOBIVAC CEPPI 50X1DS 360- 1,N/AN/A,10,1 m Not applicable 1 Animal (1 Day(s) 30/01/2018- 30/01/2018/-BRBR-NOBIVAC L4 SOXIDS 543 - 1,N/AN/A,10,1 ml Not applicable 1 Animal (1 Day(s) 30/01/2018-30/01/2018)<-BR>-SR>	B - Possible	Probable hypersensitivity reaction and 2 product administered.
NOBIVAC L4		Italy	Animal	Canine/dog		18/01/2014	24/01/2014	1 1		14 Yes, < R> Yes	Vomiting,Palpebral oedema,Generalised itching,Lip oedema (see also 'Skin')	No Data	SAI: the dog was vaccinated with Nobinot CEP reconstituted with Nobinot L4. 20 minutes after the vaccination the puny showed palephal and lip oedems, generalized tiching and womiting. The veterinarian administered betamitisone and the dog recovered in some hours. [Reason for use for product: Generic: LEPTO*BICT_CAN_CRIPP_BRAT; IS Brand: NOBINAC L4 10X1DS 543 Reason: Unknown. Generic: CHP LV Brand: NOBINAC CEP 20XLIDS 360 Reason: Unknown.] [State of health: Unknown]	American Eskimo Dog (Spitz)	Not Known	NOBIVAC CEP S0X1DS 360 - 1,N/A/N/A,24,1 Dose Once (18/01/2014) -18/01/2014) -18/01/2014) -18/01/2014) -18/01/2014 -	B - Possible	Possible hypersensithirly reaction, even if it is difficult to distinguish the vaccine responsible.
NOBIVAC L4	IT-NLINTVINT-2014-IT-00018	Italy	Animal	Canine/dog	4 Year(s)	23/01/2014	20/02/2014	1 1	0 24/01/20	14 Yes	Loss of hearing	No Data	SAR: The dog was vaccinated on 23 January 2014. 12 hours after the vaccination, the dog showed bilateral deafness. Reaction ongoing on 30 January 2014. [Reason for use for product: Generic: LEPTO*4[ICT,CAN,GRIPP,BRAT] KB Brand: NOBIVAC L4 10X1DS 543 Reason: Unknown.] [State of health: Unknown]	Cavalier King Charles Spaniel	9.6	NOBIVAC L4 10X1DS 543 - 1,N/A,N/A ,24,1 Dose Once (23/01/2014-23/01/2014) 	O - Unclassifiable/unassessa ble	Onset to sign is 12 hours, even if the reaction is not expected.
NOBIVAC L4	IT-NLINTVINT-2014-IT-00024	italy	Animal	Canine/dog	2 Month(s)	28/12/2013	07/02/2014	1		13 Yes, GR>-GR>-G R>-GR>-Yei	dsorder_Drooling_Vomting_Epileps Musicle tremo(Viriany incontinence_Death by euthansais_Lethargy (se also Central nervous system depression in Neurological_Malaise_Pacal incontinence_Clonic schue_Repipatory signs_Walking difficulty	No Data	SAG On December S, 2013 the puppy was vaccinated with Nobivac Puppy C. P. by the farmer. In mid- December 2013, the puppy was purchased by the reporter and on 28 December 2013, the value vice with Nobivac CEPP1 and Nobivac L4. The day after, the puppy showed generalized malaise, womking, lestrang and selepiness. In the following days the puppy sentors to improve, but on January 1, 2014 the object of the vomitting restarts. The veterinarian administered ranktidine and antibiotics, and again the puppy seems to recover. On January 2, 6014 the object on Sorved epileptic Coinc selare with muscule tremors, hyperalization, urinary and faceal incontinence. The owner took the dog to a veterinary clinic, where an injection was diagnosed and a lasaxide administered rule following days the crisis continued and the owner observed a roundworm in the faces. So, the veterinarian administered a product against the roundworm, and the puppy eliminated a Jung quantity of roundworm. Design the treatment the epileptic crisis continued so the veterinary diagnosed a poisoning caused by toxins released by the parasites. Few days later, he puppy was hospitabled in other clinic and a lot of analysis were performed: blood levels, x-ray CT, layor check, abdominal utrasound, bile acids, transipagair interlayerized protoperism: shurt. All the tests were negative (reports not available). The faceal analysis reveal an infestation by Giardia and occidia, so a treatment with Gardeniae, Parascur, articlocici, Leverbaceam, Rivotri and cortionine were administered. The owner took the dog to another clinic, and they performed the analysis for Toxopisansis, Relopsop at canimum, Distemper: again, all the tests resulted negative Design the treatment with Gardeniae, Discousing and another clinic, and they performed the analysis for Toxopisansis, Relopsop at canimum, Distemper: again, all the tests resulted negative Design the treatment with Gardeniae Discousing and account of the puppy's condition of war for product: Generic Dispril U V Brank NOBIVAC LE	German J Shepherd Dog	Not Known	NOBINZ CEPPI DIXIDS 360- 1,1N/AN/A, 24,1 DIOSE ONCE (28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013- 28/12/2013-	O - Unclassifiable/unassessa ble	The some signs are not fitting into the pharmacological profile. No further investigation are available.
NOBIVAC L4	IT-NLINTVINT-2014-IT-00064	Italy	Animal	Canine/dog		05/03/2014	13/08/2014	1 1		14 No, R> BR> R> BR>No		Other	SAR: On OS MAR 2014, the dog was vaccinated with Nobbac CEPP reconstituted with Nobbac L4. Few hours after the vaccination the dog howed ataks and weksness of the hiral dep. On 19 MAR 2014 the owner refers that the dog has worsened and now is unable to stand and drag the hind legs. The performed analysis, CPV areas and lood analysis) have not reveated the cause, shortly a X-ray computed tomography will be performed. Waiting for the results. FOLLOW UP 29 may 2014: the owner refers that the dog still has not yet recovered the functionality of the hind legs and is under physiotherapy treatment. No analysis results available. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC CEPI 20105 360 Reason: Unknown. Generic: EIPTO*/LICT_CAN_GRIPP_BRAT] XB Brand: NOBIVAC CEPI 2010DS 543 Reason: Unknown.] [State of health: Good]	Bichon Frise		NOBINAC CEPPI 10XLIDS 360 - 1,N/AN/A, 24,1 Dose Once (05/03/2014- cs/sn/2014)-cs/sn/2014/cs/sn/cs/sn/2014/cs/sn/2014/cs/sn/cs/sn/cs/sn/2014/cs/sn/cs/s	O - Unclassifiable/unassessa ble	Inconclusive with the information available.
NOBIVAC L4	IT-NLINTVINT-2014-IT-00067	Italy	Animal	Canine/dog	81 Day(s)	19/03/2014	11/04/2014	1 1	0 19/03/2	14 No, BR>E R>BR>BR>No	Angioedema, Facial oedema	Other	SAR: On 19 MAR 2014 the dog was vaccinated with Nobovac CEPF and Nobivac L4. 1 hour after the vaccination the dog showed facial angioedema. Administered predivisions, it recovered in a hours. Cace dosed. (Research of use for product Generic: DEPF) V STARIC MORIVAC (VERY SOXUS 58) Reason: Unknown. Generic: LEPTO*4[(CT,CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 SOXUDS 543 Reason: Unknown.] [State of health: Good]	Boxer (German Boxer)	7.5	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once (19/03/2014- 19/03/2014-BR> NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (19/03/2014- 19/03/2014-BR> 	O - Unclassifiable/unassessa ble	Hypersensitivity reaction to vaccination, but it is not distinguished the product associates to the reaction.

NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00071	Italy	Animal	Canine/dog	5 Year(s)	06/03/2014	16/04/2014	1	1 1	06/03/2014	Yes	Vomiting,Renal	No Data	SSAR: On 7 Feb 2014 the dog was vaccinated with Nobivac CEPPi and Nobivac L4 (annual vaccination).	Yorkshire	Not	NOBIVAC L4 50X1DS 543 -	B - Possible	Associative with vaccination, even if not all clinical
													failure, Death, Elevated creatinine, Azotaemia		On 6 Mar 2014 the dog was succinated with Nobbus L4 (booster). On 13 Mar 2014, 8 days after the vaccination, the dog browd worntime, The analysis revealed avery high level of creatinine and a polycystic kidney with chronic remail failure. The dog is under treatment with Ringer lactate solution, specific diet, Nerforens, but he is gettler wors. No more information is expected, FOLLOW UP 4 API 2014 Despite the treatment, the dog died on 28 Mar 2014. The laboratory analysis have revealed high levels of creatment [67. Tingli and 34 Amg/m] and azotenis 130 mg/m and 121 mg/m]. The veterinarian confirms that the polycystic kidney disease and the chronic reveal failure were diagnosed some years ago, a butown at the time of vaccination. No further information is expected. (Beason for use for poddet: General LEPTO 4(Inc. LAM, GRIPP, BRAT) NB Brand NOBINAC 14 50X105 532 Reason: Unknown.) [State of health. Good]	Terrier	Known	1.N/A.N/A, 2.4,1 Dose Once (06/03/2014-06/03/2014)-BR> 		signs are specific and not investigation performed pre and post vaccination.
NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00072	italy	Animal	Canine/dog	7 Year(s)	11/02/2014	16/04/2014	1	1 1	21/02/2014	Yes	Prostration_Levr failure_Swollen ymph node_Leucorytosis_Tachycardia_Net the rash (see also Skin)_Skin swelling_Death_Anorexia_Hyperther mia	No Data	SSAR On 11 Feb 2014 the dog was vaccinated with Noblava C. I. Few days after the vaccination fabout 101 fled og Showed a Sin raily, so the veterinarian restated in with a cortisonic instrument. On 23 Feb 2014 at lite analysis (not specified) performed on the blood of both the vaccinated dog and its sister from specified in specified) performed in the blood of both the vaccinated dog and its sister from specified in sectionated as well owner or mornia. On 12 Adva 2014 the dogs has been hospitalized because a severe siti nash, prostration and annexis. The owner refers that, based on the analysis performed, the health condition of the dogs was "serious". On 26 Mar 2014 the flood analysis of both days revealed a very high level of Gamma-glutamy transferane. The attending veterinarian with more specific details than reported by owner: 10 days after the vaccination the dog advended filmer. Blanck sists swelling. On 12 Mar 2014 the days was hospitalized because of depression and hyperthermia. The laboratory rests revealed increase of bilinibit, transaminases. C-reactive protein and leukocytes. At echography reactive hymphotic proposion. Supperced immune-mediated reaction. On 6 ≺ 2014, despite the treatment, the dog died. [Reason for use for product: Genetic: EETO*4(CT.CAV,GRIPP,BRAT) yills Brandt. NOBVACL LS SOXIDS 543 Ressorn Unknown.] [State of health: Unknown.]	Other Canine/dog	9	NOBHVCL 4 SXXLDS 543 - 1,1/N,A/M, 24.3 to Jose Once (11/02/2014 - 11/02/2014) - BR > CR >	O - Unclassifiable/unassessa ble	The laboratory test previously the vaccination was good, but the time to owned is very long for a defematological hypersensitivity reaction. Suspected immune-mediated reaction. Autopsy test is ongoing.
NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00106	Italy	Animal	Canine/dog	2 Year(s)	09/05/2014	13/08/2014	1	1 0	12/05/2014	No, <b R> No</b 	Muscle pain, Muscle stiffness, Muscle tremor, Hyperthermia, Depression	Other	Supercied adverse reaction: On 9 may 2014 the dog has been vaccinated with Nobivac CEPH-Nobivac L. 3 days after the vaccination, the dog showed mild hyperthemia, tremors, nild depression, stiff neck with pain. The dog has been visited by another veterinarian that diagnossed a meningitis and administered continos, natipyretic and sulfonamides. On 16 may 2014 the dog is clearly improving, nevertheless the veterinarian suggests a X-ray computed tomography. Case closed. [Reason for use for product: Genetic DRPIP IV Stant NOBIVAC CEPR 90105 36 Reason: Unknown. Genetic: IEPTO*QICT_CAN_GRIPP_BRAT] NB Brand: NOBIVAC LEP 30105 543 Reason: Unknown.] [State of health: Good!	: Beagle	20	NOBIVAC CEPPI 50X1D5 360 - 1,N/A.N/A, 24,1 Dose Once (09/05/2014- 09/05/2014/-BR>-BR>NOBIVAC L4 50X1D5 543 - 1,N/A.N/A, 24,1 Dose Once (09/05/2014- 09/05/2014)-BR> 	O - Unclassifiable/unassessa ble	Unclassifiable for available information.
NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00141	Italy	Animal	Canine/dog	32 Month(s)	21/06/2014	12/07/2014	1	1 0	21/06/2014	No, <b R> No</b 	Facial swelling (see also 'Sain'), Collapse (see also 'Cardio- vascular' and 'Systemic' disorders'), Reddening of the skin, Drooling, Diarrhoea, Vomiting, Angloedema	Other	Suspected adverse reaction: On 21 June 2014 the veterinarian vaccined the dog with Noblack CEPPi diathed in Noblack 1, 20 minutes a first the vaccination the dog showed: vomiting darthoea, donoling and colpase. The veterinarian administered IV fluid therapy and adversaline. The signs disappeared in 15-20 munites, except for the drooling: 5 hours affer, the drooling resolved but some swelling and readening languedema) on face and the chin, that disappeared after some hours following contisone therapy. Case Cooked. [Reason for use for product: Generic. DIMPI IV Branch NOBINAC CEPPI SOLICIA SIO Reason: Prophylasis Generic LEPTO*QICT.CAM_GRIPP_BRATIXES irand: NOBINAC LEP	Chihuahua	4	NOBIVAC CEPPI SOX1DS 360 - 1.N/AN/A, 24, 1 Dose Once (21/106/2014) CBR>NOBIVAC L4 SOX1DS 543 - 1.N/AN/A, 24, 1 Dose Once (21/06/2014) CBR>NOBIVAC L4 21/06/2014) CBR>CBR>NOBIVAC L4	B - Possible	There is a strict causal relationship between reaction and drug (possible hypersensitivity reaction), but is difficult distinguish the product responsible.
NOBIVAC L4			Italy	Animal	Canine/dog	,	14/07/2014	26/02/2015	1			No, <b R> No</b 	Swelling NOS	Other	Suppected adverse reaction: After 1 hour after the administration of the two sectines, the dog showed a generalized deedema. The dog was treated with a corticosteroid and recovered in 3 hours 30 annuary 2015 Follow-up how other information received. Case closes. (Reason for use for product: Generic: DHPPI IV Branch NOBINAC CEPP SOXIDS 360 Reason: Unknown. Generic: EEPTO*4[CT.CAM_CRIPP_BRAT] XB Brand: NOBINAC L4 SOXIDS 343 Reason: Unknown.] [State of health: Good]	d Basset Hound	Not Known	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once 1 Animal (14/07/2014- 14/07/2014-BR>~BR>NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once 1 Animal (14/07/2014- 14/07/2014\c8R>~BR>	B - Possible	Possible hypersensitivity reaction.
NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00167	Italy	Animal	Canine/dog	10 Year(s)	01/06/2014	12/08/2014	1	1 0	01/06/2014	Yes	Keratitis,Ocular discharge,Autoimmune disorder NOS	No Data	Suspected adverse reactions. At the beginning of June 2014, the reporter (veterinarian) vaccinated her dong finised pit-billy with Nobisec La, a bootser vaccination after the first one G, weeks before) 3-4 days after the vaccination the dog showed a copious bilateral transparent ocular discharge, and bowarish lesions on the lateral sides of the eyes; (blood vasses), jorneding the bisons to the entire surface of the eyes, the dog was visited by an ophthalmologist who diagnosed a progessive choice specifical kerattel (journal) due to an autoimmure reaction caused by the vaccination. The dog is under treatment with cyclosporine and controssteroids (eye drops), that keep the lesions under control but if the treatment is stopped, if red explore the lesions under again. No further disromation expected cached. Reason for our for product. General. LEPTO*Q(IC/LAVAGIFP,BIAT) (8) Brand: NORNAC L41001D5543 Reason. Pophylata). (State of Instant: Good)	Crossbred	18	NOBINAC L4 10X1D 543 - 1,N/AN/A 24, 10 50e Once (01/06/2014-01/06/2014) RR> 	O - Unclassifiable/unassessa ble	Some cases the Keratitis is related with the vaccination, but is not proven it.
NOBIVAC L4			Italy	Animal	Canine/dog	2 Year(s)	09/05/2014	12/08/2014	1	1 0	12/05/2014	No, <b R> No</b 	Muscle stiffness,Meningitis,Hyperthermia	Other	Suspected adverse reation. On 9 may 2014 the veterinarian vaccinated a Beagle with Nobixac CEPFI and Nobixac L4. On 12 May 2014, the dog showed mild next stiffness and hyporthermia. A colleague of the reporter, who visited the dog, diagnosed a meningitis (not confirmed by laboratory analysis) and administered antipyretics, sufforamides and cortisone. On 15 May 2014 the dog recovered. (Reason for use for product. Generic: DHPI VI Brain: ANGBIVAC LF SON 2015 AS Reason: Unknown.) State of health Confirmed Confirmed Confirmed Visits of Present Visits of Present Visits of Visits of Present Visits of Visits	Beagle f	20	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once (09/05/2014)-BR> NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (09/05/2014)-BR> NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (09/05/2014-BR> 	O - Unclassifiable/unassessa ble	Insufficient information for conclusive assessment
NOBIVAC L4			Italy	Animal	Canine/dog		07/09/2014		1		10/09/2014		Thrombocytopenia.Haemorrhage NOS,Death,Haemolytic anaemia	No Data	Suspected adverse reaction:On 7 September 2014 the veterinarian vaccinated the dog with Nobiosc LA-The reaction coursed 3 days after the vaccination, on 10 September 2014. The report, also submitted to the Italian Ministry of Health, doesn't describe the observed signs and only states-Symptom 1: Heamon/hagelymptom 2: Heamonlytic ansemiss/pmptom 3: Thrombocytopenial-Esipte the treatment with Italian, amountailm-clavalian: acid and fluid therap the dog deel after 24 hours of cerebral heamon/hage. Case closed 3: October 2014 FOLLOW IP-The laboratory analysis (FOR our une sample) have showed the following residue-Commaterably, Bromaddoine, Brodifacoum. This means that the dog ded because of poisoning by anticoagulant rodenticides (Reason for use for product Ceneric: LEPTO* (AJC), GRIPP-BRAT) XIS Brand: NOBIVAL LA SOXIDS 543 Reason: Prophylaxis) [State of health: Unknown]	English Setter		NOBINAC L4 SDXLDS 543 - 1,N/AN/A J,D, ml Once (07/09/2014-07/09/2014) BR> 	N - Unlikely	The dog died for poisoning by rodenticides
NOBIVAC L4	IT-NLINTVINT-2014-I	IT-00264	Italy	Animal	Canine/dog	3 Year(s)	12/10/2014	28/10/2014	1	1 0	14/10/2014	No, <b R> No</b 	Anaemia NOS,Pale mucous membrane,Anorexia,Apathy	Other	Supperted adverse reactions On 12 october 2014, the veterinarian vaccinated the dag with Nobinac CEPP diluted in Nobinac L4. 36 hours after the vaccination the dog showed severe apartly, anonexis and pale mutous membranes. 5 days after vaccination the veterinarian performed blood analysis (CBC that revealed a severe anaemia feed blood cells 1.5 millions, heemoglobin 8 g/100ml, hematocin 155%, so the veterinarian decide for a blood transfusion. Further diagnostic sears do not reveale any orthough causes for the anaemia, that 3 days later was still severe. The dog is under treatment with Ronaxan, metyperdisolone, azathoprine. Today 28 cotober 2014 the dog is slightly improved but the conditions are still severe. No further information expected, case closed. [Reason for use for product Generic: DPPD 11 parts. NOBINAC 164 50XLDS 543 Reason: Unknown. Generic: LIPPD 107 (CT.CAN,GRIPP,BRAT) XB Brand: NOBINAC L4 50XLDS 543 Reason: Unknown.] [State of health: Good!]	Crossbred	3.5	NOBINAC CEPPI SOXLID 360 - 1,N/AN/A, 24,1 Dose Once (12/10/2014 12/10/2014/sBR>-BR>NOBINAC L4 37/10/2014/sBR>-BR>NOBINAC L4 50XLID 543 - 1,N/AN/A, 24,1 Dose Once (12/10/2014- 12/10/2014)-BR>-BR>	O - Unclassifiable/unassessa ble	

NOBIVAC L4	IT-NLINTVINT-2014-IT-00285	Italy	Animal	Canine/dog	19 Week(s)	26/09/2014	01/12/2014	1 1	0 27/10/201	4 Yes	Anorexia,Lack of efficacy,Weight	No Data	SLEE On 18 August 2014 the veterinarian vaccinated the 3-months-old puppy with Nobivac CEPPI and	German Short	Not	NOBIVAC L4 50X1DS 543 -	B - Possible	
											loss, Dehydration, Elevated renal parameters		Nobbac L4, and re-vaccinated the puppy with Nobbac L4 on 26 september 2014 (19 weeks of age). Or 27 october 2014 the veterinarian visited the dog, that was anoesic, dehydrated and emacisated, On 32 october 2014 blood analysis revealed an increase in renal parameters (not specified) and the following titmes: L tarssoot's 1006. Listschee's reorgoup Gippophysios: 1200 Negative titres (not quantified for L interrogans reorgoup Canicola, L. interrogans serogoup (teterobaenorihaghe and L. interrogans reorgoup Australii. The dog was administered with annoxicilla and citualina cald iv and he significantly improved within 48 hours. The treatment continued for 2 consecutive weeks, now the dog is under treatment with triarycylines. No further information expected, care cioced. (Reason for use for product: Generic L1907-41(CT_CAN_GRIPP_BRAT) 188 Brand: NOBNAC L4 50x105-543 Reason Unknown). [32 has or health; Good]	Pointing Dog	Known	1.N/A.N/A, 24.1 Dose Once (26/09/2014-26/09/2014)-BR>-BR>		
NOBIVAC L4	IT-NLINTVINT-2014-IT-00290	Italy	Animal	Canine/dog	6 Year(s)	25/11/2014	03/12/2014	1 1	0 25/11/201	4 Yes	Lateral neck deviation,Reduced responses,Reluctant to move,Hind limb ataxia,Rigidity of limbs	No Data	Suspected adverse reaction: On 25 November 2018 the veterinarian vaccinated the dog with Nobise: L4. 11/2 hour later, at home, the dog showed lethargy (it did not respond to calls and remained sitting in the doghouse); stimulated by the owner, the dog tried to stand but with great difficulty, and had him limbs rigid and dragged, stiff and furned right neck. The reaction disappeared within 30 minutes without any treatment. No thritter information on spected, case colors, [Resson for use for product: Generic, EPTO*4(ICT_CAN_GRIPP_BRAT) [XB. Brand: NOBIVAC L4 50X105 543 Resson: Unknown.] [State of health: Good!	Terrier	11	NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (25/11/2014-25/11/2014) BR>	B - Possible	Close temporal association, possible hypersensitivity reaction.
NOBIVAC L4	IT-NLINTVINT-2015-IT-00015	Italy	Animal	Canine/dog	9 Year(s)	26/01/2015	10/06/2015	1 1	0 28/01/201	5 No, BR>B R>BR>BR>No	Lethargy (see also Central nervous system depression in 'Neurological'),Anorexia,Jaundice,H aemolytic anaemia,Hyperthermia	Other	Supercted adverse reaction. On 26 Jan 2015 the veterinarian vaccinated the dog with Nobius CEPP and an Nobius La (finely). On 28 Jan 2015, the dog showed lethrapy, annexis, hyperthemia and sub-just underlied, On 28 Jan 2015, the dog showed lethrapy, annexis, hyperthemia and sub-just of the blood count has been carried out, waiting for the report. The veterinarian diagnosed hameophyt can ament and administered perfectionione, outcome unknown. Waiting for more information. FOLLOW UP 15 MN 2015. The dog gradually recovered in the following days. No further information, FOLLOW UP 15 MN 2015. The dog gradually recovered in the following days. No further IEPTO*4(TC_ANCSIP_BRAT_10B Brand: NOBIVAC_LEPTOXIDS.).	Crossbred	13	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once (26/01/2015- 26/01/2015-BR>~BR>NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (26/01/2015- 26/01/2015)~BR>~BR>	O - Unclassifiable/unassessa ble	Temporal association with the vaccination. Two products administered. No information about other concomitant retement. Awaiting results of further investigation.
NOBIVAC L4	IT-NLINTVINT-2015-IT-00051	Italy	Animal	Canine/dog	2 Year(s)	20/04/2015	20/05/2015	1 1	0 23/04/201	5 Not Known, BR > BR>CBR> Yes	Angioedema,Facial oedema	No Data	Suspected adverse reaction: On 20 April 2015, the veterinarian vaccinated the dog with Nobivac L4, and administered discussion, and a disvise that (23 April the dog showed facial rapposedma. The veterinarian administered desametasione by intravenous way, but after 90 minutes the dog was gettin worse, so again he administered desametasione by intravenous way, After 90 minutes the dog was worse, so again he administered desametasione by intravenous way. After 90 minutes the dog was improving, and he fully recovered the day after. No other signs described, No further information expected, case closed. [Reason for use for product. General: ExtProd 40[CT, AnGREP PBAR1] is Branch NDBNAC L4 J001D5 543 Resson: Unknown, Generic: Branci GUARDIAN Resson: Unknown, State of Peaths: Unknown!	Crossbred 6	5.8	GUARDIAN SR INJECTABLE - N/A.N/A.N/A.N/A.N/A (20/04/2015- 20/04/2015-BR-S-BR-NOBIIVAC L4 10X1D5 543 - 1.N/A.N/A ,24,1 Dose Once (20/04/2015- 20/04/2015)<-BR>-BR>	B - Possible	Signs reported could be the result of a hypersensitivity reaction but two products were administered.
	IT-NLINTVINT-2015-IT-00104	Italy	Animal	Canine/dog	11 Year(s)	04/06/2015	10/10/2015	1 1	0 06/06/201	S Yes	Haemolytic anaemia_Leucorytosis_Lymphoperi a_Neutrophilia_Elevated liver enzyme_Decreased red blood cel count_Decreased haemoglobin_Elevated creatine- kinsac (EX_Elevated C-reactive protein_Elevated lactic acid dehydrogenase (LDH)	No Data	Siagected adverse reactions On 4 Jun 2015 the veterinarian vaccinated the dog with Nobivac L. 8. 2 day after the vaccination than veterinarian observed hemolytic anneal (so information about the method of diagnosis) that was reported to endanger the life of the animal. The dog is still under treatment wit preprintsioned run glipp & unbid, doxycyclub 2 florghg b, w. and fluid therapy. Walling for further information. Follow-up 18 iu no 2015: The veterinarian performed the blood analysis but not a COUMS test. The analysis, dated 11 Jun 2015. The veterinarian performed the blood analysis but not a COUMS test. The analysis, dated 11 Jun 2015. The veterinarian performed the blood analysis but not a COUMS test. The analysis, dated 11 Jun 2015. The veterinarian performed differenced elseving 6 flife, hemoglooi and hematocrit), but also high levels of C-reactive protein, creative kinase, lactate dehydrogenase, alkaline phosphatase, lymphoperia, servorphila and seucocytosis. Therefore, the diagnosis of immune mediated anemia cannot be confirmed, and there is the possibility that an inflammatory process was in progress at the time of seccination. Walling for outcome from the veterinarian FOLIOUM UP 10 concess was in progress at the time of seccination. Walling for outcome from the veterinarian FOLIOUM UP 10 concess was included to the concess of the possibility of the order of the concess	h 5		NOBINAC L4 IDXLDS 543 - 1,1/A/A/A,24,3 to Jose Goce (04/06/2015-04/06/2015)<8R><8R>	O1 - Inconclusive	Association in time, but can't be excluded other causes.
	IT-NLINTVINT-2015-IT-00185	Italy	Animal	Canine/dog		23/05/2015	28/09/2015	1 1	0 23/05/201	R> Yes	Facial oedema,Angioedema	No Data	Supersted adverse reaction: On 23 may 2015 the seterinarian vaccinated the dog with Nobbuc CEPP diluted with Nobbuc L4. Some time after the vaccination (not specified, but in the same day of the vaccination) the dog showed facial angioedema. The veterinarian administered dexamethasone and methylpredisolone and the dog recovered in 15 minutes. No further information expected, case colosed. Reason for use for product. Generic: UPPPI LV Band. NOBINAC EIPP SOUIDS 30R Reason: Unknown L1524 for health: Visionomy.	Crossbred		NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once (23/05/2015)-8BN-SBN-NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Once (23/05/2015- 23/05/2015)-8BN-SBN-	B - Possible	Probable allergic reaction, even if two products administered.
	IT-NLINTVINT-2015-IT-00189	Italy	Animal	Canine/dog		30/09/2015	01/10/2015	1 1	0 30/09/201	Known,
 >BR Not Known</br 	Ear flap oedema, Palpebral oedema, Local swelling (not application site)	Not Known	Suspected adverse reaction: On 30 Sep 2015 the veterinarian has vaccinated the dog with Noblwac EPPR and Noblows. At After 1.5 hour the dog showed paleptial dedma, retrosurtatival etema, swelling on trunk and extremities. The veterinarian administered dexamethasone i.v. (0.5 mg/kg) and the dog received in 4 hours. No further information expected, case closed. [Reason for use for product: Generic: DHPP II.V Brand: NOBINAC LEPP SOLDS 360 Reason: Prophylaxis Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 50XLDS 543 Reason: Unknown.] [State of health: Good!	Staffordshire Bull Terrier		NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 24,1 Dose Once (30/09/2015- 30/09/2015\cdot BR><8R>NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose Once (30/09/2015- 30/09/2015\cdot BR><8R>	B - Possible	Possible allergic reaction.
NOBIVAC L4	IT-NLINTVINT-2015-IT-00191	Italy	Animal	Canine/dog	22 Month(s)	30/09/2014	22/10/2015	1 1	0 26/09/201	s No	Lack of efficacy	Other	Suspected lack of expected efficacy: On 30 Sep 2015 the dag was vaccinated with Noblous Ld Ilpootse vaccination, first vaccination smorth before). On 25 Sep 2015 the dag showed wordning lethragy and jaundice. The laboratory analysis resulted positive for Leptospira australis/bratislava, Leptospira grippotyphosa/leptospira/sectional-circlenhaemoragale-(poephagen, Leptospira grippotyphosa). After the administration of a moxicillin, Cavularia. Cad and supportive therapy the dog recovered. Extra-bale use: the booler vaccination was administened 5 weeks after the first vaccination instead of 4 weeks. FOLLOW UP 22 october 2015: modified incorrect data: Suspected lack of expected efficacy. On 30 Sep 2014 the dog was vaccinated with hobbus Ld loboset vaccination, first vaccination is weeks before). On 26 sep 2015 the dog showed womiting, lethragy and juuridice. This laboratory analysis resulted positive for Leptospira australishpratisha va (1/460), Leptospira grippotyphosa/grippotyphosa (1/1200), Leptospira Letrohaemoragale-Copenhagen (1/200), Leptospira pomenon (1/1200), Leptospira Letrohaemoragale-Copenhagen (1/200), Leptospira pomenon (1/1200), Leptospira Letrohaemoragale-Copenhagen (1/200), Leptospira pomenon of the control of weeks. No fruiter in formation expected, case closed weeks after the first vaccination instead of weeks. No fruiter in formation expected, case closed December of the later of problectic case Cuttor (1/240, CAIR/RIAR) (18 Branch NOBIVAC L4 S00105 December 2016).	r American d Staffordshire Terrier	26	NOBINZL L4 SOXIDS 543-1 J.N/N/N/2 A2 1 Doe Groe (30/09/2014-30/09/2014)-GR≻-GR≻-	B - Possible	Possible lack efficacy.
	IT-NLINTVINT-2015-IT-00192	Italy	Animal	Canine/dog	35 Day(s)	01/01/2015	06/10/2015	6 1	1 01/01/201	5 No, No, No	Leucopenia, Vomiting, Iaundice, Deal h, Lethargy (see also Central nervous system depression in 'Neurological'), Dehydration, Tiredne ss	Other	Supercted adverse reaction and extra-label use: The weterinarian vaccinated 6 puppies at 5 weeks of age with Nobivac CEPPI and Nobivac L4. 4 hours after the vaccination one puppy showed tiredness an vomiting. 48 hours after the vaccination the veterinarian violed the dog and observed; jourdice, dehydration, letharge, The blood analysis revealed 24.000/jul white blood cells. The dog died the day after, 3 days after the vaccination. The minimum age recommended for vaccination is 12 weeks for Nobivac CEPPI and 6 weeks for Nobivac L4. No further information expected, case closed. [Reason for use for product: Generic DHPPI U Plant-NOBIVAC L695 NODIS 360 Reson: Pophylavis Generic: LEPTO*4(DCT,CAN,GRIPP,BRAT) XB Brand: NOBIVAC L4 SOXIDS 543 Reason: Unknown.] State of Pealth: Unknown!	Other d Canine/dog	7	NOBIVAC CEPPI 50X1DS 360 - 1,N/AN/A,24,1 Dose Once (0)/01/2015 01/01/2015/sBR> NOBIVAC L4 50X1D5 543 - 1,N/AN/A,24,1 Dose Once (01/01/2015 01/01/2015/sBR> 	O - Unclassifiable/unassessa ble	Insufficient information for a conclusive assessment.
NOBIVAC L4	IT-NLINTVINT-2015-IT-00194	Italy	Animal	Canine/dog	2 Year(s)	01/01/2015	06/10/2015	2 1	0 01/01/201	5 Not Known,
 <r> Not Known</r></br 	Scientis	Not Known	Supected adverse nexton: the veterinarian vaccinated 2 days with Nobiac CEPF and Nobiacs L.S. I month later, the administered the boostive ruccination. 5-6 days after the vaccination, one of the dept showed clouding of the eyes, to the owner brought the dog to the ophthalmologist who diagnosed an autoimmune epischetis. Reporting wet world about the dog's eye constition. Whiting for the complete report from the veterinarian. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC CEPF 200035 56 Reason: Prophylavis Generic: EPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L410XID5 543 Reason: Prophylavis (State of health: Unknown)		Not Known	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A,24,1 Dose Once (01/01/2015- 01/01/2015-BR> NOBIVAC L4 10X1DS 543 - 1,N/A,N/A,24,1 Dose Once (01/01/2015- 01/01/2015\-BR> 	O - Unclassifiable/unassessa ble	Waiting for further information.

NORIVAC 14	ITA-MERCKMSD-2016-IT-00001	Italy	Animal	Canina/dag	2.5 Month(s)	07/01/2016	29/01/2016		0 07/01	2016 No, <	R> <b membrane,collapse<="" mucous="" pale="" th=""><th>No Data</th><th>Suspected adverse reaction: On 15 December 2015 the puppy was vaccinated by the breeder with</th><th>Maltese</th><th>1.07</th><th>NOBIVAC CEPPI 50X1DS 360 -</th><th>B - Possible</th><th>Possible anaphylactic shock, even if two products</th>	No Data	Suspected adverse reaction: On 15 December 2015 the puppy was vaccinated by the breeder with	Maltese	1.07	NOBIVAC CEPPI 50X1DS 360 -	B - Possible	Possible anaphylactic shock, even if two products
NOBIVAC L4		taly the bar	Animal	Canine/dog	1 Year(s)	03/06/2015	19/01/2016			R×BR×E	>Yes (see also 'Cardio-vascular' and 'Systemic disorders'),Decubitus	NO Data	Variguard 7. On 7 January 2016 the veterinarian visited the 10-week puppy and veccinated vin use veces with Variguard 7. On 7 January 2016 the veterinarian visited the 10-week puppy and veccinated him with Nobiac CEPP disturbed in Nobiac L4 (ELL) for CEPP), 6og should be at least 12w of age). 3 Minutes after the veccination the dog collapsed, fell in lateral devolution and showed gary mucos membranes. The veterinarian administreed methylgradisolone hemisuccinate 1 mg/kg b.w. by intravenous way. Thereafter the dog was administreed with fluid therapy, methylgredisolone hemisuccinate and ranktidine. Within 20 minutes the dog regained consciousness, after 1 hour the dog fully recovered, alert and responsive, with rosy mucous membrane. No further information expected, case closed, Bleason for use for product: Generic EMPPI LV Brand: NOBIVAC CEPP SXXIDS 360 Reason. Popphylavia Generic LEPTO*4(TC,TAM,GEMPBRAT) Ri Brand: NOBIVAC L45 SXXIDS-534 Reason. Pophylavias Generic LEPTO*4(TC,TAM,GEMPBRAT) Ri Brand: NOBIVAC L45 SXXIDS-534 Reason. Pophylavias Generic LEPTO*4(TC,TAM,GEMPBRAT) Ri Brand: NOBIVAC L45 SXXIDS-534 Reason.	riviatese		1.N/A,WA, 24,1 Dose (07/01/2016- 07/01/2016)-BRBR->NOBINACL IO SOXIDS 543 - 13/A,WA, 24,1 Dose (07/01/2016-07/01/2016)-BRBR> NOBINAC CEP 50XIDS 360 -	a - russilvie	administered.
		Italy	Animal	Canine/dog	1 Year(s)	03/06/2015		1 1		R> <€	No.	Other	with Notivac CEP diluted in Notivac LA, and revaccinated 5 weeks later (ELU for Notivac LA, the second vaccination should be performed 4 weeks after the first onel with the same vaccines. On 11 January 2015 the dog was visited by the veterinarian because of hyperthermia, and the owner referred about one epitode of vontiling and darkmoea in the previous days. The veterinarian started a treatment program with Ketoprofene and Errofloxacine. The day after (12 January 2015), the therapy was administered with full offenery and Samyr. The same stopped. On all January 2015 the poppy was administered with full offenery and Samyr. The same day, the puppy showed muscle tremon, ataxia, rolling, orange urine, so the veterinarian administered Doxycycline. Afterwards, the dog showed obvious jaundice and selzure, and ded on 14 January, during the night. The veterinary suspected Leptosprosis. The analysis on blood revealed high levels of creatine phosphokanse, transaminates, blimbidu, ureq. Creative proteins. The analysis on urine revealed the presence of high levels of bilirubin, protein, creatine. The analysis on urine revealed the presence of high levels of bilirubin, protein, creation for the analysis. The geason for use for products. Generic: LEPTO*4(CT_CAM_GRIPP_BRAT) NB Brand: NOBINAC L4 SOLIDS 543 Reason: Prophylaxis Generic: DHP LY Brand: NOBINAC CEP SOXIDS 360 Reason: Prophylaxis [State of health Fair]	chinuanua d d y e e		1,N/A/N, 24,1 Dose 1 Animal (03/06/2015)	U - Unclassifiable/unassessa ble	Waiting for the laboratory analysis.
	ITA-MERCKMSD-2016-IT-00018	Italy	Animal	Canine/dog		19/02/2016	07/04/2016	1 1		2016 Yes, <br≻ R≻BR≻B</br≻ 	>Yes abdomen,Death,Appetite loss		Supercial adverse reactions On 31 January 2016 the veterinarian vaccinated 5 puppies (Same Illter) with Nobiuse Cappor, Can drescuciated them 20 days late (1) Ferbuny 2016; with Nobiuse CEPPI and Nobbux L4. The veterinarian refers that concurrently to the vaccination the owner weared the puppies. The day after the vaccination, in the evening, one puppy showed anorests and distension of the abdomen, and died during the night. The veterinarian refers that previously the puppy had been treated with antibilities for respiratory problems (not described) and the veterinarian vaccinated the day 22 days after the end of the antibiotic therapy. Waiting for the report, FOLLOW UP 22 MARCH 2016. The veterinarian has decided not to proceed with reporting, so no further information will be available. Case closed. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC CEPPI SOXIOS 300 Reason: Prophylaxis (Eneric LEPTO*4DCT.CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 SOXIOS 540 Reason: Prophylaxis (Eneric LEPTO*4DCT.CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4	Chihuahua		NOBINAC CEPPI SIXI DS 360 - 1,1/A,N/A, 24,1 Dose 1 Animal (13/02/2016- 13/02/2016): RR-S-RB-NOBIVAC L4 SOXIDS 543 - 1,1/A,N/A, 24,1 Dose 1 Animal (1 Dayle) 19/02/2016- 19/02/2016- RR>-SB>	B - Possible	Two products administered. The vaccinations could have triggered off the reaction.
	ITA-MERCKMSD-2016-IT-00032	Italy	Animal	Canine/dog		16/03/2016	30/03/2016	1 1	0 16/03,	2016 Yes, < R> <b< td=""><td>R><b dull,dyspnoea<br="">>Yes</td><td>No Data</td><td>Saspected adverse reaction: on 16 march 2016, at 5 p.m., the veterinarian vaccinated the dog with Noblava: CEPP and Noblave L4. At 9 p.m., at home, the dog howed dysponea and mild duliness. The dog recovered in 5 minutes, without any treatment. No further information expected, case closed. [Reason for use for product: Generic OMPIPI U 8 rands: NOBIVAC CEPP SOXIDS 363 Reason. Prophylavias (Senteric LEPTO*4(ITC,TAM,GRIPP,BRAT) KB Brand: NOBIVAC L45 SOXIDS 543 Reason. Popolyvaksis [State of health: Good)</td><td>Corso Dog</td><td>53</td><td>NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 24,1 Dose (16/03/2016- 16/03/2016):BR>~BR>NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose (16/03/2016-16/03/2016):BR> </td><td>B - Possible</td><td>Temporal association with the vaccination, even if the signs are non specific and other equally plausible explanation possible.</td></b<>	R> <b dull,dyspnoea<br="">>Yes	No Data	Saspected adverse reaction: on 16 march 2016, at 5 p.m., the veterinarian vaccinated the dog with Noblava: CEPP and Noblave L4. At 9 p.m., at home, the dog howed dysponea and mild duliness. The dog recovered in 5 minutes, without any treatment. No further information expected, case closed. [Reason for use for product: Generic OMPIPI U 8 rands: NOBIVAC CEPP SOXIDS 363 Reason. Prophylavias (Senteric LEPTO*4(ITC,TAM,GRIPP,BRAT) KB Brand: NOBIVAC L45 SOXIDS 543 Reason. Popolyvaksis [State of health: Good)	Corso Dog	53	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 24,1 Dose (16/03/2016- 16/03/2016):BR>~BR>NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose (16/03/2016-16/03/2016):BR> 	B - Possible	Temporal association with the vaccination, even if the signs are non specific and other equally plausible explanation possible.
	TTA-MERCKMSD-2016-IT-00053	Italy	Animal		10 Month(s)		14/06/2016	1 1		2016 Yes, < R> <b< td=""><td>>Yes defecation,Inappropriate urination,Vomiting,Collapse (see also 'Cardio-vascular' and 'System disorders')</td><td>No Data</td><td>Supercted adverse reaction: on 31 March 2016 the veterinarian vaccinated the dog with Nobbasc CEPI dutted with Nobbasc LeA About 15 minutes after the vaccination the dog showed womiting and repeatedly deficated and urinated, finally he collapsed. The veterinarian administered Dexaderson In and glucose solution 555 ofm. In a short time the day improved and fully recovered the following day No further information expected, case closed. 02 Jun 2016. Duplicate breed label fix installed in PV-Works, Sineed is corrected to match the appropriate species. [Resolt of true for product. Generic: DMPPI LV Branch MORIVAC ELPS 2015.15 280 Reason: Prophylaxis Generic: LEPTO*4(CT_CAN_CRIPP_BRAT) ISB Branci NOBIVAC L4 SOXIDS 543 Reason: Prophylaxis] [State of health: Good)</td><td>nl</td><td>2.1</td><td>NOBINAC CEPPI SOXLDS 360 - 1,N/A.N/A, 24,1 Dose (31/03/2016-31/03/2016)+BR-NBINAC L4 SOXLDS 543 - 1,N/A.N/A, 24,1 Dose (31/03/2016-31/03/2016)+BR> </td><td>B - Possible</td><td>Possible hypersensitivity reaction.</td></b<>	>Yes defecation,Inappropriate urination,Vomiting,Collapse (see also 'Cardio-vascular' and 'System disorders')	No Data	Supercted adverse reaction: on 31 March 2016 the veterinarian vaccinated the dog with Nobbasc CEPI dutted with Nobbasc LeA About 15 minutes after the vaccination the dog showed womiting and repeatedly deficated and urinated, finally he collapsed. The veterinarian administered Dexaderson In and glucose solution 555 ofm. In a short time the day improved and fully recovered the following day No further information expected, case closed. 02 Jun 2016. Duplicate breed label fix installed in PV-Works, Sineed is corrected to match the appropriate species. [Resolt of true for product. Generic: DMPPI LV Branch MORIVAC ELPS 2015.15 280 Reason: Prophylaxis Generic: LEPTO*4(CT_CAN_CRIPP_BRAT) ISB Branci NOBIVAC L4 SOXIDS 543 Reason: Prophylaxis] [State of health: Good)	nl	2.1	NOBINAC CEPPI SOXLDS 360 - 1,N/A.N/A, 24,1 Dose (31/03/2016-31/03/2016)+BR-NBINAC L4 SOXLDS 543 - 1,N/A.N/A, 24,1 Dose (31/03/2016-31/03/2016)+BR> 	B - Possible	Possible hypersensitivity reaction.
NOBIVAC L4	TTA-MERCKMSD-2016-IT-00060	Italy	Animal	Canine/dog	4.5 Month(s)) 29/03/2016	20/09/2016	1 1	1 12/04,	2016 Yes, < R> <b< td=""><td></td><td>No Data</td><td>Supercial adverse reaction on 29 march 2016 the veterinarian vaccinated the dog with Nobbus CEPF diducted in Nobbus 4.1.4 advas after the vaccination the owner applied Advocates port on .0.1 2 Agril 2016 the dog showed as welling at the injection site at the right shoulder blade (size about 6.cm) so the owner applied advocates one compresses with water and still. On 13 Agril 2016 the veterinarian visited the dog and administered an anti-inflammatory by oral way. Afterwards the veterinarian was in formed by the owner that the welling was extended to the entire right from plaw and dide on 13 Agril 2016. Walting for the results of the autopsy. POLLOW UP 20 September 2016: no further information received, case closed. [Reason for use for product: General: EPPT 4/GLC, AMGREP PART 8 Branch NOBIVAC LEPPI SOXIOS 300 Reason Prombylasis Generic: DHPPI LV Brand: NOBIVAC CEPPI</td><td>,</td><td>9</td><td>NOBINAC CEPPI SOXLIDS 360 - 1.N/A.N/A, 24,1 Dose (29/03/2016- 29/03/2016-(8R>~BR>NOBINAC L4 50XLIDS 543 - 1.N/A.N/A, 24,1 Dose (29/03/2016-29/03/2016)-BR>~BR></td><td>B - Possible</td><td>Possible even if autopsy could be clarify all signs.</td></b<>		No Data	Supercial adverse reaction on 29 march 2016 the veterinarian vaccinated the dog with Nobbus CEPF diducted in Nobbus 4.1.4 advas after the vaccination the owner applied Advocates port on .0.1 2 Agril 2016 the dog showed as welling at the injection site at the right shoulder blade (size about 6.cm) so the owner applied advocates one compresses with water and still. On 13 Agril 2016 the veterinarian visited the dog and administered an anti-inflammatory by oral way. Afterwards the veterinarian was in formed by the owner that the welling was extended to the entire right from plaw and dide on 13 Agril 2016. Walting for the results of the autopsy. POLLOW UP 20 September 2016: no further information received, case closed. [Reason for use for product: General: EPPT 4/GLC, AMGREP PART 8 Branch NOBIVAC LEPPI SOXIOS 300 Reason Prombylasis Generic: DHPPI LV Brand: NOBIVAC CEPPI	,	9	NOBINAC CEPPI SOXLIDS 360 - 1.N/A.N/A, 24,1 Dose (29/03/2016- 29/03/2016-(8R>~BR>NOBINAC L4 50XLIDS 543 - 1.N/A.N/A, 24,1 Dose (29/03/2016-29/03/2016)-BR>~BR>	B - Possible	Possible even if autopsy could be clarify all signs.
	ITA-MERCKMSD-2016-IT-00076	Italy	Animal	Canine/dog		04/05/2016	06/05/2016	1 1		2016 Yes, R> R> BR> BR> BR> BR>	>Yes, henia,Hypoglycaemia,Low platelet BR>< count,Coma	st No Data	Suppercial adverse reactions on at may 2016 the day was vascinated with Noblwac CEP and Noblwac L4 subcutaneously, and with Noblwac KC intransaly. B hous late, the day Showed depression and asthenia rapidly worsening to a pre-comators status with hyperthermia, hypoglycaemia, decrease in platelets value. The day was treated with Ringer solution, glucore solution and desaderson 1.5 ml, and died after 2 days. The post-mortem examination is running. No further information expected, case closed. [Reason for use for product: Generic: B8 CANINE / PI LB/V Brand; NOBIVAC KC SUID5-SUID5 IS DIS DR Reason: Porphylaxis Generic: Det V Brand; NOBIVAC EV SUID5 SG Reason: Porphylaxis Generic: LEPTO* [UT.CAN.CGIPP.BRAT] XB Brand: NOBIVAC L4 SOXID5 S43 Basson: Porphylaxis Claste of health; Good!	t		04/05/2016)-BR> NOBIVAC KC SXIDS+SXIDS DIL 360 - 1,N/A,N/A 24,1 Dose (04/05/2016- 04/05/2016-BR> NOBIVAC L4 50XIDS 543 - 1,N/A,N/A ,24,1 Dose (04/05/2016-04/05/2016)-BR> 	O - Unclassifiable/unassessa ble	Associative connection in time, even if the information are inconclusive.
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00096	Italy	Animal	Canine/dog	b Month(s)	08/02/2016	22/07/2016	1 1	0 08/05,	2016 Yes, ~ R×BR> <b< td=""><td>R-vB Lack of efficacy >Yes</td><td>No Data</td><td>Suppercial clack of expected efficacy; on 8 february 2016 the veterinarian vaccinated the dog with Nobbac CEPP and Nobbac LL. The dog was previously accinated with another product (competition) but neither the product's name nor the vaccination date (and booster) is known. About 3 months after the vaccination, the dog showed incorrective ounting and rate episodes of distinct. The dog was treated with fluid therapy, antelmetics, antibiotics, gastroprotectors products and recovered after 10 days. The laboratory analysis (PCI) resulted positive for Parivorius, strain typing is running. Walling for the results of the analysis. 221Ut 2016 POLLOW UP: No further information received, case closed. Popolyskus General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophy</td><td>Jack Russell Terrier r</td><td>6.2</td><td>NOBINAC CEPPI SOXIDS 360 - 1.N/AN/A, JO.1, mil (08/02/2016- 08/02/2016)-GBR-SBR-NOBINAC L4 SOXIDS 543 - 1.N/AN/A, JO.1 in (08/02/2016-08/02/2016)-GBR>-GBR></td><td></td><td></td></b<>	R-vB Lack of efficacy >Yes	No Data	Suppercial clack of expected efficacy; on 8 february 2016 the veterinarian vaccinated the dog with Nobbac CEPP and Nobbac LL. The dog was previously accinated with another product (competition) but neither the product's name nor the vaccination date (and booster) is known. About 3 months after the vaccination, the dog showed incorrective ounting and rate episodes of distinct. The dog was treated with fluid therapy, antelmetics, antibiotics, gastroprotectors products and recovered after 10 days. The laboratory analysis (PCI) resulted positive for Parivorius, strain typing is running. Walling for the results of the analysis. 221Ut 2016 POLLOW UP: No further information received, case closed. Popolyskus General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophylaxis General: LEPPO*4(ET, CAM, GRIP-BRAT) KS. Branz: NOBVAC L4 SOXIDS 543 Reason: Pophy	Jack Russell Terrier r	6.2	NOBINAC CEPPI SOXIDS 360 - 1.N/AN/A, JO.1, mil (08/02/2016- 08/02/2016)-GBR-SBR-NOBINAC L4 SOXIDS 543 - 1.N/AN/A, JO.1 in (08/02/2016-08/02/2016)-GBR>-GBR>		
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00109	Italy	Animal	Canine/dog	14 Year(s)	24/05/2016	06/06/2016	1 1	0 25/05,	2016 Yes	Acute renal fallure-typerglycaemia, Elevated creatinine, Elevated creatinine, Elevated ALT, Uraemia, Anorexia, Vomiting	No Data	Sapported severe adverse reactions on 24 may 2016 the vesterinarian succinated the dag with Noblace It All phosons varictions, first varicantian administered on month before, with Noblace ICE without any problem). The dag has a nitrial regargitation levell compensated without any treatment and is affected by Leishmanianskip for tearment in place 1.3 Bhosas after the vaccination, the dag showed womiting and anorwals. On 27 may 2016 the vesterinarian performed the blood analysis, that revealed highevels of glooce, creatinine, BMV, Taxananianse (ATT) the vesterinarian disposed an acute kindle failure and administrated prediction, fluid therapy, furosenside and doxycycline. From 4 Line 2016, the doxycycline, beloe replaced with Regen Beexplicentialing recrains and disportate production sufficient. The dag is still under treatment, his condition is unchanged. No further information expected, case closed. [Reason for use for product; Generic LEPTO*40(CT_CAM_GRIPP,BRAT) ISI Brant: NOBINKC L4300ID553 Reason Pophylaxis) [State of health Good]	Crossbred	7	NOBIVAC L4 50X1DS 543 1,N/N/N/A, 24,1 Dose (24/05/2016- 24/05/2016/>BR> 	B - Possible	Temporal association and signs with vaccination.

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NOBIVAC L4	ITA-MERCKMSD-2016-IT-00123	Italy	Animal	Canine/dog	2.5 Year(s)	26/05/2016	09/04/2018	1 1	1 05/0	/2016 Yes	Leucocytosis. Vomiting. Hepatitis, Ja ndice, Death Appetite loss, Malaise, Disorder of red blood cell NOS Pancreatitis, Hyperphosphata mia, Elevated total billrubni, Elevated gamma-glutamyl transferase (GGT). Hypernatremia	e	Suspected adverse reaction: on 23 April 2016 the puppy was vaccinated with Noblace L4 and revaccinated on 26 May 2016. I doly after the dog showed general malaise with kcl of appetite and voniting (thick and frothly). In the following 2-3 days the voniting worsened (the dog vonited the water, also) and the upppy had justiced micross. On 81 June 2016 the following analysis were performed: billiubin 5.8 mg/di, alikaline phosphatase 210 mg/di, phosphorna 2.8 mg/di, solidim 137 mc/di, HT 52 (5), MWC 5.4 t) L076 billiumin 217 mc/di, (HT 52), 76), God 77 (IU/L) bile acids 30 billiumin 34 mg/di, alikaline phosphatase 216 mg/di, HCT 62,7 (6), God 77 (IU/L) bile acids 30 billiumin 34 mg/di alikaline phosphatase 216 mg/di, HCT 62,7 (6), God 77 (IU/L) bile acids 30 billiumin 34 mg/di alikaline phosphatase 216 mg/di, HCT 62,7 (6), God 77 (IU/L) bile acids 30 billiumin 34 mg/di alikaline phosphatase 216 mg/di alikaline phosphatase 216 mg/di alikaline phosphatase 216 mg/di alikaline phosphatase 316 mg/di alikaline phosph	Chihuahua	Not Known	NOBINIC L4 SOXIDS 543 - L 1,1/N/N/A 24.1 Deve (26/05/2016- 26/05/2016) 	D1 - Inconclusive	Vaccination cannot be ruled out completely even the advence events are not known to vaccination. No further investigation.
	ITA-MERCKMSD-2016-IT-00186	Italy	Animal	Canine/dog		30/07/2016	04/08/2016	4 1	1 30/0	R> 		y No Data	Saspected adverse reaction: on 30 July 2016 the veterinarian vaccinated 4 puppies with Nobbac CEP and Nobbac LE. Pours later, one pupp showed neurologic and metablos lissing (not described) hypothermia and respiratory crisis and died 5 hours later. No further information expected, case closed. [Reason for use for product. Ceneric: CIPPFI L VB and NOBINAC CEPP SOUIDS 306 Reason: Prophylavis Generic: LEPTO*4(CT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 SOXIDS 543 Reason: Prophylavis [State of health: Good]	Chihuahua		NOBIVAC CEPPI 50X1DS 360 - 1.N/AN/A 24,1 Does Not applicable 1.Animal (30)07/2016- 30/07/2016\-BR>-BR>NOBIVAC LI4 50X1DS 543 - 1N/AN/A 24,1 Dose Not applicable 1 Animal (30/07/2016-30/07/2016\-BR>-BR>	A - Probable	Probable hypersensitivity reaction, even if two products were admnistered.
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00238	Italy	Animal	Canine/dog	2 Year(s)	22/09/2016	02/11/2016	1 1		/2016 Not Known, > Known, SR> KBR> RNO, SR> KBR> KBR>	MR- membrane, Constipation, Appetite los, Hyperthermia, Depression, imm to me mediated haemolytic anaemia, Hyperphosphataemia, Fle ated SAP, Decreased red blood cell count, Abnormal red blood cell	Other	Supercited adverse reaction on 27 September 2016 The veterinarian vaccinated the dog with Eurican CIrri Bidlacid in Noblacut. A About 15 days later, the dog showed hyperthermia and constipation, and was treated with antipyretic, only, on 13 October 2016 the dog was visited by the veterinarian for depression, lack of appetite, constipation, pale mozase, hyperthermia (13 8.7%), jedenonagely, After having performed the Blood analysis (not available), the veterinarian diagnosed a haemolytic auditionium can amenia and starter the aministration of contisco. On 24 October 2016 the dog was visited by another veterinarian who carried out the Blood analysis, revealing a severe anaemia: RBC 0.554.0°6/gl, PL 7.504.0°5/gl, AP 25 0.0°5.0°6/gl, AP 25 0.0°6/gl, AP 25	Shetland Sheepdog	8.4	Antipyeric Unkinown - N/AN/AN/A 22-Unknown (27 pay) (60:1/02/05 00/11/2016-685-885-Eurican CHP - 1.N/AN/A, 24.1 Does Not applicable 1.4emml (22/09/2016- 22/09/2016-885-886-WOBWAC L4 50XIDS 543 1-N/AN/A, 24.1 Does Not applicable 1.4emml (22/09/2016-22/09/2016)-885-887-	B - Possible	CA agrees with the MAH's assessment.
	ITA-MERCKMSD-2016-IT-00249	Italy	Animal	Canine/dog	3 Month(s)	07/11/2016	08/11/2016	1 3		/2016 Yes, BR	res	No Data	Supercial adverse reaction on 7 November 2016 the veterinarian vaccinated the puppy with Nobiax CP diluted in Nobiax L. 30 minutes lact, the dog Showed Recial codema. The veterinarian administered Decamethasone and the dog recovered in 60 minutes. No further information expected, case closed. [Reason for use for product: Generic: DEPL 97 Brand. NOBIAXC EPS 2010.5 360 Reason. Prophylaxis Generic: LEPTO*4[CT_CAN_GRIP_RRAT] XB. Brand: NOBIAXC L4 50XIDS 543 Reason. Prophylaxis [State of health; Good]	Chihuahua	1.2	NOBIVAC CEP 50X1DS 360 - 1,N/A,N/A, 24,1 Dose (07/11/2016- 07/11/2016) BR> NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose 	B - Possible	Possible hypersensitivity reaction, even if two vaccines were administered concurrently and any of them could be a possible cause.
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00251	Italy	Animal	Canine/dog	2 Month(s)	07/11/2016	09/11/2016	5 3	3 0 07/1:	/2016 Yes, BR		No Data	Supercial adverse reaction on 7 November 2015 the veterinarian vaccinated 5 puppies of the same liter with Noblace, CEPF diduction in Noblace 1.2 days later, 3 puppies showed setures, mucous diarrhose, uncoordinated movements. The puppies are under treatment with Amosicillin-clauvianic acid, cortisone, sulfum, fluid therapy, 1 puppie improving, 1 puppie is stationary, the last one is in severe conditions. The mother is MMR positive. No further information expected, case closed. [Resoun for use for product: Genetic LEPFO*4(ETC.PML/REP.BRAT) RIS Branch ROBINVA. IS 548 Resoun. Prophylasis Genetic DHPPI LV Brand: NOBINVA. CEPPI 50X1DS 360 Reason:	Australian Shepherd Dog	5	1,N/A,N/A,24,1 Dose Not applicable 1 Animal (07/11/2016- 07/11/2016) -BR> NOBIVAC L4 50X105 543 - 1,N/A,N/A,24,1 Dose 	01 - Inconclusive	No temporal association, or further investigation available, two product were administered.
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00259	Italy	Animal	Canine/dog	5 Year(s)	03/11/2016	01/12/2016	1 1	1 04/1:	/2016 Yes, <br< td=""><td><b death<br="">fes</td><td>No Data</td><td>Supercited severe adverse reaction: on 3 November 2016 the veterinarian vaccinated the dog. The owner informed the veterinarian that the dog ded during the following night. No symptoms described no further analysis performed. No further information expected, case closed. [Reason for use for product: Generic DIPPE IV St mark ONSWIAC CEPPS 20015 380 Reason: Prophylaxis Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L45 SOXIDS 543 Reason: Prophylaxis [State of health: Good]</td><td>Affenpinscher</td><td>2.5</td><td>NOBIVAC CEPPI 50X1DS 360 - 1,N/AN/A, 24,1 Dose Not applicable 1 Animal (03/11/2016- 03/11/2016-08Px-BBX-DBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose 1 Animal (1 Day(s) 03/11/2016- 03/11/2016/BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX</td><td>D1 - Inconclusive</td><td>Close association in time but no further analysis performed, no sufficient information available to draw a conclusive assessment. Two products administered.</td></br<>	<b death<br="">fes	No Data	Supercited severe adverse reaction: on 3 November 2016 the veterinarian vaccinated the dog. The owner informed the veterinarian that the dog ded during the following night. No symptoms described no further analysis performed. No further information expected, case closed. [Reason for use for product: Generic DIPPE IV St mark ONSWIAC CEPPS 20015 380 Reason: Prophylaxis Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L45 SOXIDS 543 Reason: Prophylaxis [State of health: Good]	Affenpinscher	2.5	NOBIVAC CEPPI 50X1DS 360 - 1,N/AN/A, 24,1 Dose Not applicable 1 Animal (03/11/2016- 03/11/2016-08Px-BBX-DBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose 1 Animal (1 Day(s) 03/11/2016- 03/11/2016/BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX-BBX	D1 - Inconclusive	Close association in time but no further analysis performed, no sufficient information available to draw a conclusive assessment. Two products administered.
NOBIVAC L4	ITA-MERCKMSD-2016-IT-00260	Italy	Animal	Canine/dog	18 Month(s)	07/11/2016	14/02/2017	1 3	0 07/1:	/2016 Yes	Vomiting.Reddening of the skin,Facial oedema	No Data	Supercted adverse reaction on 7 November 2016 the veterinarian vaccinated the dog with Noblouc L4.9 Ominutes later, the dog showed vorniting, facial oedemic nosep and referes of addomen and lower part of the neck. The dog was treated with prednisolone 5 mg and recovered within 10 hours from the vaccination. No further information expected, case closed. Reason for use for product: Generic: LEPTO*4[CT,CAM,GIIIPP,BRAT] XB Brand: NOBIVAC L4 50XID5 543 Reason: Prophylaxis IState of health's Camer C	Crossbred	8.9	NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose 1 Animal (07/11/2016-07/11/2016) BR> 	A - Probable	Probable hypersensitivity reaction.
NOBIVAC L4		Italy	Animal	Canine/dog	,	13/01/2017	01/02/2017	1 1	0 14/0:		Epileptic seizure	No Data	Supercted adverse reaction on 13 annuny 2017 the veterinarian vaccinated the dog with Nobivac L4. 24 hours later, the dog showed an eligible: like circle, listing for some mintex. 24 hours later (15 january 2017), another crisis, shorter duration. The first vaccination, one month before, did not cause any problem. No florther information nother available nor expected, case colora. (Reason for use fo product: Generic: LEPTO*4QFC,CAV,GRIPP,BRAT) KB Brand: NOBIVAC L4 SOXIDS 543 Reason:	Crossbred	18	1,N/A,N/A ,24,1 Dose Not applicable 1 Animal (13/01/2017- 13/01/2017) 	O1 - Inconclusive	The time to onset is not very suggestive of an effect of the administration and the available information is insufficient to assess the case.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00010	Italy	Animal	Canine/dog	11 Week(s)	14/01/2017	02/05/2017	1 1	0 14/0:	/2017 Yes, <	e Septic arthritis, Flaccid paralysis, Lameness	No Data	Saspected adverse reaction: on 14 annuary 2017 the veterinarian vaccinated the dog with Noblava CEI and Noblava CEI. In the right side of the med. 3-4 hours later, the dog showed a lameness at the right front legs quickly followed by flaccid paralysis. The veterinarian diagnosed a septic Arthrosynovitis an administered arthrostors and anti-inflammationes. After 2 hours of treatment the dog is still showing the paralysis but his general conditions are good. No further information expected, case closed. PROLLOW DP 28 January 2017 The owner refers that later 1 week of treatment the dog was improved and the signs at the right front leg disappeared. Nevertheless, from 27 January the dog is showing severe lameness at the left front leg. (Bession for use for product: Generic: LEPTO*4(CT.CAN,CRIPP SIAR) 16 Brand MORIVAC LEPTO*5.	Australian Shepherd Dog		NOBINAC CEP IDXIDS 360 - L\N/A/N/A 241 Dose 1 Animal (14/01/2017- 14/01/2017-RR>-CBR>NOBINAC L4 10XIDS 543 - 1,N/A/N/A 24,1 Dose Not applicable 1 Animal (14/01/2017-14/01/2017)-GBR>-CBR>	02 - Unclassified	Time association with vaccination, but many other causes occurred.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00024	Italy	Animal	Canine/dog	4 Month(s)	31/01/2017	10/02/2017	1 1	0 31/0:	/2017 Yes, BR R> 	+>= hyperactivity,Falling,Unable to fes stand,Ataxia,Muscle tremor,Glazed eye	No Data	Supercial adverse reaction on 31 insury 2017 the veterinaries vaccinated the dog with hobivac CEPR and hobiva. L. Some time (not specified) the dog showed alternating hyperactivity facing and jumping vertically) and attain with remore, gate, unable to stand and falling down. The veterinarian administrated controls on a final that brang and the dog recovered in facurs. Not further information expected, case closed. [Reason for use for product. Genetic CHPPI LV Brandt NOBIVAC CEPP SOXILOS 360 Reason: Prophylasis [State of health. Good) SOXILOS 543 Reason: Prophylasis [State of health. Good)	Bull Terrier	6	NOBIVAC CEPPI 50X1DS 360 - B 1,N/AN/A, 24,1 Dose Not applicable 1 Animal (31/01/2017- 31/01/2017/sBR> NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (31/01/2017-31/01/2017)-BR> 	B - Possible	Association in time. Hypersensitivity reaction. Two products administered.
NOBIVAC L4		Italy	Animal	Canine/dog	4 Month(s)	07/02/2017	14/03/2017	1 1	0 09/0:	/2017 Yes, BR R>BR>BR>		No Data	eagested adverse reaction on 7 February 2017 the veterination succinated the dag with hobbac CPPP and Noblack L.G. Of sethanay 10 the dag showed anomato, on 31 February 2017 the veterination support of the property of th	French Bulldo	g Not Known	1,N/A,N/A,24,1 Dose Not applicable 1 Animal (07/02/2017- 07/02/2017-BR> >NOBIVAC L4 50X1D5 543 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (07/02/2017-07/02/2017)-BR> 	01 - Inconclusive	Association in time with the vaccination, but the signs seem due to the hydrocephalous. Two products administered. No futher information available.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00039	Italy	Animal	Canine/dog	3 Year(s)	28/02/2017	20/04/2017	1 1	0 28/0:	/2017 Yes, BR		No Data	Suppected adverse reaction: on 28 February 2017 the veterinarian vaccinated the dog with Nobivac CEPP and Nobivac L4 (amusal vaccination). About 1,5 hour later, the dog showed facial and neck swelling, progressively worsened, and dognose. The dog was treated with methylendrisobne and fluid therapy, and fully recovered after 24 hours. No further information expected, case closed. [Reason for use for product: Generic OPPIPI LV Brand: NOBIVAC CEPP SOXIDS 360 Reason: Prophylavia Generic: LEPTO*4(IFT,CAM_GRIPP_BRAT) KB Brand: NOBIVAC L45 SOXIDS 543 Reason: Poorbulavial (State of health: Good of health Good).	French Bulldo	g 8	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (28/02/2017- 28/02/2017)*6R%~6R%-NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 24,1 Dose 1 Animal (28/02/2017- 28/02/2017/18R%~6R%	A - Probable	Probable hypersensitivity reaction, even if two products administered.

NOBIVAC L4	ITA-MERCKMSD-2017-IT-00041	Italy	Animal	Canine/dog	3 Year(s)	28/02/2017	17/03/2017	1 1	0 03/03/20:	R×BR>Yes	Dullness,Head tilt - ear disorder,Neurological symptoms NOS,Disorientation	No Data	Saspected adverse reaction: on 28 February 2017 The veterinarian has succinated the dog with Nobiwa CEPF and Nobiwa C. Idamual vaccination). About 3 days late; the dog showed neurological symptoms: head turned to one side, disorientation, duliness. The dog was not treated and the situation is improving. Ogo recovered after 5 days. No further information expected, case closed. [Reason for use for product: Generic: DIPPRI LV Brand: NOBIVAC LEPPI SXXIDS 360 Reason: Prophylaxis Generic: LEPTO*QUIC_CAM_GRIPP.BRAT] XS Brand: NOBIVAC L4 SXXIDS 543 Reason: Prophylaxis [State of health: Fair]	Bulldog	19	NOBIVAC CEPPI SOXLIDS 360 - 1,N/A,N/A, 2.4,1 Dose Not applicable 1 Animal (28/02/2017- 28/02/2017\cdot RR-\cdot RR-NOBIVAC L4 SOXLIDS 543 - 11/A,N/A, 2.4,1 Dose Not applicable 1 Animal (28/02/2017\cdot RR-\cdot	•	No associative in time. No further investigation. Not classifiable with the knowledge at the moment. Two products administered.
	TTA-MERCKMSD-2017-IT-00042	Italy	Animal		2.5 Year(s)	06/03/2017		1 1	1 06/03/20:	R> Yes	Pale mucous membrane_Anaphylaxis, Walking difficulty, Generalised weakness, Death	No Data	Suspected adverse reaction: 10 minutes after administration of the vaccines, the dog showed weakness, inability to walk, pale mucous membranes. The dogs was treated immediately with dexamethasone 0.1 mg/kg and fluid therapy. After about 1 hour the dog showed improving conditions: the dog was still dipressed but alse to waik without problems. The veterinary sent in homes, but at night there was a recurrence of the same symptoms. The owners decided to bring him urgently to another vet clinic, where fluid therapy was administered to the dog but the dog deet (if hours after vaccination). No further information expected, case closed. (Reason for use for product: Generic DMPFI LV Branch MORIVAC CERP SIGNISS 360 Reasons Pophylasis Generic: LEPTO*4(ICT.CAM.CRIPP.BRAT) XB Brand: NOBIVAC L45 SOXIDS 543 Reasons: Prophylasks] [State of health: Good!]	Maltese	4	1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (06/03/2017-06/03/2017-06/03/2017-06/03/2017-06/03/2017-06/03/2017-06/03/2017)>BR> Not applicable 1 Animal (06/03/2017-06/03/2017)>BR> CR>	Possible	Probable anaphylactic shock. Two products administered.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00083	Italy	Animal	Canine/dog	3 Year(s)	05/04/2017	18/04/2017	1 1	0 05/04/20	17 Yes	Drooling,Disorientation,Ataxia,Diarr hoea	n No Data	Suspected adverse reaction: on S. April 2017, the veterinarian vaccinated the dog with Nobiac (4. 30 minutes later, the got showed a taxia, dooling, distribute, instability and discrientation. The veterinarian administered fluid therapy (Ringer lattate) and cortisone (Dexamethasone 5 mg). After 1 hour all the physiological functions were normal and the dog fully recovered after the next hour. No further information expected, case of other Gorpoduct: Generic (EEPTO*4(GTC,CAN,GRIPP,BRAT) XB. Brand: NOBIVAC L4 10X1DS 543 Reason: Prophylaxis] (State of health: Canoli.	Golden Retriever	27	NOBIVAC L4 10X1DS 543 - 1,N/A,N/A,10,1 ml 1 Animal (05/04/2017-05/04/2017) 	Probable	Probable anaphylactic reaction.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00096	Italy	Animal	Canine/dog	4 Month(s)	20/04/2017	02/05/2017	1 1	0 20/04/20:	17 Yes	Decreased heart rate,Pale mucous membrane,Vomiting,Anaphylaxis,D epression	No Data	Sapected adverse reaction: on 70 April 2017 The veterinarian vaccinated the dog with Nobback LA About 10 minutes late; the dog showed vomiling and depression, puller mucosa is practicardia. The veterinarian administrated contisone by Im. way and fluid therapy by Iv. way and the dog recovered in 20 minutes. No further information sepacted, case closed. [Reason for use for poduct. Generic: LEPTO*QICT_CAN_ORIPP_BBAT) XB. Brand: NOBIVAC L4 10X1DS 543. Reason: Prophylaxis]. [State of health: Good!]	Crossbred	6.2	NOBIVAC L4 10X1DS 543 - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (20/04/2017- 20/04/2017) 	Probable	Probable anaphylaxis reaction.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00106	Italy	Animal	Canine/dog	18 Month(s)	28/04/2017	09/05/2017	1 1	0 28/04/20:	17 Yes	Facial oedema	No Data	Sapected adverse reaction: on 28 April 2017 the veterinarian vaccinated the dog with Nobbac 14. 15 multius later, the gol howed facial ocean, and the veterinarian administer embrylorediscioner, and the veterinarian administer embrylorediscioner in gin. and frincet tablest 1 mg/g b. w. Reaction regoing at the time of reporting (8 hours after the vaccination). No further information expected, case closed, Reason for use for product: Generic LEPTO*QICT.CAM/QRIPP_BRAT) XB Brand: NOBIVAC L4 SOXIDS 543 Reason: Prophylaxis] (State of health: Coop)	Shiba Inu	10	NOBIVAC L4 50X1DS 543 - 1,N/A,N/A,24,1 Dose Not applicable 1 Animal (1 Day(s) 28/04/2017- 28/04/2017) 	Probable	CA is agree with MAH's assessment.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00161	Italy	Animal	Canine/dog	3 Month(s)	30/05/2017	14/06/2017	1 1	0 30/05/20:	I7 Yes, <e R> Yes</e 	Pulmonary oedema	No Data	Sapected adverse reaction: on 30 May 2017 the veterinarian vaccinated the dog with Nobius CEPPI and Nobius CL. 3 Pours later, the dog showed judinousy nodemin to significancined. The veterinarian administered Rapideson (deszamethasonel) and furosemide and the dog recovered the day after (31 may 2017). No further information expected, case closed. [Reason for use for product: Generic: DIPPI IV Brand: NOBIVAC CEPPI SOXIDS 360 Reason: Prophylaxis Generic: LEPTO*4(ICT.CAM,GRIPP.BRAT) KB. Brand: NOBIVAC L4 SOXIDS 543 Reason: Prophylaxis [State of health: Good]	Chihuahua	2	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 2.4, 1 Dose Not applicable 1 Animal (30/6)/2017 - 30/05/2017+GRS-GRS-NOBIVAC L4 50X1DS 543 - 1,N/A,N/A, 2.4, 1 Dose Not applicable 1 Animal (30/05/2017-30/05/2017) RRS-GRS-	Possible	CA agrees with MAH's assessment.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00222	Italy	Animal	Canine/dog	3 Month(s)	13/07/2017	26/10/2017	1 1	1 13/07/20	17 No, <br≻<br≻<b R≻ No</br≻<br≻<b 	Death	Other	Sapected adverse reaction on 13 My 2017 the veterinarian vaccinated a 3 months oid pupp with Nobibac L4 and Veterian place IPRP (second dose). The dop was vaccinated in the morning after chincal examination. The vet administrend VERSIGA PLUS INPRI-NEDMAL L4 mixing the two products in the same syrings. I minutes after vortication, the dop was discharged. After boat 30 minutes per counter came back to the clinic with the puppy died. The per covere drift allow the autopsy of the pagps, No Signs described, the owner doesn't agree in performing the autopsy, for untrive information expected, case closed. [Reason for use for product. Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) xis Banch NOBINA_L5 SIGNISS 543 Reason: Prophylaxis Generic: Band: VERSICAN PLUS DIPPI Reason Unknown.] [State of health: Unknown].	Crossbred	2.4	NOBINAC L4 SOXIDS 543 - 0 - 1\(\)\A/\(\)\A/\(\)\A/\(\) A 1- \(\) bose Not applicable lui laimal (13/07/2017 - 13/07/2017 -	nclassifiable/unassessa a	Two vaccines administrend mixing the two product in the same syrings, information availables on the dog's death are insufficient to draw definite conclusion. The animal owner did not give permission to perform an authopsy.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00253	Italy	Animal	Canine/dog	3 Month(s)	07/09/2017	22/09/2017	1 1	0 07/09/20:	I7 Yes, BR>E R>EBR>BR>Yes	Circulatory collapse (see also 'Neurological' and 'systemic disorders'), Yomiting, Urine leakage, Localised itching, Anaphylactic shock	No Data	Supected advertise reaction: On 7 September 2017 the veterinarian vaccinated the dog with Nobivac CEPP and Nobivac L4. 20 minutes later, the dog showed an anaphylactic shock with vomition acridovascular collage, urinary incontinence, followed by facilia ching. The arimal was administered with cortisone by e.v. way, fluid therapy, predinisolone by s.c. way. The symptoms disappeared 2 hours later, except for the facil alching that lasted for a further hour. Mo further information expected, esse closed. [Reason for use for product: Generic: DIPPPI LV Brand: NOBIVAC CEPP 5001D5 360 Reason: Prophylassis General: EEPTO*4[CT,CAN,GRIPP,BRAT] KB Brand: NOBIVAC L4 50X1DS 543 Reason: Prophylassis [State of health: Good]	Akita	12	NOBIVAC CEPPI 50X1DS 360 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (1 Day(s) 07/09/2017- 07/09/2017)-GRRBR>NOBIVAC L4 50XLDS 543 - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (1 Day(s) 07/09/2017-07/09/2017)-BR>-BR>	Possible	Probable hypersensitivity reaction; two ptoduct administered.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00257	Italy	Animal	Canine/dog	Not Known	16/09/2017	05/10/2017	1 1	1 16/09/20:	17 Not Known,
 Not Known</br 	Itching,Anaphylactic shock,Death	Not Known	Sapected severe adverse reaction: The case has been reported by the attending veterinarian to a Company's employee, no report available from the veterinarian v.On 15 September 2017 the veterinarian vaccinated the dog (age unknown) with Nobbac CEPPI and Nobbac Lepto. 3 minutes later, the dog showed intense liching: no other symptoms referred. The veterinarian suspected an anaphylactic shock so administered the necessary threapy (not described), but despite the treatment the dog delt. No further information expected, case closed. [Reason for use for product: Generic: DMPPI LV Branch NOBIVAC CEPP SOLOTIOS 306 Reasons Polyphasis Generic: LEPTO*QLIC_CAN_GRIPP_BRAT XB_Brand: NOBIVAC L4 SOXIDS 543 Reasons: Prophylaxis] [State of health: Canoli.	Pug	5	NOBINAC CEPPI SOXLIDS 360- 1,N/A,N/A, 2.4,1 Dose Not applicable 1 Animal (1 Day(s) 16/09/2017- 16/09/2017\-BR-SBR-NOBINAC L4 50XLIDS 543 - 13/A,N/A, 2.4,1 Dose Not applicable 1 Animal (1 Day(s) 16/09/2017-16/09/2017)\-BR-SBR-	Possible	CA agrees with MAH's assessment.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00264	Italy	Animal	Canine/dog	2 Month(s)	19/09/2017	10/10/2017	1 1	0 19/09/20:	17 No, SRX>BR> BR>Yes	Injection site itching.Circulatory collapse (see also Neurological' and 'Systemic Giorders') Urine leakage, Yomiting, Anaphylaxis, Invol untary defecation	No Data	Supercial allevier reactions on 105 September 2012 The veterinarian vaccinated the 2-month-old day using simultaneously Mohious CEPP and Robbies of Le Mohiou Cele (Part Debut else for Nobbies CEPP) because the recommended ministrum age is 12 weeks if given together with Nobbies L.1.5 minutes later, the day showed thicking at the injection sits and then collapsed, losing urine and faces, and vontiling. The veterinarian instabilities of good and administered fluid therapy and prediscione (1 mg/kg). The day recovered consciousness is about 20 minutes, but showed against one adjoered inching for some minutes. No further information expected, case closed. [Reason for use for product: Generic: DRPPI US Brand. NOBLYAC CEPPS SOURS 500 Reason: Prophylaxis (Seneric: LEPPS CHICT, CAN, GRIPP, BRAT) XB Brand. NOBLYAC L4 SOXIDS 543 Reason: Prophylaxis [State of health: Good]	Golden Retriever	7	NOBIVAC CEPPI SOXIDS 380 - 1,1,1/A/2,1,Dose Not applicable 1 Animal (1 Dayl) 3/190/2017 - 19/09/2017;GRS-GRS-NOBIVAC L4 SOXIDS 543 - 1,1/A/ 2,4 1 Dose 1 Animal (1 Dayls) 13/09/2017 - 19/09/2017;cRR-cBR-	Possible	CA agrees with MAPI's assessment.
NOBIVAC L4	ITA-MERCKMSD-2017-IT-00294	Italy	Animal	Canine/dog	2.5 Month(s)	21/10/2017	07/11/2017	1 1	0 21/10/20	17 Yes, <e R> Yes </e 	Pale mucous membrane.Vomiting.Recumbency	No Data	Saspected adverse reactions On 21 October 2017, the dog was vaccinated by the veterinarian with the two vaccines and then the antiginarities product. 5 minutes after the administration of the 3 products, the dog first vomited, then fell to the ground without losing its senses, with greysh mucous membranes, normal temperature. The veterinarian immediately give her oxyper for about 15 minutes. The dog then recovered completely and it has no symptoms anymore. No other information expected, case closed. [Reason for use for product Generic DPPL SPARM NOBINAC ESPOIDS 360 Reasons Prophylaxis Generic: LEPTO*4[ICT.CAN.GRIPPBBAT] XB Brand. NOBINAC L4 SOXIDS 543 Reason: Prophylaxis Generic: Brand: FRONTLINE TRIACT Reason: Ectoparasitic control] [State of health: Good]	Crossbred		FRONTLINE TRIACT - 1.N/A,N/A 24.1 Vial/Ampoule(s) 1 Animal (21/10/2017- 21/10/	Possible	Association in time with the veccination. Possible working and the vector of the vecto

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NOBIVAC L4	ITA-MERCKMSD-2017-IT-00307	Italy	Animal	Canine/dog	6 Year(s)	13/11/2017	12/04/2018	1	1 0	14/11/2017	Yes, Yes	Vomiting_Circling - neurological disorder: (see also "Behavioural disorders", Unable to stand, Anoreka, Hyperthermia, Redu ced response, Droopy lower lip,Depression	No Data	Suspected adverse reaction: on 13 November 2017 the veterinarian vaccinated the dog with Nobbac CEPR) (administed in previous years) and Nobbac L (Brit Administration), Shorthy after the vaccination (time en ort specified), the dog showed hyperthermia (41°C) and lethary. On 16 Novembe 2017 the veterinarian visited the dog that showed neurological signs: stagepring and walking in cricle. Today 17 November 2017 the dog is still showing the walking in cricle, annexela and lip priosis. No information available about the treatment if any) of ruther analysis. Walting for the complete report from the veterinarian. POLLOW UP & DECEMBER 2017: The following information has been seen with the complete report: on 13 November 2017 the veterinarian vaccinated the dog with Nobbac CEPP and Nobbac LE. 24 hours after the vaccination, the dogs showed anorexis, depression, hyperthermia, vomiling. 27 loss after the vaccination, the dogs showed anorexis, depression, hyperthermia, vomiling. 28 hours after the vaccination in the dogs showed anorexis, depression, hyperthermia, vomiling. 27 loss after the vaccination the following sign separed: walking in crick, usake to usknown. No further information expected, case closed. [Reason for use for product. Generic ENPT UP and Nobbac CEPP SOURCE SOR Beason: Prophylaxis] [State of health; Good]	Golden Retriever r t	41	NOBINAC CEPPI SOXIOS 360 - 1,1/N/A/N_2.4.1 (Dose Not applicable 1. Animal [1 Day(s) 13/11/2017 - 13/11/2017-88-18-80-1001/AC 50XIDS 543 - 1.N/A/N_2.4.1 Dose Not applicable 1- Animal [1 Day(s) 13/11/2017-13/11/2017)	B - Possible B - Possible	Anorexia, Vormiting, Depression and a translent rise in body temperature on be seen after vocarisation. There is a short time to onset. ABON B Neurological dispirations of the seen and seen after vocarisation (3 days). Nevertheless the neurological observed signs and ost specific for vocarisation and could be due to different causes. No analysis or neurological visit results available at the moment, two products administered, so the assessment is inconclusive ABON OL Overall ABON & Chargeses with the Mary assessment. Two products administered, insufficient information to draw a definite conclusion.
	ITA-MERCKMSD-2017-IT-00332	Italy	Animal	Canine/dog		04/03/2017	21/12/2017	1		12/03/2017	R> Yes	Injection site pain,Encephalitis,Anorexia,Hyperth ermia	No Data	Saperted adverse reaction on of March 2017 the veterinarian vaccinated the dog with Nobivac CEP and Nobivac LEO 12 March 2017, the dog showed hypertemia (40°C), pain at the injection site an anorexia. The veterinarian treated the dog with full office any and melosicam without any improvement. All the test performed by the veterinarian (Galdra, parovivins, Estimania), Anaplasma, Borrella, Erlickia, Rickettaia resulted negative. The veterinarian treated the dog with Annoycillin-Claudianci acid 25 mg/gle, by 810 for 10 days and Melosican OI mg/gls bw. with scars results. The exam of the cerebrospinal fluid and the CAT are compatible with immune-mediated meniogencephalisis. The veterinarian administered reherolicor 2 mg/gls bw. 439 for a month subsequently decreasing, till to the positive outcome after 4 months. No further information expected, case closed. (Beason for use for product: Generic DIPPI IV 18 rank NOBIVAC ELP SOXIOS 300 Reason: Prophylasis Generic LEPTO*4(TCTAN,GRIPP/BRAT) RB Band: NOBIVAC L4 SOXITSS 530 Reason: Prophylasis Carefor: LEPTO*4(TCTAN,GRIPP/BRAT) RB Band: NOBIVAC L4 SOXITSS 543 Researce prophylasis (Stank of Path): Islandon of the scars		5	NOBINAC CEPPI SIXLIDS 360 - 1./A,A/A, 24,1 Dose Not applicable 1. Animal (0.4/03/2017 - 0.4/03/2017	B - Possible	CA agrees with MAH assessment.
NOBIVAC L4	ITA-MERCKMSD-2018-IT-00003	Italy	Animal	Canine/dog	11 Year(s)	15/07/2017	25/01/2018	1		01/12/2017	Yes, <b R> Yes</b 	Death, Lack of efficacy	No Data	Suppercial lack of expected efficacy on 23 July 2016 the veterinarian vaccinated the dog with Nobac CEPR and Nobbac 4. Booster vaccination on 23 Julys 2016, last annual vaccination in lay 2017 (chosen 15 July 2017 for data entry). In December 2017, nonspecific gastrointestinal signs appeared (not described), the veterinarian started a therapy with antibotics. The laboratory exam resulted positive for teptospira Australia Seroura frastisalva (14500) and teptospira gloryphysioas serour gripotyphosa. On 3 January 2018 the dog ded. No further information expected, case closed. [Reason for use for product: Genetic LEPTO*4(LFC/AM, EMPRABAT) NB Branch NOBINVA. SOSINA. SSA REASON: Prophylasis Seroura for health Cool of the Standard NOBINVA. CEPPI SOXIDS 360 Reason: Prophylasis (Senetic DHPPI I.V Brand: NOBINVA. CEPPI SOXIDS 360 Reason: Prophylasis Genetic DHPPI I.V Brand: NOBINVA. CEPPI SOXIDS 360 Reason:	c Crossbred		NOBINAC CEPPI SOXIDS 360 - 1.N/A,N/A, 24,1 Dose Not applicable 1.Amian (15/07/2017 - 15/07/2017/sBR->BR-NOBINAC L4 50XIDS 543 - 1.N/A,N/A, 24,1 Dose 1.Amian (15/07/2017 - 15/07/2017)	B - Possible	A MAT title of 1: 800 or higher in a dog with symptoms compatible with helpospicos is condidered strongly suspected of disease. An increase in antibody titres of 4 times it is considered strongly indicative of infection.
NOBIVAC L4	TTA-MERCEMSD-2018-IT-00004	Italy	Animal	Canine/dog	4 Year(s)	04/12/2017	22/02/2018		1 0	08/12/2017	Yes	Vocalisation,Unable to stand,Musice spasm NOS,Abnormal posture NOS,Lateral recumbency, Muscle rigidity,Neurological symptoms NOS,Incoordination	No Data	Suspected adverse reactions the case has been reported by the owner to a company employee. The veterinarian who succinated the dog is not aware about that. The owner refers hat, 2-3 days after the vaccination with Nobbac L4, the dog had neurological symptoms. No further information provided, outcome unknown. No further information expected, case Goods, FLOLOW UP 24 JANILARY 2015. Report received from the veterinarian. The dog was succinated on a December 2017. 4 days after the dog showed: abornal posture, muscular orinariation, succondinated movements. The dog was high on the ground with his eyes wide open, muscular rigidity, unable to move, growling but conscious. About 30 minutes later, the dog started to walk normally. The servlogical analysis resulted with the normal range. The neurological visit and the performed tests: NMR, lapor analysis, decirconscipalogisty did not everalled any subnomality. No outher information expected, case electroencephalogisty did not everalled any subnomality. No outher information expected, case (SCCIO) and the subnormation of the subnormation and the subnormation of the subnormation	4	33	NOBINCA L4 SXXLDS S43 - J.N/A/N/A 24 100se Not applicable 1.Acimal (04/12/2017 - 04/12/2017)+BR>-BR>	O - Unclassifiable/unassessa ble	CA agrees with MAH's assessment.
	ITA-ZZELANCO-ITZ017_000055	Italy	Animal	Canine/dog	1.5 Year(s)	11/05/2017	22/08/2017	1	1 0	11/05/2017		Local swelling (not application site). Angioe dema	Not Known	Cinhainal female puppy microchip 380260100338628, born 22/01/2015, regularly vaccinated, 4.1 kg Brought to the vet inclin for normal vaccination (Noblouc Cepps) + 40 flainosis text and Gaudinia (D x sc.). Pervious prevention with Stronghold. After two and a half hours, the owner noticed some punic on the muzzle, into to get in the car to veterinarian (10 mil) and the dog Showed serious angioderna of the muzzle, camon open eyes, edema of the lips, throat, cheat and forehead. It responded to continone therapy, symptoms regressed quickly. (Reason for use for product. Exencit: Mosidectin Brand: Guardian SB injectable Reason: Heartworm prevention Generic: LEPTO*4(ICT.CAM/GENP PART) kills Frant's Obboxe L4500015-33 Reason: Pophylaxis Generic: selamectin Brand: Stronghold Reason: Parasite control] [State of health: Good]	nl	4.1	Guardian St Injectable - 2.VIA.NIA ,100.2 ml (1. Day(s) 11/05/2017- 11/05/2017):RBR-SBR-NoBovac CEPPI - 1,1,1 Years,24.NIA (1. Day(s) 11/05/2017- 11/05/2017- 11/05/2017- 11/05/2017- 11/05/2017- 11/05/2017- 11/05/2017- 11/05/2017-	B - Possible	Temporal association; symptoms known to be associated with the product. Three drugs administered.
	NL-BAYERBAH-2017-409776	Netherlands	Animal	Canine/dog	38 Month(s)	17/04/2017	24/05/2017	1	1 0	29/04/2017	Yes, <br R> Not Known</br 	Vocalisation, Folleptic Setture, Collapse, Geo also Cardio- vascular and Tystemic disorders), Eyes rolling back, Listless, Fatigue, Spasticity	Not Known	case received from NL authority, 105,2017 dog owner exports: On 2-Apr-2017 the owner applied Advents for dogs, 12-5 kg to a 3 years and 2 months old netweet defensely helpind (by weighing 13.4 kg. The reporter states that the product was applied as per label. On 2-Apr-2017 when waiking the dog, the animal collapsed, lay down in the grast. Regard to spit in keyes and make spastic movements. The dog was brought to a veterioration who treated the dog with Steoid recticle 2.5 ml, 10 mg. The reporter states that the veterinarian concluded that the signs were due to the treatment with Advanta was applied for the first time to the dog a month prior to 2-Apr-2017. Back then the owner noticed amoust behavior after application. At reporting day were due to the treatment with Advanta was applied for the first time to the dog a month prior to 2-Apr-2017. Back then the owner noticed amoust behavior after application. At reporting day. The 2-Apr-2017. Back then the owner noticed amoust behavior after application. At reporting day. The sharp was a complex of the day of the contraction of the dog and the sharp was a complex of the day of the contraction. The dog that already recovered when it was seen by the veterinarian. The veterinarian states the owner mentioned that dog showed immediately after the first and the second application of Advantix, the dog necesser a Robivac Lepto in beginning the meaning of the dog. The owner did not agree to perform further blood tests. The vet had advised the owner for product: Generic: imidaclopid; Permethrin Stanta. Advantix 250/1250, spot-on-oplossing voor honder. Researci. Imidaclopid; Permethrin Stanta. Advantix 250/1250, spot-on-oplossing voor honder. Researci. Imidaclopid; Permethrin Stanta. Advantix 250/1250, spot-on-oplossing voor honder. Researci. Imidaclopid; Permethrin Stanta. Advantix 250/1250, spot-on-oplossing voor honder. Researci. Imidaclopid; Permethrin Stanta. Advantix 250/1250, spot-on-oplossing voor honder. Researci. Imidaclopid; Permethrin Stanta. Advantix 250/1250, spo	g S	13.4	Advantia 230/1250, got-on opto-on opiosing woo nonder-1.N/A/N/A 2-1.pipette 1 Annimal (24/04/2017-24/04/2017-24/04/2017-24/04/2017-24/04/2017-24/04/2017-24/04/2017-24/04/2017-17/04/2017)	OI - Inconclusive	Reasonable association in time, Clinical signs (disclessness) partly fit the pharmacological/noixological profile of the product, thought time to ones it is quite long failigible; soluries are not mentioned in the product information of the VMP. However, stress and excitation and medication in general may possibly trigger an epileptic solurie in aminals with a low epileptogen level. Other causes are possible, but product involvement can not be fully excluded. Therefore 01-inconclusive
	NL-Intervet-2007-00066	Netherlands	Animal	Canine/dog	6 Week(s)	15/10/2007	20/11/2007	6	1 1	17/10/2007	Not Known,
 >BR> Not Known</br 	Anorexia, Death	Not Known	Trial with 6 w old pups. Vaccinated with N Puppy DP and N Leptotetra. Smallest pup sick at D 3 and died. PM: no cause of death.	Jack Russell Terrier	Not Known	Nobivac Leptotetra - N/A,N/A,N/A ,N/A,N/A (15/10/2007- N/A) -dBR>-Nobivac Puppy DP - N/A,N/A,N/A,N/A,N/A (15/10/2007- N/A) -dBR>-		
	NL-Intervet-2007-00067	Netherlands	Animal	Canine/dog	6 Week(s)	22/10/2007	20/11/2007	5	5 2	22/10/2007	Not Known,
 >BR> Not Known</br 	Injection site pain, Central nervous system disorder NOS, Lethargy (see also Central nervous system depression in 'Neurological'). Anorexia. Death	Not Known	Pags from trills with new vaccin Nobivac Leptotetra (pos contriol Nobivav Lepto). All pups after vaccination bit allow, anotesia and pain at injection site. Twp pups (Ix control, Ix trial) lethangy. Trialpup cerabrial attack for few minimizes. Despite treatment with saline both died. PM: no clear cause of death. Hypoglycaemia, sign of shock and excessive CI perfringers.	Not Applicabl	Not Known	Nobivac Leptotetra - N/A,N/A,N/A ,N/A,N/A (22/10/2007- N/A)&BR>-&BR>-Nobivac Puppy DP - N/A,N/A,N/A,N/A,N/A (22/10/2007- N/A)&BB>-&BR>-		
NOBIVAC L4	NL-NLASTP-Tensurin-20161117	Netherlands	Animal	Canine/dog	5 Year(s)	16/11/2016	17/11/2016	1	1 0	16/11/2016	Not Known,
 No</br 	Epileptic seizure	Not Known	A dag was treated with Tensurin tablets because of urethra splintcer incontinence paccording to the veterinarian the spointcer incontinence is due to the age of the dag and stellistication.) The dag is know to have egilepsy, but it no fur tented for epilepsy and had not had setures for a long time. Start tentement with Tensurin on 16-11-12016. The tablet was administered to the dag came home after visiting the veterinary practice (a vaccination L4 was administered during this vailt). Shorth after administration of Tensurin the dag bad an epilepsic settine, for the first time in month. Duration of seture: a few minutes There are several factors that could have triggered a convulsion: the owner thinks that it could be due to the stress from a visit to the veterinary practice. The owner has continued the treatment with Tensurin. The product is effective and the dog has not had any selsures automore.	Rhodesian Ridgeback	29	Nobivac L4, suspension for injection for dogs - N/A.N/A.V/A.24,1 Dose 1 Animal (16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - 16/11/2016 - N/A) - 16/11/2016 - N/A - 16/1	O1 - Inconclusive	Time to omest of clinical signs is compatible. Epileptic secultures are not mented on the protocol information of the VMP. However, stress and excitation and may oscibly trigger an elegistic seture in animals with a low epileptic pellure in animals with a low epileptic pellure in animals with a low epileptic pellure in animals with a low epileptic pellure. Other causes are possible, but product involved can not be fully excluded. Therefore O1-inconclusive

NOBIVAC L4	NL-NLBBD-2015-4234	Netherlands	Animal	Canine/dog	11 Year(s)	31/12/2014	08/01/2015	1	1	01/01/2015	Not Known,
 Yes</br 	Deafness,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	one day after vaccination sudden deafness and lethargic	German Shepherd Dog	31.2	Nobivac L4 - N/A,N/A,N/A, N/A,1 dose per animal (31/12/2014- 31/12/2014)-SBX-BR>Nobivac Pi - N/A,N/A,N/A,N/A,1 dose per animal (31/12/2014-31/12/2014)-SBX>BR>	O1 - Inconclusive	Close association in time. Deafness does not fit the pharmacological profile and is not likely to occur after vaccination, causality N. Lethargy is a known side effect after vaccination. Insufficient data, causality 01 for lethargy. Therefore overall classified as 01.
NOBIVAC L4	NL-NLBBD-2015-4375	Netherlands	Animal	Canine/dog	10 Year(s)	31/03/2015	08/04/2015	1	1	01/04/2015	Not Known	Distress,Anxiety,Restlessness,Hyper salivation	Not Known	One day after vaccination with Nobivac L4 the dog showed signs of severe restlessness, stress, hypersalivation and startle reactions. The signs lasted for 4 days.	Frisian Pointing Dog	20	Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,1 dose once (31/03/2015- 31/03/2015\cRP>cRP>	O1 - Inconclusive	There is a relation in time, but unkown if other factors could have played a role. Insufficient information to draw conclusions. Therefore causality O1.
	NL-NLBBO-2015-4494	Netherlands			4 Year(s)	25/02/2015	09/07/2015	1	1 1		R×BR×BR>Yes	Behavioural disorder NOS,Anaemia NOS,Pale mucous membrane,Paresis, Death,Alnormal test result,Pancytopenia		Case regorted by animal owner. On 25 February 2015, a shift trul (female, 4, years old, 7.8 lg BM) was vaccinated with Nobbox KC and Nobbox LE. A. According to Noveme, both were given as subclaimation in the control of the control	Shih Tzu		Nobbus K. TN/A/N/A/N/A/N/A Jose once nasily (25/02/2015) 25/02/2015)-ERFBB-Nobbus L4 SUSPENSION FOR INJECTION - N/A/N/A/A/A/N/A J/A/L dose once (25/02/2015-25/02/2015)-BRBR-	N – Unlikely	Very weak association in time. Clinical signs do not fit the pharmacological profile. Causality N - unlikely.
	NL-NLBBD-2015-4791	Netherlands		Canine/dog		31/03/2015	05/11/2015	1	1	15/04/2015		Claw / hoof / nail loss		Report from animal owner. A 10° dol female neutrened crossbred shephard (27 kg BW) was vaccinated with Nobinex Let an 310/32015 Shetzh (247/2013) and 22/02/3015 Shetzh inunkrowi). On 15/9(4/2015 clinical sign (complete loss of nalls). The dog was not treated medically, duration of clinical signs was 2 months.			Nobivac L4 SUSPENSION FOR INJECTION - N/A,N/A,N/A,N/A,N/A (31/03/2015-31/03/2015) BR>	O1 - Inconclusive	Reasonable to weak association in time. Case narrative suggests possible onychodystrophy / S.O type reaction or other immune mediated pathology, which can be associated with any allergen (including vaccination). Insufficient data (ANA tested) ² , no information from veterinarian. Product involvement cannot be excluded, therefore causality 01.
	NL-NLBBD-2016-4941	Netherlands		Canine/dog		25/01/2016	28/01/2016	1	1		R×BR×BR>Yes	Anaphylactic shock		A female chihushus pup, 2 months old, 1.55 kg in 8W, was vaccinated with Parvo-C and L4. The injection was given Sci In the flank area by the veterinarian L4WithS minutes, the old geweloped anphylactic shock. The vet gave a drenalin intravenously, after which the dog recovered. No further information expected.	Chihuahua		Nobivac L4 SUSPENSION FOR INJECTION - N/A,N/A,N/A,N/A, 106s 1 animal (25/01/2016- 25/01/2016):BR> >Nobivac Parvo-C - N/A,N/A,N/A,1 dose 1 animal (25/01/2016- 25/01/2016):BR> >	B - Possible	Very close association in time (5 minutes). Likely a hypersensitivity reaction, which is a known AE for the product, but multiple products used. Therefore, causality B
	NL-NLBBO-2016-5338	Netherlands		Canine/dog	13.75 Year(s)	05/08/2016	16/08/2016	1	1 1	05/08/2016	R> Yes	Dehydration-Apathy, Nausea, Elevate of BUN, Elevate of BUN, Elevate Creatinie, Elevated ALT, Decreased skin turgor, Adominal a pain, Diarrhoea, Vomiting Boyldgia, Anuria, Death by euthanasia, Anorexia, Lethargy (see also Central nevous system depression in 'Neurological'), Fever		Suspected Adverse Reaction 5. August 2016; a lack Russel Terrife (born 26-10-2002) was vaccinated with Nobivac Life and Nobivac Life as joint of an anual ne-vocational for-exactions (ne-vaccination Robivac Life as just with Nobivac Life and Nobivac Life as just and July 2013). On August 2016, the dog was seen by the attending vet with clinical signs of apathy, lefturgy, vormiting and anonexis. The owner mentioned on this date, that the dog vomited including a piece of plastic on 5 August 2016/in the morning before the vaccination was given. Physica examination revealed a feere (104, 11-2), and abdominal pain. Not X-ray showed a possible enlargement of ones kidney and the spleen. The dog was treated with an injection Carprofien NSAID (Norccarp) 0.8 mill and was sent home with a four day course of a Carpofen MSAID (Norccarp) 5.7 MG once daily, or use in suspection of gastroenteritis. The owner failed administering oral Norccarp. Due to lack of improvement, the dog returned to their own vet clinic on 8 August 2018 with persistent clinical signs of lethargy, vomiting and polydopis and anuria. Physical examination revealed no fever (183, "3") and no addominal pain, but a decreased with urgor. A Mood lets was performed and the most significant abnormalities were: increased BUN, creatione, 8 and GPT/ALT. According to vet Indicative for dehydration and possible enargiliver profedien. Supportive therap against dehydration (infusion IV and SC, sachet rehydration support) and vomiting/gastrointestinal protection (netoclopramide, morpolant, randisch) was adjusted. On August 2016, the dog was taken to another vet clinic for observation and re-evaluation. Still the dog showed nausea, abdominal pain, anuria and also distrinces. Repeated blood test showed further elevated BUN and creatinine levels. On 10 August 2016 the dog swas control of Loviling diseases and therefore had been treated with Trilostane (Vetoryi), Las treatment approximately months - 1,5 years ago.		8.9	Nobbac 0HP - 1.N/A/N/A 24,1 Dose 1 Animal (1 Dayle) (50/88/2016 - 1.0 Animal (1 Dayle) (50/88/2016 - 05/08/2016)+BR-N-BR-N-bubwac 1.4, suspension for injection for dogs - 1.N/A/N/A, 24,1 Dose 1 Animal (1 Dayle) (50/88/2016)+BR-V-BR-V-BR-V-BR-V-BR-V-BR-V-BR-V-BR-V		Time to onest of clinical signs is compatible. Vaccines are known to possible, ouse or trigger systemic reactions. For the animal not feeling well shortly after exactions. For the animal not feeling well shortly after caucitation (lethury, ormiting, anorests, fewer, districted) product involvement is possible; known AE with any vaccine. Other possible causes, like an underlying disease, can not be fully excluded. Overall, causality 0.1.
NOBIVAC L4	NL-NLBBD-2016-5421	Netherlands	Animal	Canine/dog	3.8 Year(s)	13/07/2016	13/09/2016	1	1	16/07/2016	Not Known	Injection site alopecia, Injection site swelling. Injection site swelling. Injection site unimplied in site pain, Injection site serosangulnous discharge, Fever site serosangulnous discharge dischar	Not Known	Supertied Afverse Reaction On 13 July 2016 a dog 13 years and 10 monthly was vaccinated with Nobleac L4 (bookser, first vaccination was 20 June 2016). After the first vaccination on 20 June the 04 had a injection site lump. On 15 July the dog was seen by the Vet with a swelling around the site of injection and injection site pain. The vet was the dog an injection with Novoscan. The dog was sent home with a five day course of Tolfedine 6 ng twice a day. Two days later physical examination showed still a painful lump and 173.62. The dog was sent home with course of Previols. On 20 July the injection site lump was open, seroanguinous discharge was seen and a temperature of 39.1°C. The dog was treated with NASID's and multipolics. On 15 Aug the skin was healed, but alopects was still present. On 22 Aug the owner mentioned that hair growth has been started and at this moment the does it treated with a home coliment.	Crossbred	7	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml once (13/07/2016-13/07/2016)-BR> 	B - Possible	Close association in anatomical sife javourd the site of injection. Clinical signs fit the farmacological/hoxicological profile of the VMP. Product Involvement is supperficit, but offer clauses for the described symptoms have not been ruled out. Therefore, causality 8 – Possible

	NL-NLBBD-2017-5733	Netherlands	Animal	Canine/dog	4 Year(s)	18/08/2016	10/05/2017	1 1	o	19/08/2016	R>-GR-Yes	real parameters, Scratching, Listless, Eyeli d oedema, Bulging eye, Pale mucous membrane, Hyperalivation, Octual discharge, Polydigisi, Tonic-Clonic sesture, Spasm, Polyuria, Parting, Foa m in the nose, Cutaneous oedema, Foam in the mouth, Face and neck swelling (see also "Skin"), Elevated liver enzymes	No Data	Case received from NCA. Supected Afrierse Reaction The dog concerned was treated on 17 08-2016 with Sraveto. On 19-08 the dog was securiated with Nobloca L of by their veterinarian. The days after this, the dog showed the following signs: a lot of parting, thickening eyelids, thickening in ship of the special content of the properties of the properties of the special content of the speci	5		Benecto 1400 mg chewable tablets for very large dogs (-140-56 kg) - 1,11/A/N/A 24.1 tablet once 1/17/08/2016 - 17/08/2016 - 17/08/2016 - 17/08/2016 - 18-Noblwac L4, suspension for injection for dogs - 1,11/A/N/A 24.1 dose 1 animal (18/08/2016-18/08/2018-18/08/2018	B - Possible	CA agrees with causality assessment and comments (update) of the MAH. Causality B.
	NL-NLBBD-2017-5818	Netherlands		Canine/dog		08/06/2015	04/03/2017	1 1		11/06/2014	Known, GBS-GBR -GBS-GBR-GBR- Not Known	Head tilt - neurological disorder, Pain NOS, Hyperthermia, Lethargy (see also Central neivous system depression in Neurological 1) Hyperproteinaemia, Elevated SAP, SAP, SAP, SAP, SAP, SAP, SAP, SAP,	Not	Case received from NCA. According to information reported directly by the animal owner to the Competent Authority. Suspected Adverse Reaction. 4 June 2013. 4 and (£14 years) cold received a Bravecto chewable tablet for small dogs (1-6.5 – 104). Six days after the first administration by the animal convert, the dog experienced the Inter reaction Suspected Adverse Reaction. All uses a distanced the American State of	Crossbred		Bravetto 250 mg (hewable tablets for small dogs (4-51 big.) 1,1/h,3 ms. and 10,0 ms. and 10,1/2/2015) eBPBR-Nobivac L4, suspension for rijection for dogs 1,1/h/A.N/A.24,1 Dose (06/06/2015) eBPBR-ABP	N - Unlikely	No reasonable association in time. Clinical signs do not fit the farmacological/basicological profile of the VMMP. Other causes are more likely. Therefore N - Unlikely
	NL-NLEBD-2017-5820	Netherlands	Animal	Canine/dog	7.3 Year(s)	05/12/2016	06/03/2017	1 1	1	26/12/2016	R>CBR>CBR>NO, CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>	Dyspnes. Death Arrhythmis. Crying. Anoresia, Unable or tise, Pain NOS, Lethargy (see also Central nervous system depression in 'Neurological'), Walking difficulty	Not Known	Case received from NCA. According to information reported directily by the animal owner to the Competent Authority. Suspected Adverse Reaction. From 22:1-2016 the animal owner administrate 0.25 tabled during 4 days. The dog became ill on 26:1-2:0016 after ingestion of Bravecto. The dog became lethange and was knjing in his ed a lot. The owner says she would not have given Bravecto or Lot or Rables to the dog if a head known the dog would become ill. According to the owner, the veterinarian nava savare of the poor health of the dog. Then the owner went to the veterinarian for a check up because the dog India a lot of pain in the legs, was crying a lot, he was not baring anymore and would not eat ince 08-12:20.7. The dog was given painlisties two times visit injection and Tramadol and predisione in tablet form. The owner could not give the tablest to the dog because it was not esting amyrinor, but the owner tried to put the tablest into the mouth of the dog. The dog hast arinythmias, was short of breath and had no control over his body. The dog could not walk properly and was stranding still. The dog deed on 11-02-207. No more information expected. [Resident of the country o	Cavaller King I Charles Spaniel		Bravetto 250 mg Chewable tablets for small dogs [4-5.10 kg] - 25.N/A.1 Days, 240, 25 tablet a day during 4 day (2.17/27016- 25/12/27016- 25/12/27016- 25/12/27016- 25/12/27016- 25/12/27016- 25/N/A.1 Days, 240, 25 tablet during 6 days (2.71/27016- 25/N/A.1 Days, 240, 250 tablet during 6 days (2.71/27016- 26/12/27016-	01 - Inconclusive	No strong association in time. Clinical signs do not fit the farmacological/toxicological profile of the VMP Multiple products used. Other causes are possible, including an underlying disease, but product involvement can't be fully excluded. Therefore causality O1 - Inconclusive
NOBIVAC L4	NL-NLBBD-2017-5949	Netherlands	Animal	Canine/dog	8.3 Year(s)	17/03/2017	24/03/2017	1 1		17/03/2017	Yes, <b R>BR> Not Known, BR > >BR Not Known</b 	Swollen face (see also 'Skin')	Not Known	Suspected Adverse Reaction. A male Cocker Spaniel age 8 years 4 morths was administered 1 dose of Nobiac DUP by the veterinarian. This was administered together with Nobiac L4 and Nobiac KC. Th dog had been administered both Nobiac L4 and Nobiac KC to untime bloor. This was the first time the dog was administered Nobiac DUP. The dog had an allergic reaction: swelling of the cheeks, ears and eyelids. Treatment with dexamethasone injection had a good result, the swelling disappeared.	Not Applicable	15.9	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (17/03/2017- 17/03/2017)-cBR>-BR>Nobivac KC - 1,N/AN/A, 24,N/A (17/03/2017- 17/03/2017)-BR>-BR>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (17/03/2017-17/03/2017)-BR>-BR>	B - Possible	Reasonable association in time. Hypersensitivity reaction is a known adverse effect of Nobwac 14, which is mentioned in the SPC. Multiple products used. Product involvement is suspected, but other causes for the described symptoms have not been ruled out. Therefore, causality B – Possible.
NOBIVAC L4	NL-NLBBD-2017-6243	Netherlands	Animal	Canine/dog	12 Week(s)	30/06/2017	08/08/2017	1 1		01/07/2017	Yes	Crust, Reddening of the skin, Localised itching, Localised skin reaction	No Data	signish Stafford, male, 8.5 kg, 12 weeks of age was succinated at 30 June 2017 a.C. in the final. Next day the dog downed an adverse reaction front further pseiglical. Frastment with Contraunance sparse (controstereoids) gives improvement. Further information is requested. 8 Aleg 17 CA. Follow up information in the old previously as firm reaction (ritching, redness, crusts) in both inhidings on the medici side. The location was treated with contavance sparsy during 1 week. However, 14 days later the clinic signs have not resolved completely. The weeks after vaccination the dog had fully recoverd. The animal owner is convinced that the skin reaction is a result of the vaccination. The vet, however, is no committee.	Staffordshire Bull Terrier	8.5	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 dosage, once (30/06/2017- 30/06/2017) 	B - Possible	Reasonable association in time (next day). However, quite long duration. Individual sensitivity is possible but other causes have not been ruled out. Causality B- Possible.

	NL-NL88D-2017-6329	Netherlands Netherlands	Animal	Canine/dog	4 Year(s)	24/05/2017	07/11/2017		1 1	01/06/2017	Yes	Pica NOS-Pale mucous membrane, Abdominal pain (vontinge Polydipsis, Slow reflixes, Death by under the Abdominal pain (vontinge Polydipsis, Slow reflixes, Death by under thansais, Decreased appetite, Circulation y of Systemic disorders'), Localized pain HOS (see other 'SOCs' for specific pain, Weight loss, Abnormal test resulf, Smelly breath, Hypergycaemia, Decreased urine concentration, Hyperphosphataemia, a, Elevated BUN, Elevated craestinge, Piperporteinaemia, Decreastinge, Piperporteinaemia, Decreased red blood cell count, Decreased apked cell volume (PCV), Urasible to jump, Elevated globulins	No Data	Case received from BBD. Suspected adverse reaction. According to the animal owner. A Rhodesian Ridgeback (male, sterilized, age 4) was administered hobbac. L6 by the veterinarian on 3-5-2017 and 15-2017. The day sus picked up at the beginning of Juse for adoption from 500 for headmenter. The dog drank a lot and untracted colourless and odourless urine from the beginning. Since the end of Justice the day and the long through the colour through the long through t	d d d 77. 77. as s t t e e e e e e e e e e e e e e e e	32 6.6.	Nobivac L4, suspension for injection for dops - IN/A,N/A, 10,1 m Not applicable 1, Aming 12/05/2017-24/05/2017-8R-4BP>	O1 - Inconclusive	Reasonable association in time. Vomiting and decreased appetite are known to occur after vaccination. Newever time to one fit in this case is quite long Other clinical signs are not known adverse effects of Noblacut 4.0. Other causes are possible, including an underlying disease, but product involvement can't be excluded. Therefore, causality O1 - Incondiusee.
	NL-NLBBD-2018-6801	Netherlands	Animal		3 Month(s)	05/03/2018	14/03/2018				Known, GBR>GBR >GBR>GBR>GBR>Not Known, GBR>GBR>Not Known, GBR>GBR>Not Known, GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>GBR>	NOS,Pinnae disorder, Enlarged lymph node (localised)	Known	Nobbac XC, Pano C. and Lepto on 16 January 2018. After two days the dog developed a feer and on the third day the dog was presented to the veterinarian with a feer of 19.7 of genese. C, with also polyarthrist symptoms. The dog was presented to the veterinarian with otils externa, mild, in both side, in both era souriar was administered. Once the dog was brome, the ear symptoms seemed only to worsen. On 24 January 201 the dog was presented to the veterinarian with many small bumps in the ear shelf and even more inflammatory reaction of the ears. It seems to be an allergic reaction (mandibular and prescapular lymph nodes are severely soulden after administering Giurnia). Plan: cleaning ean, apply dermiel to soothe, and continue Novacam treatment. The animal was vaccinated with Nobbac Parvo-C and concomitantly with Nobbac L4. Sk days later.	18		Animal (16/01/2018- 16/01/2018)-BR-vBR-Nobivac L4, suspension for injection for dogs- 1.N/N/N/A.24.1 Dose 1 Animal 16/01/2018-BR-Nobivac Paru-C1.N/N/A,24.1 Dose 1 16/01/2018-BR-SB-DSURNIA ear gel for dogs - N/N/N/N/A,24.0nce in both ears (15/01/2018- 10/01/2018-BR-SBR-SBR-NBP-		to possibly cause or trigger systemic reactions. Clinical signs (fever and polyarthrist) are mentioned in the SPC of the VMP. Multiple products used. Therefore causality 8 - Possible Reasonable association in time. Reported symptoms
		Netherlands		Canine/dog	,			1	1		Yes, <br R>BR>Yes</br 	Fever, Abscess NOS, General illness		had developed an abxces, fever and general lilness. The abxcess was opened and empyred and treatment was started with Symulox (20m, 20d tal table tuning 7 days) and Rimadyl (50 mg, 1dd 1 tablet + 20 mg 1dd 0.5 tablet during 6 days). Outcome unknown.	e Flanders Cattle Dog	17.5	Nobiwac L4, suspension for injection for by the foliation for the foliation for the foliation for the foliation for foliation foliation for fo	B - Possible	known to occur in relation to vaccination. Exact location of the abscess not known. Therefore, causality B-Possible.
	NL-NLINTVINT-2014-NL-00025	Netherlands	Animal	Canine/dog	12 Week(s)	06/01/2014	10/02/2014	1	1 1	06/01/2014	Yes	Vomiting, Nephritis, Pyelonephritis, D eath, Anorexia, Elevated BUN, Elevated creatinine, Bronchopneumonia		SAR. Fluy was vaccinated with Nobivac Ld at 9 and 12 weeks of age. After the second vaccination, symptoms started occurring; worntime, not eating. The time interval between vaccination and notes to the symptoms is unknown. Ureum and creatinine in the blood were increased. Pyelonephritis or renal failure are suspected but also lepospoiss care the ecuded. Waiting for follow-up (10 Feb 2014); results autopsy; minor chronic pyelonephritis and nephritis with tubular and glomerular degeneration and tubular regeneration and moderate multi focal acute fibropurulent bronchopmenomia with mineralizations. Leptospinosis could not be ruled out but the described observations are not typical for it. Changes made to VeDDRA coding (8 added) and assessment (RFA, Q1). No further fiormation expected. [Reason for use for product: Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) (36 Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination) [State of health; Popor]	1	1.5	Nobivac 1.4, suspension for injection for dogs - 1,10/A/M, 2,41, Dose Once 1 Animal (05/01/2014-06/01/2014)+08P>-8P>	O1 - Inconclusive	Time to onset of clinical signs not known. Reported symptoms could be eaused by an underlying disease, but product involvement couldn't be fully excluded. Therefore, causality 01.
	NI-NLINTVINT-2014-NI-00032	Netherlands	Animal	Canine/dog	8 Year(s)	10/01/2014	19/02/2014	1	1 0	10/01/2014	Not Known,-GBX-GB ×-GBX-GBR-GBR- Not Known,-GBX-GB ×-GBX-GBX- Yes	Vomiting Epileptic Seizure, Bisorientation, Decreased appetite, Foaming at the mouth, Tenes adomen, Bitting - aggression (see also 'Skin and appendages disorders')	No Data	SAR. On 10 Jan 2014 a dag was vaccinated with Nobbac L4. That evening the dog had a pulled up addomner (NeDBoA code at sense addomner), the following 2-days decreased appetert and vorning and the third day after vaccination the dog had an epileptic selzure. The dog was admitted to the local very discovered that the selection of the day after vaccination that dog had an epileptic selzure. The dog was admitted to the local very discovered that the contract of	ot see v v d d d ree e e e e e e e e e e e e e e e	30.5	NOBINCR RABIES - 1.NI/A,NI/A, 24,1 Dose (1,001/1,2014). 10/01/2014):RBN-RBN-NbObwac KC - 1,NI/A/NI/A, 24,1 Dose (1,001/1,2014). 10/01/2014):RBN-RBN-NbObwac L4, suspension for injection for dogs - 1,NI/A/NI/A, 24,1 Dose (1,0/01/2014). 10/01/2014):RBN-RBN-NbObwac L4, suspension for injection for dogs - 1,NI/A/NI/A, 24,1 Dose (1,0/01/2014).	O1 - Inconclusive	Time to onset of clinical signs could be compatible. Signs reported not very specific and results of blood tests are not indicative for any cause. As product involvement could not be fully excluded, the case is still assessed causality O1.
NOBIVAC L4	NL-NLINTVINT-2014-NL-90047	Netherlands	Animal	Canine/dog	7.5 Year(s)	20/01/2014	06/02/2014	1	1 1	20/01/2014	Yes	Cardiac tamponade, Yomiting, Urinary incontinence, Death, Feecal incontinence, Apathy, Unconscious, head tremor/Haemanglosarcoma	No Data	SAF. Dog was vaccinated with Nobines L An or 20 an 2014 at 9:00 am. At 11.15 am the dog started shaking his head and had an abnormal gance in his eyes not VCOBIAR coded and was presented to 1 vet again. He could walk but was listless. The dog was treated with midazolam and the head shaking stopped soon after. In the afteroom the dog west hack home. At home the dog at his flood. Then eduly at 11.00 pm the dog started head shaking again and also voniting. He urinated and defectated and con conclusioness quidly. During the trip to the vet the dog defict the day has been having short opiniones of head shaking for months before the vaccination and last month a mastocytoma on the letters well was surgicily. Promoved dogs has been sent in particular, portion and the started production of the administration of the control of th	xt d	Not Known	Nobwac L.S. suspension for injection for dogs - 1.VA.M./A.2.1. Dose (20)/01/2014-20/01/2014/sBR>-SBR>	N - Unlikely	Pathology results confirmed cause of death: haemanglosascoma of the attum which was bleeding and resulted in cardiac tamponade.

April 1997 Principle Pri																						
## Septiment of the sep	AC L4 NL-NLIN	LINTVINT-2014-NL-00065	Netherlan	ds Anima	al	Canine/dog	2 Year(s)	20/12/201	2013 12	12/02/2014	4 1	1	21/12/2013	Yes, <b< td=""><td>Fever,Injection site</td><td>No Data</td><td>SAR. Dog was vaccinated on 20 Dec 2013 with Nobivac L4 and Nobivac DHP (SPC of DHP does not</td><td>Chihuahua</td><td>Not</td><td>NOBIVAC DHP - 1,N/A,N/A ,24,1</td><td>B - Possible</td><td>CA agree with causality assessment and comments of</td></b<>	Fever,Injection site	No Data	SAR. Dog was vaccinated on 20 Dec 2013 with Nobivac L4 and Nobivac DHP (SPC of DHP does not	Chihuahua	Not	NOBIVAC DHP - 1,N/A,N/A ,24,1	B - Possible	CA agree with causality assessment and comments of
Part														R> Yes					Known			MAH. However, as two vaccines were administered
Marie																		'				concomitantly and both products could have caused
Married Marr																						the reported symptoms, the overall assessment is causality R
March Company Compan																						causality B.
March Marc																				20/12/2013/ 		
Automotive of the control of the c															skin reaction							
March Marc																						
Condendation reference of control (Control (Co																		-				
Authority (S. 1) Authority (_1				
Automotive Company C																		5				
March Marc																						
																	spontaneously. 31 Dec 2013 the dog was taken tot the vet again who cleaned the wound and put on a	.1				
March Company Compan																		1				
March Color Colo																						
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Security Company Com																						
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Column C	1		1					1		J	1 1	1				1		1	l			
FOR THE PROPERTY OF THE PROPER			L						L									1				
For State State State (State Color and State C	AC L4 NL-NLIN	LINTVINT-2014-NL-00087	Netherlan	ds Anima	al	Canine/dog	18 Week(s)	31/01/201	2014 27	27/02/2014	4 1	1	01/02/2014	Yes, <b< td=""><td>Anorexia,Lethargy (see also Central</td><td>No Data</td><td></td><td>Rottweiler</td><td>Not</td><td>NOBIVAC DHPPI - 1,N/A,N/A ,24,1</td><td>B - Possible</td><td>CA agree with causality assessment and comments</td></b<>	Anorexia,Lethargy (see also Central	No Data		Rottweiler	Not	NOBIVAC DHPPI - 1,N/A,N/A ,24,1	B - Possible	CA agree with causality assessment and comments
NOUNCLE NO. NEWFORT 2014 NO. 00233 A NUMBER OF MATERIAL PROPERTY SIZES AND CONTROL OF MATERIAL P	1		1			-		1		J	1 1	1		R> Yes,	nervous system depression in	1	listless. On 4 Feb 2014 the dog was taken to the vet with a fever (temperature 40.5 degrees Celsius),	1	Known	Dose (31/01/2014-		the MAH. Causality B.
Build Buil	1		1					1		J	1 1	1		 <	'Neurological'),Listless,Fever	1	lethargy and anorexia. Rest of the physical examination showed no abnormalities. The injection site	1	l	31/01/2014) NOBIVAC		
Section 1	1		1					1		J	1 1	1		BR> Yes		1		1	l			
Work Section Control	1							1		J						1		1	l			
CORNICLE No. AULYTIVIT 2014 NI. 2011 No. AUL																	all products involved in this case, CA changed "use according to label" from No into Yes. According to					
Service La Manual Commonweal Comm																						
Monthstory and the company being of the source with any other, the report missed to concentration of the company of the compan																						
CORNINC LIA N. MILINTYNYY 2014-NI. CODISIA N. MILINTYNYY 2014-NII. CODISIA N. MILINTYNYY 2014-N																	product characteristics (SPC) and other product literature. If the product literature states "No			31/01/2014) 		
Column C																						
CRITICAL ENGINE AND ADDITION Service (CARREST PARKET) 38 SHORE ADDITION SERVICE AND SERVICE (ARREST PARKET) AND ADDITION SERVICE AND S																						
Column C																						
Amend Carrier/Sign 4 World 1 Vision 2014 N. ALINYWY 2014 N. 400114 Network and the state of the control of the state of th																						
NOBINAC LANGE Mark																						
Nome from the wet, but unknown if they were great root (but is added in product page). The she received by the gas added by the control of the gas added by the gas added by the gas added by the gas add by the		UNITARY 2014 NU 00444	Markada	de Antono	-1	Carles (das	4.1/2.2.(4)	47/02/201	2014 01	01/05/2014		_	40/02/2044	v	totak oota Haabila ka sira	No Date		Caldan	Net	NORWAC LA ADVARC DAT	Of terrories	Time to onset of clinical signs is compatible. Report
next day the dag submonished plant and interpretation of fillines (playmording, in projection of fillines) (playmording, in projection, in projection of fillines) (playmording, in projection, in projection of fillines) (playmording, in projection, in projection, in projection, in projection, in projection, in projection of fillines) (playmording, in projection, in projec	AC L4 INL-INLIP	LINTVINT-2014-NL-00114	Netherian	ds Anima	di	Canine/dog	4 rear(s)	17/02/201	2014 01	01/05/2014	4 1	1	18/02/2014	res	Joint pain, onable to rise	NO Data					O1 - Inconclusive	symptoms have not been reported before. Immune
Abornamistics, no force, no optical abornamistics, part paint in carginal and trans joints. Technique disposition of pages and transingly clastics, and the page of the page o																		neurever	Nanowiii			mediated polyarthritis, triggered by vaccination is a
SENVAL LA INL-NIATVINT-2014-NL-00133 Natherlands Animal Canine/dog 8 Month(s) 17/20/2014 2 3/02/2014 1 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 17/20/2014 1 0 0 17																				17/02/2014/10/07 10/07		possibility. However, as other factors have not been
Follow up information pending. Of May 2014 no response to request for follow-up information, therefore no rollow-up information pending. (I leave for the roll-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to request for follow-up information pending.) (I May 2014 no response to response																						ruled out, the case is assessed causality O1.
Berefere no follow-up information expected. [Resion for use for product: Generic: LFTPO*4[CT_CAM_GRIPP_BBAR3] is Standard Millowas. Resions: Windows (Generic: LFTPO*4[CT_CAM_GRIPP_BBAR3] is Standa																						
CRIVAC L4 NI-NENTYNT-2014-NI-00133 Netherlands Animal Canima/dog 11.5 Yearli) 30/01/2014 25/02/2014 1 1 0 30/01/2014 Yes Bloody disarrhoea, Blood in vomit, Lidless Search Woman, Lidless Sear																						
NOBIVAC L4 NHINTVINT-2014-NI-00133 Netherlands Animal Camine/dog 11.5 Year(s) 30/01/2014 12.5 Year(s) 30/01/2014																						
womt_Listless womt_L																	Brand: Milbemax Reason: Worming [State of health: Unknown]					
OBIVAC L4 NL-NLINTVINT-2014-NL-00134 Netherlands Animal Canine/dog 46 Monthly) 17/02/2014 Ves Bloody darmbee_Blood in vomit_Listless but after the the was fully received. No further information expected. (Reason for use for product: Generic LEPTO***QFICE_ANGRIPP®BRAT) 88 Brand: NOBIVAC L4 10X1005 947 Reason: Vaccination of Stockers Let No for the day. Net product: Generic LEPTO**QFICE_ANGRIPP®BRAT) 88 Brand: NOBIVAC L4 10X1005 947 Reason: Vaccination of Stockers L4 and Normalized in Product. Generic LEPTO**QFICE_ANGRIPP®BRAT) 88 Brand: NOBIVAC L4 10X1005 947 Reason: Vaccination of Stockers L4 and Normalized in Product. Generic LEPTO**QFICE_ANGRIPP®BRAT) 88 Brand: NOBIVAC L4 10X1005 947 Reason: Vaccination of Stockers L4 and Normalized in Product. Generic LEPTO**QFICE_ANGRIPP®BRAT) 88 Brand: NOBIVAC L4 10X1005 947 Reason: Vaccination of Stockers L4 and Nobivac L4 and The David L4 and Nobivac L4 and Nobivac L4 and The David L4 and Nobivac L4 and The David L4 and The David L4 and Nobivac L4 and The David L4 and Nobivac L4 and The David L4 and The	AC L4 NL-NLIN	LINTVINT-2014-NL-00133	Netherlan	ds Anima	al (Canine/dog	11.5 Year(s)	30/01/201	2014 25	25/02/2014	4 1	1	30/01/2014	Yes	Bloody diarrhoea, Blood in	No Data	SAR. On 30 Jan 2014 a dog received a booster vaccination of Nobivac L4. A few hours after vaccination	n Crossbred	Not	Nobivac L4, suspension for injection	B - Possible	CA agree with causality assessment and comments
Selection Sele															vomit,Listless		the dog started vomiting blood and also had bloody diarrhoea. The dog was treated with and injection		Known	for dogs - 1,N/A,N/A ,24,1 Dose		the MAH. Causality B.
OBIVAC L4 NL-NLINTVINT-2014-NL-00134 Netherlands Animal Canine/dog Name of the Complete of the																	of Cerenia (maropitant) and a diarrhoea inhibitor and recovered. The next day the dog wasl a bit			(30/01/2014-30/01/2014) 		
OBIVAC L4 NN.INTVINT-2014-NL-00134 Netherlands Animal Canine/dog 46 Monthly) 17/02/2014 25/02/2014 1 1 0 17/02/2014 Yes Bloody diarnheea, Bisood in vomit, Listless Variable for the work of the wor																	listless but after that he was fully recovered. No further information expected. [Reason for use for					
Animal Canine/dog 46 Monthly 17/02/2014 25/02/2014 1 1 0 17/02/2014 Yes Bloody diarrhoea, Blood in vomit, Listless No Data SARI. A dag received ab booster vaccination of Nobinea L4 a 127 EA bott framework for the Monthly of the Mon	1		1					1		J	1 1	1				1		1	l			
started vomiting Blood and developed Blood of developed Blood of the momenter at vet.10, Day as brated with an injury and trucgard and utlogard and											1 1							1				
thermometer at verl. Dog was treated with an injection of Ceremic ExprOff_CEAG_MIRP_BRATILE The rext morning had go was listless for the fusion of Ceremic ExprOff_CEAG_MIRP_BRATILE The rext morning had go was listless for the fusion of Ceremic ExprOff_CEAG_MIRP_BRATILE The meant morning had go was failty recovered. No further information expected. Reason for use for good. Ceremic ExprOff_CEAG_MIRP_BRATILE States of the day. Next day dog was failty recovered. No further information expected. Reason for use for good. Ceremic ExprOff_CEAG_MIRP_BRATILE States of the day. Next day dog was failty recovered. No further information expected. Reason for use for good. Ceremic ExprOff_CEAG_MIRP_BRATILE States for the fusion of the profit of the day. Next day dog was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered. No further information expected. Reason for use for good was failty recovered abouts recordant of Notice (Senior Cemeric ExprOff_CEAG_MIRP_BRATILE States). The profit of good was failty recovered abouts recordant of Notice (Senior Cemeric ExprOff_CEAG_MIRP_BRATILE States). The profit of good was failty recovered abouts recordant of Notice (Senior Cemeric ExprOff_CEAG_MIRP_BRATILE States). The profit of good was failty recovered abouts recordant of Notice (Senior Cemeric ExprOff_CEAG_MIRP_BRATILE States). The profit of good was sufficiently recovered abouts recordant of Notice (Senior Cemeric ExprOff_CEAG_MIRP_BRATILE States). The profit of good was sufficiently recovered abouts recordant of Notice (S	AC L4 NL-NLIN	LINTVINT-2014-NL-00134	Netherlan	ds Anima	al	Canine/dog	46 Month(s)	s) 17/02/201	2014 25	25/02/2014	4 1	1	17/02/2014	Yes		No Data		Border Collie			B - Possible	CA agree with causality assessment and comments
GBIVAC_L4 NL-NLINTVINT-2014-NL-00150 Netherlands Animal Canine/dog 11 Year(s) 30/01/2014 1 1 21/03/2014 Yes Deaffress No Data SAR. On 30 Jan 2014 dag received a booster vaccination of Noblwac L4, Suspension for injection of product. Generic: LEFTO*4 (INC. AGA, GRIPP, BRAT) KB Brand: NOBIVAC_L4 (JIXID.55.97 Reason: Vaccination) [Sate of health; Goodl on moment of reporting its adverse event (6.4. The next day the dog was in control on the day has done and a few ligonary is but was only improvement (yet.) At the moment of vaccination of the object of the same and a few ligonary is but was otherwise health; Follow-yig L11 May 20154 (soft all not control on the day has done and a few ligonary is but was otherwise health; Follow-yig L11 May 20154 (soft all not control on the day has done and a few ligonary is a device event (6.4. The next day the dog was solidated). The control of the day was done heart and a few ligonary is a device event (6.4. The next day the dog was control on the day has done to the control of the control of the day was done to the control of	J		1					1		ļ	1 1	1			vomit,Listless	1		1	Known			the MAH. Causality B.
rest of the day. Next day day was fully recovered. No further information expected. [Reason for use for product. Generic. LEPTO** (CENTER) CENTER CEN	1		1					1		J	1 1	1				1		1	l	(17/02/2014-17/02/2014) 		
No Data No	1		1					1		J	1 1	1				1		1	l			
NOBIVAC L4 NL-NINTVINT-2014-NL-00350 Netherlands Animal Canine/dog 11 Year(s) 30/01/2014 06/03/2014 1 1 0 31/01/2014 Yes Deafness No Data Sh. Animal Canine/dog Nobia Sh. Animal Canine/dog 12 Year(s) 30/01/2014 06/03/2014 1 1 1 21/03/2014 Yes Deafness No Data Sh. Animal Canine/dog Nobia Sh. Animal	1		1	1				1	1	J			1			1		1	1			
NOBIVAC L4 NN.LINTVINT-2014-NL-00360 Netherlands Animal Canine/dog 11 Year(s) 30/01/2014 0 (5/03/2014 1 1 0 1 0 11/01/2014 Yes Deafness No Data SAR. On 30 an 2014 dag received a booster vaccination of hobback. 4. The next day the day was contain more content of reporting its adverse event (6 Mar 2014) there was no more more of reporting in the day of the content of the post of the content of the contain shadows and the contain of the c	1							1		J						1		1	l			
completely deaf and at the moment of reporting this adverse event (6 Mar 2014) there was no improvement (yet). At the moment of reporting this adverse event (6 Mar 2014) there was no improvement (yet). At the moment of vergination after being had more than a few journals but not do gial about not and a few journals but not good and a few journals journals and a few journals but not good and a few journals	ACTA NIL SUL	HINTHINT 2014 NIL COACO	Motho do -	de Ani	al .	Canina/da-	11 Voorle	20/01/201	2014 00	06/02/2011	4 1	-	21/01/2014	Voc	Desfers	No Data		Nous Scot's	Not	Mobbins I 4 suspension for interest	0	Reasonable association in time. However, reported
Improvement (yet, At the moment of vaccination the dog had once tartar and a few lipona's but was netriever of chemistry. Follow-grid L1 May 2016; last number added to product screen. No further information expected. [Reason for use for product. Generic: LEPTO*4(PC_TCA,MGRIPR_BAT), Bits rank*100BIVAC L4 DIATO*5 (A version scanning) [State of health; Good! Netherlands Animal Canine/dog 7,5 Year(s) 21/03/2014 1 1 1 21/03/2014 Yes Heart failure, Diarrhoea, Lung orderna, Death, BreathHessness orderna, DeathHessness orderna	AL L4 NL-NLIN	LIN1VIN1-2014-NL-00160	Netnerlan	us Anima	dl	Canine/dog	11 Year(s)	30/01/201	2014 06	00/03/2014	4 1	1	31/01/2014	res	DearnesS	No Data					U -	
otherwise healthy. Follow-up information pending. Follow-up in	1		1					1		J	1 1	1				1			known		unciassitiable/unassessa	symptom has not been reported before and doesn' fit the toxicological profile of the product. Other
oroduct screen. No further information expected. [Reason for product. Generic: LEPTO*4[ICT,CAM,GRIPP_RRAT] IS Brand: NOBINAC L4 DISTORTION (STATE Resport Vascination) [State of health: Good] Netherlands Animal Canine/dog 7.5 Year(s) 21/03/2014 1 1 1 21/03/2014 Yes Heart failure. Distribute. Laurg orderna, Death, Breathlessness orderna, Deathlessness orderna, Dea	1		1					1		J	1 1	1				1		netriever	l	(30)01/2014-30/01/2014/ <bk></bk>	uie	fit the toxicological profile of the product. Other causes have not been ruled out. Therefore, causalit
LEPTO*4(ICT_CAN_GRIPP_BRAT) TAB Brand: NOBIVAC L4 LIXXLD5 S47 Reason: Vaccination) [State of health: Good] OBIVAC L4 N-N.INTYINT-2014-NI-00201 Netherlands Animal Canine/dog 7.5 Year(s) 21/03/2014 1 1 1 21/03/2014 Yes Heart failure, Disimhoea.Lung oedema,Death,Breathlessness of health. The ved determined fluid behind the lungs and diagnosed it as actue heart failure in a patient with mitral valve instifiction of or was enthrained in view of was enthrained for owns enthrained in recent of not awalible for pathology. The attending ved does not think there and received the primary in candidation of not awalible for pathology. The dog was not awalible for pathology. The attending ved does not think there are any relationship between the AE and the vaccination with blocks c1 but the owns waterful to be repaired from the fair of was enthrained for or downs the AE and the vaccination with blocks c1 but the owner wanted it to be repaired wanted it to be repaired from the fair of was enthrained for or downs the AE and the vaccination with blocks c1 but the owner wanted it to be repaired from the fair of was enthrained from the fair of was en	1		1					1		J	1 1	1				1		1	l			causes have not been ruled out. Therefore, causair
DBIVAC L4 NL-NLINTYINT-2014-NL-00201 Netherlands Animal Canine/dog 7.5 Year(s) 21/03/2014 1 1 21/03/2014 Yes Heart failure, Diarrhoea.Lung oxidema, Death, Breathlessness where shorters of breath. The degreewed a booster vaccination of Nobivac L4 on 21 Mar 2014 (4 weeks earlier the dog for diarrhoea.Lung oxidema, Death, Breathlessness where shorters of breath. The degreewed and darbnee and the next morning had severe whorters of breath. The degree will deal hand the lungs and diagnoed in as cauche heart failure in a patient with mitral valve insufficiency. Symptoms were on for 18 hours, unknown of the dog then did or was euthanised for oxide and the vaccination with Noblace L4 but the own wanted it to be reported. No Other land for many failure or a patient with mitral valve insufficiency. Symptoms were not not available for patient screen of earth). The dog was standard or was euthanticed for dareally. The dog was standard or was euthanticed for death). The dog was standard or was euthanticed for other was information.	1		1					1		J	1 1	1				1		1	l			0.
OBIVAC L4 NH.INTVINT-2014-NI-00201 Netherlands Animal Canine/dog 7.5 Year(s) 21/03/2014 1 1 1 21/03/2014 Yes Heart failure Dismhoea.Lung oedema,Death,Breathlessness with mitral valve insufficiency. Symptoms were on for 18 hours, unknown of the dog ten denimal valve insufficiency. Symptoms were on for 18 hours, unknown of the dog ten denimal valve insufficiency. Symptoms were on for 18 hours, unknown of the dog ten denimal valve insufficiency. Symptoms were on for 18 hours, unknown of the dog ten denimal valve insufficiency. Symptoms were on for 48th). The dog was not available for pathology. The attending ved dees not think there are not reached to the early ten ded on the valve valuable for pathology. The attending ved dees not think there wanted it to be early calculationally belowed to the form of water thanks of the valve valuable for pathology. The attending ved dees not think there wanted it to be excursionable with blocks of butther information in the valuable for pathology. The attending ved dees not think there wanted it to be excursionable for the formation of the valuable for pathology. The attending ved dees not think there wanted it to be excursionable for the formation in the valuable for pathology. The attending ved dees not think there wanted its to be excursionable for the formation in the valuable for pathology. The attending ved dees not think there wanted its to be excursionable for the formation in the valuable for pathology. The attending ved dees not think there was not available for pathology. The attending ved dees not think there was very water to the path of	1							1		J						1		1	l			
oedema_Death_Breathlessness but dereceived the grimary vaccination, I trail additioned and the next morning had for dogs - 1,VI/AN/A_2A_I Dose development of the productiones of heast. He wet determined flight behind the langs and diagnosed it as acute heart failure in a patient with mitral valve insufficiency or for 2 its flours, unknown if the dog then died or was euthanised (in patient screen for its flours, unknown if the dog then died or was euthanised for patient screen for of 2 its flours, unknown if the dog then died or was euthanised for patient screen for of 2 its flours, unknown if the dog then died or down in the dog then died or down in the dog then died or down in the dog was not available for pathology. The attending was not available for pathology. Th	AC L4 NL-NI II	LINTVINT-2014-NL-00201	Netherlan	ds Anima	al	Canine/doø	7.5 Year(s)	21/03/201	2014 27	27/03/2014	4 1	1	1 21/03/2014	Yes	Heart failure.Diarrhoea.Lung	No Data		Chihuahua	4	Nobivac L4. suspension for injection	O1 - Inconclusive	Reasonable association in time. Diarrhoead could
severe shortness of breath. The vet determined fluid behind the lungs and diagnosed it as acute heart failure in a patient with mitral valve instificiency. Symptoms were on for 15 hours, unloam) of the dog then died or was euchranized (on patient screen and in VeDRDA coding for death). The dog was for available for pathology. The attending vet does not think there is any relationship between the AE and the vaccination with Mobback at but the owner wanted it to be explained for other information.	I NEI		ivecincilali	Punitio	- [g	(11,03,201	7 2/		1 1	1				Duta			Ι ,		conclusive	indicate a hypersensitivity reaction which can be
failure in a patient with mitral valve insufficiency. Symptoms were not not 28 hours, unknown if the dog thend inde or was euchtamicely (in patient screen not in Patients or Geath). The dog was not available for patient screen and in Patients of the same and the sa	1		1					1		J	1 1	1				1		1	l			possibly caused by vaccination. However, regarding
then died or was euthanized (on patient screen and in VeDDRA coding chosen for death). The dog was not available for pathology. The attending vet does not think there is any relationship between the AE and the vaccination with Noblocat Lob but the owner wanted it to be reprinted from	1		1					1		J	1 1	1				1		.1	l			breathlessness and heart failure, product involvem
not available for parking the production of the attending to the production of the p	1		1					1		J	1 1	1				1		1	l			not suspected. Overall assessment causality O1.
and the vaccination with Nobivac L4 but the owner wanted it to be reported. No further information	1		1					1		J	1 1	1				1		1	l			
	1		1	1				1	1	J			1			1		1	1			
expected. Reason for use for product: Generic: LEPTO*4(ICT.CAN.GRIPP.BRAT) KR. Rrand: NORIVAC	1							1		J						1	expected. [Reason for use for product: Generic: LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC	1	l			
Expected. In the control of the cont	1		1					1		J	1 1	1				1		1	l			
4* AVALUS-3**/ ROSSAIL VELINIBULINJI (Aleic oi ireatul rein)	1							1		J						1	24 20/200 547 Newson, Vaccination) (State of Health, Pall)	1	l			

NOBIVAC L4	NL-HLINTVINT-2014-N		Netherlands	Animal	Canine/dog	9 Year(s)	18/03/2014	18/04/2014	2	1 0		Yes, GR-GR-G	Tremor, incoordination, Walking difficulty, Vulva officulty, Vulva oedema, Aglatation, Vomiting, Urinary incontinence, Reddening of the skin, Decreased body temperature, Provinence gait, Hindl limb paresis, Poor sight, Swollen mouth	No Data	SAR. On 18 Mar 2014 (approximately) 2 dogs were vaccinated with hobbac L4 and Nobbac DHP. 8 days later one of the dogs developed nervous symptoms acutely uncoordinately/drunkeg galt, tremor and unwilling/unable to walt, back legs kept siding apart, starteled when touched and walking into a wall because of poor sight. Also urise incontinence, nomitted once, redness around the nose and eyes, swollem mucous membranes of the mouth and vulva. Pulse and hart rate normal, temperature a bit low [but anus was a bit loop. The dog was treated with dexamethasone and made a full recovery after 24 hours. The owner (who is a veterinarian herself) thought of the following differential diagnosis: explospriosis (but her dogs are vaccinated every year and never swim in creeks/streams. Botulian, but no drooping eyelids, no contact with water and no eating of dead animals such as a fish or bird. Introxication, but no posion found in the new surroundings and other pets had no symptoms. Allergic reaction? Follow-up information pending. Follow-up (31 Mar 2014): batchnumbers, veterinary practice ands sax added. An Other ther formation expected. Ac concerning a Nobiaco CHPi, CA changed 'use according to label' from No into 'tes. According to Vol98 and relevant guidelines it is stated that ASS concerning concentration use or VMPS, are considered as off-label use only if such association is included as a contraindication in the summary of product Characteristics (SPC) and other product literature. If he product literature it for product: Generic: LEPTO'4(CT, CAN, GRIPP, BRAT) KB Brand: NOBIVAC L4 10XLDS 547 heason: Vaccination benefic: CHP LV Brand: NOBIVAC CHP 10XLDS 5610 Reason: Unknown) [State of health: Unknown]	German Short- haired Pointing Dog	Not Known	Nobiac DHP - 1,M/A/M, 24,1 Dose (12/03/2014 18/03/2014		CA agreed with causality assessment and comments of MAH. Causality O1.
NOBIVAC L4	NL-NLINTVINT-2014-N	NL-00214	Netherlands	Animal	Canine/dog	6 Year(s)	18/02/2014	23/04/2014	1	1 0	04/03/2014	Not Known	Selzure NOS,Epileptic selzure,Shaking	Not Known	SAR. On 18 Feb 2014 the dog neceived a primary vaccination with Nobbuc L4 and on 18 Mar 2014 a booster vaccination. About 2 weeks after the primary vaccination the dog had a kind of seiture during which the dog was shaking. On 30 Mar 2014 the dog had a mild epileptic seiture and two on 31 Mar 2014. No further information expected. 32APRILL14 CK: several additions and changes (Le. reaction end dist, VeDDRA term, authorization number (EU mil). [Reason for use for product: Generic: LEPTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10XLDS 547 Reason: Vaccination State of health: Unknown.	Beagle	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose (4 Week(s) 18/02/2014- 18/03/2014) 	O1 - Inconclusive	Time to onset of clinical signs quite long. Other causes possible but not investigated. Therefore, causality O1.
NOBIVAC L4	NL-NLINTVINT-2014-N	NL-00324	Netherlands	Animal	Canine/dog	5 Year(s)	06/01/2014	02/05/2014	1	1 1	05/01/2014	No	Not drinking.Death by euthnasis Alywathenia gravis,Not eating.Walking difficulty	Other	SAR. In lar 2014 the dog received a booster vaccination of Nobivac LE Northy after the vaccination (unknown eacity when the dog developed difficulty with unknike, eating (NeDDRA coded as not eating) and drinking (NeDDRA coded as not drinking). The diagnosis was Myasthenia Gravis (unknown how the diagnosis was made) and treatment was started, in the beginning this seemed to be effective and the dog was doing well. Later the dog had a relapse and the dosis of medication had to be increased. This only seemed effective for a solven priori after which the dog devictorated again. When the dog didn't want to eat anymore the owner decided to euthanize the dog, which was done on 1 May 2014. The dog was not seen in for a subopy. No further information expected. Follow-up (T May 2014) dog was succinated with Nobiwac DIPPR and Nobiwac L4 on 2.1 Nov 2013. On 5 Ian 2014 the dog received a booster was criantion of Nobiwac L4 After the booster the dog developed above described symptoms. Owner now also reported another of the ridge with showed an AE after vaccination. See care number 2014 AFM. 200344. No Intellect information expected. [Reason for vac for product: Generic: LEPTO*4(LT,CAN,GBIPP BRAT) XB Brand: NOBIVAC L4 10X1D 5547 Reason: Vaccination]	Not Applicable	Not Known	NOBINAL (4 10XLID 547- 1)4/N/N/A 24 100e (06/01/2014- 08/01/2014/sBr~sBr>	O1 - Inconclusive	Not enough information to draw a conclusion. Causality 01.
NOBIVAC L4	NL-NLINTVINT-2014-N	NL-00325	Netherlands	Animal	Canine/dog	13 Week(s)	02/05/2014	02/05/2014	13	1 0	02/05/2014	Yes, <br< td=""><td>Facial swelling (see also 'Skin),Uriticaria,Circling - neurological disorder (see also 'Behavioural disorders'),Eyelid oedema</td><td>No Data</td><td>ANG. (n. 2 May 2014 13 dogs (various breedi) were vaccinated with Nobbacc L4 and Nobbac DHPP. Very shortly after vaccination 1 pup developed a swollen face and eyelds, unitizan and stated waiting in circles. Treatment was started with controsteroids. 4 weeks earlier, at the age of 9 weeks, the pup was vaccinated with products from the Vanguard range from another MAH. No further information expected. Follow up C4 2 May 14: a coording to the product information of both products, the products were used in accordance with the authorisation. No warning is mentioned in the SPC concerning concenting to the product cange. Therefore, use of the products is changed from off-label to on-label. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC DHPI DIODS 540 Resons Vaccination Generic: LEPTO*4(ICT.AN,GRIPP.BRAT) KB Brand: NOBIVAC DHPI DIODS 547 Resson: Unknown.] [State of health: Good]</td><td>Chihuahua</td><td>Not Known</td><td>NOBINAC DHPP 10XLDS 610- 1.N/A.N/A.24,1 Dose (02/05/2014- 02/05/2014)-98R>-8BR>NOBINAC L4 10XLDS 547-1.N/A.N/A, 24,1 Dose (02/05/2014-02/05/2014)-8R><8R></td><td>B - Possible</td><td>CA agree with causality assessment and comments of MAH. Causality 8.</td></br<>	Facial swelling (see also 'Skin),Uriticaria,Circling - neurological disorder (see also 'Behavioural disorders'),Eyelid oedema	No Data	ANG. (n. 2 May 2014 13 dogs (various breedi) were vaccinated with Nobbacc L4 and Nobbac DHPP. Very shortly after vaccination 1 pup developed a swollen face and eyelds, unitizan and stated waiting in circles. Treatment was started with controsteroids. 4 weeks earlier, at the age of 9 weeks, the pup was vaccinated with products from the Vanguard range from another MAH. No further information expected. Follow up C4 2 May 14: a coording to the product information of both products, the products were used in accordance with the authorisation. No warning is mentioned in the SPC concerning concenting to the product cange. Therefore, use of the products is changed from off-label to on-label. [Reason for use for product: Generic DHPPI LV Brand: NOBIVAC DHPI DIODS 540 Resons Vaccination Generic: LEPTO*4(ICT.AN,GRIPP.BRAT) KB Brand: NOBIVAC DHPI DIODS 547 Resson: Unknown.] [State of health: Good]	Chihuahua	Not Known	NOBINAC DHPP 10XLDS 610- 1.N/A.N/A.24,1 Dose (02/05/2014- 02/05/2014)-98R>-8BR>NOBINAC L4 10XLDS 547-1.N/A.N/A, 24,1 Dose (02/05/2014-02/05/2014)-8R><8R>	B - Possible	CA agree with causality assessment and comments of MAH. Causality 8.
NOBIVAC L4	NL-NLINTVINT-2014-N	NL-00326	Netherlands	Animal	Canine/dog	7 Year(s)	30/04/2014	29/05/2014	1	1 0	30/04/2014	Yes, <b R> >Yes</b 	Facial swelling (see also 'Skin'),Urticaria,Walking difficulty	No Data	SAR. On 30 Agr 2014 the dog was vaccinated with Noblac DHPRI and Noblac L. L. S. hours after the vaccination the dog developed urticaria, a swollen face and couldn't walk straight. This was treated with corticosteroids and 1.5 hours later the symptoms were gone again. The dog hadn't been vaccinated at all for 2 years previous to this vaccination. 29MAY14 CF. use of products changed from off-label use into label use as for both products, the product information does not include a warning and/or contraindication against concomitant use of both products. No further information expected. [Reason for use for product: Generic: DHPP LI Plarant NOBINAC DHPP IOXIDS 501 Reason: Vaccination Generic: LEPTO*4QICT_CAN_GRIPP_BRAT] KB Brand: NOBINAC L4 10XIDS 547 Reason: Unknown Listard of health: Called The Company of the Comp	Beagle	Not Known	NOBIVAC DHPPI 10X1D5 610 - 1,N/AN/A, 24,1 Dose (30/04/2014- 30/04/2014/BR-NB-NOBIVAC L4 10X1D5 547 - 1,N/A,N/A, 24,1 Dose (30/04/2014-30/04/2014)-BR> 	B - Possible	CA agree with causality assessment and comments of the MAH. Causality B.
	NL-NLINTVINT-2014-N		Netherlands	Animal	Canine/dog		21/11/2013		2	1 1		Yés, <br< td=""><td>Restlessness, Unable to stand/Paresis, Death by euthanasia, Incoordination</td><td>No Data</td><td>SAR. On 2.1 Nov 2013 the dog was vaccinated with Noblavic DHPPA and Noblavic LA. Shortly after the vaccination (unknown exactly when) the dog developed symptoms of sene edyclaricon: the dog was conscious of what she was doing, she could eat and drink and indicate when she had to urinate but after a small physical strain she could not stand on the fleg anymore. She lost her sense of coordination and her glance was resilies. The vet to did her owner it was definitely not epilepy. The owner also had another dog which developed an Az after the booster vaccination of Noblavic LA. See case 2012-14.10.2332. 23/MAY12 CAF for both products, of False Lie was rehanged into label as the products were used according to the product information which included for both product no warnings and/or contraindications to use the products conveniently. No further information expected. [Reason for use for product: Genetic: DHPPI LV Brand: NOBIVAC DHPPI 3.0XLDS 610 Reason: Vaccination Genetic: LETO* 44(CT.AM, SRIPP, BRAT) KB Brand: NOBIVAC L4 10XLDS 547 Reason: Unknown.] [State of health: Unknown]</td><td>Not Applicable</td><td>Not Known</td><td>NOBIVAC DHPM IOXIDS 611 13/N/AN/, 24,1 Dose (21/12/2033- 21/1/2031)=8-10-8-NOBIVAC 14 IOXIDS 547 - 13/N/AN/A, 24,1 Dose (21/11/2013-21/11/2013)-8R8R></td><td>O1 - Inconclusive</td><td>Reasonable association in time (shortly after vaccination) but other factors have not been ruled out. Case poorly described. Therefore, causality 01.</td></br<>	Restlessness, Unable to stand/Paresis, Death by euthanasia, Incoordination	No Data	SAR. On 2.1 Nov 2013 the dog was vaccinated with Noblavic DHPPA and Noblavic LA. Shortly after the vaccination (unknown exactly when) the dog developed symptoms of sene edyclaricon: the dog was conscious of what she was doing, she could eat and drink and indicate when she had to urinate but after a small physical strain she could not stand on the fleg anymore. She lost her sense of coordination and her glance was resilies. The vet to did her owner it was definitely not epilepy. The owner also had another dog which developed an Az after the booster vaccination of Noblavic LA. See case 2012-14.10.2332. 23/MAY12 CAF for both products, of False Lie was rehanged into label as the products were used according to the product information which included for both product no warnings and/or contraindications to use the products conveniently. No further information expected. [Reason for use for product: Genetic: DHPPI LV Brand: NOBIVAC DHPPI 3.0XLDS 610 Reason: Vaccination Genetic: LETO* 44(CT.AM, SRIPP, BRAT) KB Brand: NOBIVAC L4 10XLDS 547 Reason: Unknown.] [State of health: Unknown]	Not Applicable	Not Known	NOBIVAC DHPM IOXIDS 611 13/N/AN/, 24,1 Dose (21/12/2033- 21/1/2031)=8-10-8-NOBIVAC 14 IOXIDS 547 - 13/N/AN/A, 24,1 Dose (21/11/2013-21/11/2013)-8R8R>	O1 - Inconclusive	Reasonable association in time (shortly after vaccination) but other factors have not been ruled out. Case poorly described. Therefore, causality 01.
NOBIVAC L4	NL-HLINTVINT-2014-N	NI-0355	Netherlands	Manimal	Canine/dog	12 Year(s)	13/05/2014	05/06/2014	1	1 1	13/05/2014	Yes, GBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-V	Restlessness,Increased heart rate,Cardiac tamponade,Distension of abdomen,Panting,Death,Laboured breathing,Decreased activity,Haemangiosarcoma	No Data	SAB. On 31 May 2014 around 12 pm the dog was vaccinated with Nobbace 71 and a vaccine from the Nobbace range for teptopsrosis (winknown if it was Nobbac to or Nobwac 14). At 11.30 pm the dog developed some kind of episodes where it started painting and breathing heavily, would sometimes stand up and walk around the room but then after that become very passive again. The vet went to the owner's house and examined the dog fast heart rate but regular, lung auscritation to, heavy the threating, mucous membranes light print, abdomens exemed as the town up to when punctured, no fluid was present. Temperature 37.8°C. The vet tool the dog back to the practice is of any blood and for further diagnosts testing, but when the dog arrived in the partice (around 2.3°C) am it deed. Dog we have the comparation of the partice is the partice (around 2.3°C) and it deed. Dogs results dog has beet out into the periaration resulting in cardiac temponade. Sugacion of hearing observable that the comparation of the partice is the product contractive of the comparation of the comparatio	Crossbred	Not Known	Nobbac L4, suspension for injection for obj1,1/M,7.24. Dose (13/05/2014-13	N - Unlikely	Reasonable association in time. However, autopy report states cause of death is cardia cumprouse (probably due to bleeding of a suspected hemangiosarcomo the rigit atrial appendage). Therefore, causality N.

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NOBIVAC L4	NL-NLINTVINT-2014-NL-00360	Netherlands	Animal	Canine/dog	10 Week(s)	11/05/2014	12/05/2014	2 :	2 0 11/05,	Known, <e> <bi td="" yes<=""><td></td><td>No Data</td><td>SAR. On 11 May 2014 2 dogs were vaccinated with Nobwac DIP and Nobbuc L4. 1 dog (female) developed as wolfen face (ears, nose and lips) 1 hour after vocarization. Sie was restend with dexamethasone and 1-2 hours later the swelling was all gone. The other dog (male) developed vomiting and diarnhose the day after vaccination. He was still alter and didn't seemill (unknown if this pup was treated for these symptoms and if the pup recovered yet or no.1). Both pups were vaccinated with Nobbuc Pupp Pa the age of evelow without any adverse reaction. No further information expected. [Reason for use for product: Generic: LEFTO*4[CT_CAN_GRIPP_BBAT] KB Brand: NOBIN/AL L4 IOXIDS 54T Reason Vaccination Generic: CPP LV Brand: NOBIN/AC DHP 10XIDS 610 Reason: Unknown.] [State of health: Unknown]</td><td></td><td>2.2</td><td>Nobivac DHP - 1,N/A,N/A,24,1 Dose (1,1/05/2014) >BR>Nobivac L4, suspension for injection for dogs- 1,N/A,N/A,24,1 Dose (11/05/2014- 11/05/2014) >BR></td><td>B - Possible</td><td>CA agree with causality assessment and comments of the MAH. Causality 8.</td></bi></e>		No Data	SAR. On 11 May 2014 2 dogs were vaccinated with Nobwac DIP and Nobbuc L4. 1 dog (female) developed as wolfen face (ears, nose and lips) 1 hour after vocarization. Sie was restend with dexamethasone and 1-2 hours later the swelling was all gone. The other dog (male) developed vomiting and diarnhose the day after vaccination. He was still alter and didn't seemill (unknown if this pup was treated for these symptoms and if the pup recovered yet or no.1). Both pups were vaccinated with Nobbuc Pupp Pa the age of evelow without any adverse reaction. No further information expected. [Reason for use for product: Generic: LEFTO*4[CT_CAN_GRIPP_BBAT] KB Brand: NOBIN/AL L4 IOXIDS 54T Reason Vaccination Generic: CPP LV Brand: NOBIN/AC DHP 10XIDS 610 Reason: Unknown.] [State of health: Unknown]		2.2	Nobivac DHP - 1,N/A,N/A,24,1 Dose (1,1/05/2014) >BR>Nobivac L4, suspension for injection for dogs- 1,N/A,N/A,24,1 Dose (11/05/2014- 11/05/2014) >BR>	B - Possible	CA agree with causality assessment and comments of the MAH. Causality 8.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00478	Netherlands	Animal	Canine/dog	12 Week(s)	20/05/2014	18/06/2014	1 :	1 0 27/05,	014 Yes,-GR-SH-SH- N-GR-SH-YH- GR-SH-SH-SH- BR-SH-SH-SH- N-GR-SH-Y- >GR-YH-SH-YH- SH-YES,-GR- R-YES	es, necrosis,Injection site lump,Injection site warmth BR	No Data	Suspected Adverse Reaction. On 20 May 2014 the dog was vaccinated with Nobbac KC, Nobbac Paw Can Nobbac L4. I week later there was a small lump at the injection site which went away spontaneously (without any treatment). On 11 Jun 2014 the dog was vaccinated with Nobbac CHP, Nobbac L4 and Nobbac L6 and Nobbac Rables after which a large (size of an orange) lump developed at the injection site (unknown when exactly this developed). On 16 or 15 Jun 2014 the lump burst open. On 16 Jun 2014 and the dog was taken to the vet who washed the wound and started reatment with Norocrap (carprofer and Clasubactin (amoxicillin-clavic acid). On 17 Jun 2014 the dog was taken back to 16 we vet again because the wound seemed to be getting bigger. A large part of the skin is becoming necrotic and nect to the wound another lump is developing which feels warm. According to the vet the new lump was not ripe enough to poen yet. The wound was cipped, disinfercted and flushed. Metrazol (neteronidazole) was added to the treatment. Follow-up information pending. (Reason for use for product: Generic LEPPU PST PSW/CLF ANNO CL STORTIS 610 Reason Unknown. Vaccination Generic CANINET PAWO LV STANCH STORTIS 610 Reason Unknown.	Munsterlande	9.2	NOBINAC DIP JONIDOS 610 - JANAN/A 24.1 DOS (11/05/2014- 11/06/2014)-RBN-RBN-NOBINAC KC 25XIDS-75XIDS ISI 610 - 11/A)A/A/A 24.1 DOSE (20/05/2014- 20/05/2014-98-RBN-NOBINAC L4 JONIDOS 537 - 1.N/A/A/A 24.1 DOSE (22 Dayls) 20/05/2014- 21 Dayls) 20/05/2014- 21 Dayls 20/05/2014- 20/05/2014-RBN-RBN-NOBINAC PARVOC-1 CHILD SIG 01 - 11/A/A/A/A 24.1 DOSE (12/05/2014- 24.1 DOSE (11/06/2014-	B - Possible	Time to onset of clinical signs is compatible. Clinical signs (partly file harmacological profile of the product. Other causes are possible and several MMPs used concurrently but product involvement is suspected. Therefore causality 8.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00500	Netherlands	Animal	Canine/dog	14 Year(s)	23/05/2014	25/06/2014	1	0 24/05/	Post Process of the second Process of the se	es, of	No Data	Suspected Adverse Reaction A round 23 May 2016 (exact date unknown) the dog was succinated with Nobbace Pt, Robbace K. and Robbace L. About 24 hours late the dog unique to like the house, was realtess, puddled with its limbs and lost consciousness. The dog was taken to the vet but when it arrived the vet saw on abnormalities amymore. As a precaution the dog was traced with Steolid (slazepam). On 17 Jun 2014 the dog received a bootser vaccination of Nobivac L4, 24 hours later the dog showed an identical reaction as after first succination. The vet thinks these gymptons indicate an epileptic selture. It is unknown if the dog has had any epileptic seltures before the vaccination in May 2014. No further information expected. [Reason for use for product: Generic LEPTO*QICT_CAN_GRIPP_BRAT] kB Brank: NOBIVAC 14 IDXICS 547 Reason: Vaccination Generic EANINE PARAINIFICENTAL VI Brank 140RIVAC PL IDXICS 150 Reason (Unknown.) [State of health: Unknown.)	Jack Russell Terrier		NOBINK KC 25XLDS-25XLDS DIL 610 - 1.N/A.N/A 2.4,1 Dose (23/05/2014- 23/05/2014-RR-8-BB-NOBINVAC L4 123/05/2014-17.N/A.N/A 2.4,1 Dose (23/05/2014-17/06/2014-SR-8-BB-NOBINVAC PI 10XLDS 610 - 1.N/A.N/A 2.4,1 Dose (23/05/2014-23/05/2014)-BR-6BR-	B - Possible	Time to onset of clinical signs is compatible. Clinical signs could be triggered by any vaccination and occurred at both vaccination moments. Several VMP's used concurrently and Poblevac Le was view of contracted VMP. Other causes are possible but product involvement is suspected. Therefore causality it.
	NL-NLINTVINT-2014-NL-00503	Netherlands	Animal	Canine/dog	11 Year(s)	01/06/2014	29/12/2014	1	0 01/06,	Yes, -BR>-BR>+BR>-BR>+BR>-BR>+BR>+BR>+BR>+BR>+BR>+BR>+BR>+BR>+BR>+	es, (see also 'Cardio-vascular' and	No Data	Supercted Adverse Reaction. The dog was vaccinated with Nobwa C.B. Nobwa CB and Nobbwa CBable (unknown when eastly). Within 15 minute the dog collapse, And pale mucous membranes and a high public rate. The vet treated the dog with intravenous fluids and arithistamine. The dog restard well to this but 1 hour later the dog developed and exids in, therefore the vet also gave Sold-date-corted (predission). After this the dog was stable (but unknown if the dog recovered completely). Follow-up information periods: 20 the 2014 stateful vet did not supply the follow-up information. No more information expected. (Reason for use for product: Generic: EPTO*4(ITC,LAN,GRIPP,BBAT) to Blanck NOBINAC 15 IDIOIS 557 Reason Vaccination Generic CANINE FARAMITURDAL VI Brazil. RABIES 10X10S 510 Reason: Unknown.) [State of health: Unknown]	Jack Russell h Terrier	Not Known	NOBINAC PI - 1_N/A.N/A .24.1 Dose (01/06/2014)-01/06/2014-01/06/20	B - Possible	Time to onset of clinical signs is compatible. Clinical signs could be triggered by the vaccinition and are mentioned in the product lef ormation. Several VMP's used concurrently. Other causes are possible but product involvement is suspected. Therefore causality B.
	NL-NLINTVINT-2014-NL-00504	Netherlands	Human	Human	Not Known	23/06/2014		1		1014 Not Known	Injection site swelling_Injection site stiffness	Not Known	Around 23 Jan 2014 (exact date winknown) the vet wanted to vaccinate a dog with Nobivac L4. Before the vet could inject the dog, the dog jumped up agains for which caused her to caccinatily inject herself in the thumb. According to her only the needle went into her thumb but no fluid (plotkbac L4) was injected. She desirieded her thumb with alchoid and put a plaster on it. About 3 hours late her thumb became stiff and she was advised by MSD to contact her doctor. She will be contacted soon by MSD to check the outcome. Follow-up (27) and 2014; eventually her vet's whole hand up to the wrist became swellen. She tool accessminghen and cooled the hand. She dod doctors to the contact the contact of the cont	Human	Not Known	NOBIVAC L4 10X1DS 547 - 	A - Probable	Ressonable association in time and anatomical site. Causality A.
	NL-NLINTVINT-2014-NL-00510	Netherlands	Animal	Canine/dog		23/06/2014	26/06/2014	1		1014 Yes	Polydipisa Listless, Weakness, Fever Blood in urine, Decreased urine concentration	, No Data	Suspected Adverse Reaction. On 23 Jun 2014 the dog received a booster vaccination of Noblvac L4. The next day the owner called the vet because the day was intitises. The vet advised the owner to just wait and see for 1 day. On 25 Jun 2014 the dag was taken to the vet where the vet saw: feer (40.50c tillsets, wobbly when standing (IVDDAG Accorded as weakness), blood in unite and two varies density. According to the owner the dog drank a lot. Treatment was started with antibiotics and Frandyne (Hunkinel) and the next day the dog was a lot better (for Lundown III dag recovered completely). On 2 May 2014 the dog had received the primary vaccination of Noblwa L4 with no adverse reaction. No further information expected. [Reason for use for product: Generic: LETO* 40ff.CT.GAK.GRIPP.BRAT] XB Brand. NOBIVAC L4 10XIDS 547 Ressor. Vaccination [State of health: Unknown]). 5		(23/06/2014-23/06/2014) RR> RR>	O1 - Inconclusive	Close association in time. Listless it a known side effect of vaccination in general. Fever is mentioned under 4.6 of the SPC. Heematuria and polydippia are not known side effects, and could be indicative for urinary tract infection. Good response to treatment with antibiotics and maid can be expected both in vaccination associated fever as urinary tract infection. Insulficient data. Product the volvement is possible. Therefore, causality 0.1.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00526	Netherlands	Animal	Canine/dog	3 Month(s)	15/04/2014	24/07/2014	1	1 1 12/05,	No, GBX-GBX-GBX-R R-GBX-GBX-N Known		Not Known	Suspected Lack of Expected Efficacy, On 15 Apr 2014 a laboratory dog which was used for a batch safely test by MSO was vaccinated with Nobbox DHP9 and Nobise LC. The pup had previously received a vaccination with Nobbac Pupp NP on 25 Mar 2014. On 5 May 2014 the dog left MSO to due adoption. Mether the pup left the had no clinical symptoms at all but about 11 week later she became sick (unknown which symptoms were seen) and eventually died (around 16 May 2014 but exact date unknown), Autoppy was performed and the results state the dog had acute entertilis and the microscopic and histological picture are indicative for a acute infection with Canine Parvovirus (not specified on starin), Follow-up information pending. Follow-up 16 14 J0 2015; Honen puplet MSO on May 2014, it was brought to a shelter. The pup had not received the "standard" vaccination schedule used in the Netterland (therefore extra habel use), but seeping it was vaccinated with Nobusc Durply DR at the age of 9 weeks and Nobusc DHPR at 12 weeks, protection against Parvovirus may be expected No Interfine Information expected. (Reason for use for product. General CMPF) LOS Wards (NOBNIC 4 LOS MORNIC 6 LOS MESON). [State of health. Good]	Beagle	Not Known	NOBINAC DHPFI - 1.3/I/A.N/J. 24.1 Does Once (15/04/2014 - 15/04/2014-SR-HB-Nobbyac L4, suspension for injection for dogs - 1,N/A.N/J. 24.1 Dose Once (15/04/2014-15/04/2014)-SRGBR	No assessment performed	Autopsy is indicative for Pano, L4 concomitant use.

	NL-NLINTVINT-2014-NL-00539	Netherlands	Animal	Canine/dog	5 Month(s)	14/03/2014	06/01/2015	1 1	1 28/06/	0.14 Not Known, dBX-dB Vision	mucous membranes, Anuria, Renal f aliare, Death y cut and a manais. Appetite to say, a manais. A m	Other	SLEE. Dog was vaccinated with Nobwac L4 in March 2014 and boostered in April 2014. On 80 Jun 2014 the dog was brought to the veterinarian because of vorniting 0.1 1/J 2014 MSV was informed on this and also ketnus and kidney fallure were reported. Veterinarian suspects (epitospirosis. On 2.1 at 2014, the dog was in very bad health, had free fitted in the abdomen, anutin. Follow up. 7/J 2014/10 Gy was vaccinated with Nobwac Pairo C and Nobivac L4 and took Jake cen of Apr 2014. Dog was estimated on 6.1 at 2014. Research confirmed that the dog law leptospirosis (Fliat test), Follow-up (7.1 at 2014), dog ward and district on 6.1 at 2014. Research confirmed that the dog law leptospirosis (Fliat test), Follow-up (7.1 at 2014), dog ward and districts), and and districts. On 8.0 at 2014 the owners was the macross membranes were yellow. Went to the two and districts on 1.0 at 2014 the owners was the macross membranes were yellow. Went to the vaccination was extreme kterns and dog was listens. Now blood tests, which were indicative of remail failure and liver failure. Treatment was started with iv. fluids, antibiotics (metronidazoi - another type of which is sunclear which now exactly). Ulcogant (uscarlatati) and construction with mucous and blood, seemed naivesaue, une productions topology, didn't want to eat and on the ultrasound the wet saw a lot of fire fluid in the abdomen and enlarged kidneys. The prospection of the control of	s t t :s5)	Known	NOBINAC DHPPI IDXIDS 610- 11/N/A/N/A, 24,100c (@/n/8/7)214- 0/6/2/1014;eRFRB-NOBINAC L4 10XIDS 547 - 1.N/A/A/A, 24,10c 10XIDS 540 - 1.N/A/A/A, 24,10c 10XIDS 540 - 1.N/A/A/A, 24,10c 10XIDS 610 - 1.N/A/A, 24,10c 10XIDS 610 - 1.N/A/A	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00555	Netherlands	Animal	Canine/dog	11 Year(s)	01/07/2014	07/07/2014	2 1	0 01/07/	014 Yes, R> Ye		No Data	ASSAR. Two dogs were vaccinated with Nobivac L4 and Nobivac Rabies. Three hours later one odg had as dogs of the Nobivac Rabies. Three hours later one odg had as the Nobivac Rabies. Three hours later one was for first one and was stiff for short of minutes. Afterwards the dog was the Nobivac Rabies	n Boston Terrie	r Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,N/A (01/07/2014- 01/07/2014): BR> BR>-NOBIVAC RABIES 10X1DS 610 - 1,N/A,N/A 24,N/A (01/07/2014- 01/07/2014)- BR> BR>	O1 - Inconclusive	Reasonable association in time but other factors have not been ruled out. Other vaccine administered concomitantly. Therefore, causality O1.
	NL-NLINTVINT-2014-NL-00576	Netherlands				23/06/2014		1 1		014 Yes	Restlessness, increased heart rate, Gastric torsion, Irregular breathing, Death, Spleen torsion	No Data	Dog was vaccinated with Noblack L4 on 23 June 2014. The second vaccination was in the moning of 15 July 2014. In the evening, the dog was restless and had an increase breathing and heart rhythm. The next morning the dog was Gead. Autorps will be performed. Waiting for more information. Follow- 123 Jul 2014; autopy results: dog had a gastric torsion including a torsion of the spieen. No further information expected. Reason for use for product: Generic: EPTO*4[ICT_AM, RIPP_BRAT] KB Brand: NOBIVAC L4 10X1D5 547 Reason: Vaccination]. [State of health: Good]			NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose Once (22 Day(s) 23/06/2014- 15/07/2014/ >BR>	N - Unlikely	According to the autopsy results, the dog died due to gastric torsion including a torsion of the spleen. Therefore, causality changed to N-causality.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00585	Netherlands	Animal	Canine/dog	11 Year(s)	03/04/2014	21/07/2014	1 1	0 28/04/	014 Yes	Vomiting Nephropathy, Frequent urination, Appelle to loss, Listies, Hypoalbuminaemia, Bit of in urination, appelle abnormalities NOS-proteinuria, Hypoproteinaemia, Licking, Ahnormal ultrasound finding	No Data	Sisapected Adverse Reaction. On 7 Mar 2014 the dog was vaccinated with Nobivac IDPPN, Nobivac Rables and Nobivac I. 4. On 3 Apr 2014 the dog received a bootster vaccination of Nobivac I. 4. On 3 Apr 2014 the dog received a bootster vaccination of Nobivac I. 4. On 3 Apr 2014 the dog started licking her vulva and urinating small amounts of urine a lot. The vet did some blood tests (hematology), no abnormalities were seen. Traintern was started with Rimady) (carproferal) and the next day urine was tested; positive for blood and protein, concentration normal. Vet suspected bladed irrefection and started restament with Symbol (Annoxille) index act 201, About 2 days later the dog started worming, had loss of aspettle and was listless. Netocolopramide was given (unknown when exactly). 9 May 2014 blood tests were often again; albumia and trail protein were to low. Also protein/creatinine ration in the urine was very high (7.7, should be cd.5). On 20 May 2014 to low, with 10 aproximation and the solid protein were to low. Also protein/creatinine ration in the urine was very high (7.7, should be cd.5). On 20 May 2014 to low, with 10 aproximation was once: small amount of free fluid in the abdomen and slightly enlarged liver. Also blood tests, positive for Eritichia canis antibodies, but PCF Was negative. Conclusion of the specialist was Protein to sings Nephropathy prossible vasue by Eritichia canis. Treatment with doxycycline was started a saprim, Fortecro (Benazepini) and a kidney defice. On 31 Jun 2014 the dog had improved more (but still not completely better), albumin level had improved as lot to protein/creatinine ration ball cincreased again. Anound 15 Jul 2014 the dog was still oling quited in fight to now potassium and phosphons were elevated. I paistine was added to the treatment, thoo wycycline was storeine from a fight of the one protein control of the solution of the proposed more for product: General: ErrO'4 (Err,CAM,GRIP) 8AAT) is 8 rand: NOBIVAC L4 10XLID 547 Reason Vaccination) [State of health: Good]	Pyrenean x Sheepdog - smooth facec	14.6.	NOBHVAC L4 IDXIDS 547 - 1 JAI/A/NA/A, 24,1 bos (03/04/2014- 03/04/2014)*BR~BR>	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
	NL-NLINTVINT-2014-NL-00632	Netherlands		Canine/dog		22/07/2014	05/08/2014	1 1		014 Yes	njection site abscess, njection site swelling. Vomiting, Malodour, Death by euthanasia, Anorexia, Itisless, Retuct ant to move, Fever, Abnormal test result, General illness		Sisapected Adverse Reaction. On 22 Jul 2014 the dog received a booster vaccination of hobbxes L4 gright price of the control	4 2r		NOBIWAC L4 IDXLIDS 547- JUA/AN/A, 24,1 loose (22/07/2014- 22/07/2014):BR> 	B - Possible	Time to onset of clinical signs is compatible. Clinical signs are mainly confirm the pharm/hox profile and mentioned in the product information. Product involvement is supected and situation was growing worse because of bacteria (possible from skin). Therefore causality 8.
NOBIVAC L4	NL-NLINT/INT-2014-NL-00652	Netherlands	Animal	Canine/dog	15 Month(s)	15/07/2014	30/09/2014	1 1	0 29/07/	Known, <bf< td=""><td>> 'neurological'),Reddening of the B skin,Skin swelling,Localised pain</td><td>No Data</td><td>Supported Alverse Reaction. On 15 all 2014 the dog was vaccinated with Noblwac DHP and Noblwac LA. About 2 weeks later the dog developed crusts on its back and had problems with its sight of the leve. On 7 Aug 2014 the dog was taken to the vet who saw inflammation of the skin with redness, cructas and swelling on the dog's back. The skin also seemed painful. In the left eye the vets aw a mass in the anterior chamber originating from the iris. Treatment was started with Cefaral (cephaleuni) and the dog was sent to an eye specialist. Tollow-up information pendig. Follow-up 14 Aug 2014: dog went to the eye specialist on 13 Aug 2014. Mass in eye was hardy visible anymore, therefore eye specialist thinks it is not a tumor but an inflammation. Dog will go back to the specialist again in 1 week. Follow-up information pending. Follow-up information. Follow-up informat</td><td>Anatolian t Shepherd Dog</td><td>71.6</td><td>Milbemsx Large Dog. *N/AN/A/N/A 2A_Uhrknown (15/07/2014 15/07/2014):BR8BNOBIVAC DHP 1001D6 501 -11/4/N/A/2 4,1 Dose (15/07/2014):BRBB-NOBIVAC (4 10X1D5 547 - 1.N/AN/A 24,1 Dose (15/07/2014-15/07/2014):BRBB-</td><td>N - Unlikely</td><td>Time to onset of clinical signs in other long. Clinical signs do not fit fire pharmacological profile of the product. However, anaphylactic is mentioned in the product information but it. o. seem too long, insufficient data. Other causes are more likely. Therefore causality N.</td></bf<> 'neurological'),Reddening of the B skin,Skin swelling,Localised pain	No Data	Supported Alverse Reaction. On 15 all 2014 the dog was vaccinated with Noblwac DHP and Noblwac LA. About 2 weeks later the dog developed crusts on its back and had problems with its sight of the leve. On 7 Aug 2014 the dog was taken to the vet who saw inflammation of the skin with redness, cructas and swelling on the dog's back. The skin also seemed painful. In the left eye the vets aw a mass in the anterior chamber originating from the iris. Treatment was started with Cefaral (cephaleuni) and the dog was sent to an eye specialist. Tollow-up information pendig. Follow-up 14 Aug 2014: dog went to the eye specialist on 13 Aug 2014. Mass in eye was hardy visible anymore, therefore eye specialist thinks it is not a tumor but an inflammation. Dog will go back to the specialist again in 1 week. Follow-up information pending. Follow-up information. Follow-up informat	Anatolian t Shepherd Dog	71.6	Milbemsx Large Dog. *N/AN/A/N/A 2A_Uhrknown (15/07/2014 15/07/2014):BR8BNOBIVAC DHP 1001D6 501 -11/4/N/A/2 4,1 Dose (15/07/2014):BRBB-NOBIVAC (4 10X1D5 547 - 1.N/AN/A 24,1 Dose (15/07/2014-15/07/2014):BRBB-	N - Unlikely	Time to onset of clinical signs in other long. Clinical signs do not fit fire pharmacological profile of the product. However, anaphylactic is mentioned in the product information but it. o. seem too long, insufficient data. Other causes are more likely. Therefore causality N.

NOBIVAC L4	NL-NLINTVINT-2014-NL-00661	Netherlands	Animal	Canine/dog	4 Year(s)	20/03/2014	14/08/2014	1	1 0	25/03/2014	Yes	Pain NOS,Acute renal failure	No Data	Suspected Adverse Reaction. On 20 Mar 2014 the dog was vaccinated with Nobivac L4. On 25 Mar 2014 the dog had symptoms of pain and was taken to another vet who suspected the dog had a neck hernia. That day there were no abnormalities of the kidney function. On 30 Mar 2014 the dog had a acute renal insufficiency. Unknown in 7 ow what lain of treatment was started but the dog did recover fully junknown when exactly. Before the dog was vaccinated on 20 Mar 2014 it had a period of lameness. It was treated for this with NSAUS, treatment need about 3-4 weeks before the vaccination. No further information expected. [Reason for use for product: Generic: LETO*41CC.KAM.REPREART WAS REASON (DATE VALLED THE ART VALLED THE VALLED	Leonberger	Not Known	NOBIVAC L4 10X1DS 547 - 1.N/A.N/A, 24,1 Dose (20/03/2014- 20/03/2014) BR> BR>	N - Unlikely	Time to onset of clinical signs is rather long. Clinical signs do not fit the pharmacological/toxicological profile of the product. Other cause are more likely such as un underlying disease. Product involvement is unlikely.
NOBIVAC L4	NI-NLINTVINT-2014-NI-00664	Netherlands	Animal	Canine/dog	9 Week(s)	30/07/2014	18/08/2014	1 1	1 0	30/07/2014	Yes, Yes, CBR>CBR>Yes, CBR>CBR>CBR>CBR>CBR>CBR>Yes	Increased heart rate, Shock,Pale mucous membrane,Diarrhoea,Bloody diarrhoea, Ornnting, Decreased appetite,Prolonged capillary refill time	No Data	health: Lukroom). Sospected Adverse Reaction. On 30 Jul 2014 the dog was vaccinated with Notiviace Painor-C. Notibac v. and Noblace KC. About 2.5 hours later the dog started vomiting and had diarrhose. The dog was taken to the vet: the dog dap ale mucous membranes and the capital yrefill time could not be determined. Heart rate was 200 bpm and according to the vet the dog was going into shock. Temperature was normal. Treatment was strated with flitch (if pubcos) E.C., an injection of dearmentsions and Creenin (naroptant). Food was offered but the dog did not want to ext. The dog seemed to be a bit better (less paid) after fluids and was taken home. In the right the dog had bloody districtions once. After about 24 hours the dog had recovered, No further information expected. (Reason for use for product. Generic: GAMMER ZANGVU Standt NOBING/ ENOYC STUDIES OIL Beason: Vaccination Generic: Bit California (P II BA) V Brandt NOBING/ ENOYC STUDIES OIL Beason: Vaccination Generic: Bit California (P II BA) V Brandt NOBING/ ENOYC STUDIES OIL Beason: Unknown.)	4 Crossbred	Not Known	NOBIVAC KC 25XIDS+25XIDS DIL 610-1,M/A,N/A,24,1 Dose (30/07/2014- 30/07/2014-887-8B-NOBIVAC L4 10XIDS 547-1,M/A,M/A,24,1 Dose (30/07/2014-8B-NOBIVAC PARVO-C10XIDS-6BN-8B-NOBIVAC PARVO-C 10XIDS-6BN-8BN-NOBIVAC PARVO-C 10XIDS-6BN-8BN-NOBIVAC 30/07/2014-8BN-8BN-NOBIVAC 30/07/2014-8BN-8BN-8BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9	B - Possible	Time to onset of clinical signs is compatible. Clinical signs fit (partly) the pharmscological/proscological profile of the product. Other causes are possible and concomitant use of several products, but product involvement is suspected (possible vaccination reaction, hypersensitivity reaction). Therefore causality 8.
NOBIVAC L4	NL-NLINTVINT-2014 NL-00658	Netherlands	Animal	Canine/dog	17 Week(s)	08/07/2014	01/10/201-	3	1 0	18/07/2014	Not Known, -BR->BR -SBR->BR->BR Not Known	Elevated bile acids.Laites, Ahnormal test result, Weight loss, Lack of efficacy, Elevated creatinie, Decreased appetite, Yellow mucous membranes, Hepatitis, Yomiting, Siep pines - neurological disorder, Elevated total billrubin, General illness	Not Known	State of 1987. Moreover of popy was successful with Nobines Panoc. C and Noblace L No B Isl 2014 the pury sever vaccinated with Noblace DIPP of TBPIF (under a with not fine the no, fincent or March 1987). The state of 1987 the pury stayed at the breeder. The breeder was informed that 1 of the sold pups had become size, on 15 Jug 2014 (unknown which symptoms were seen) and the attending vet of that pup sent the pup to a specialist clinic where the pup to a specialist clinic. There leptoprosis was diagnosed filt unclear which find frest was used. On 16 Aug 2014 as excord pup which was sold to a different owner also became sick (unclear which symptoms were seen). The attending vet of that pup is one of the pup to a specialist clinic where they see Leptopsproad as a possibility four test results not back yet]. Follow-up information pending. Follow-up 10 Aug 2014 bloom dogs do come from the same better. They pup that became sick on 15 Aug 2014s from a previous litter and therefore older. Also for this pup it is now called to the substance of the pup that became sick constant with Noblace L do but culcies with product was used (therefore the pup that became sick constants with Noblace L do but culcies with product was used (therefore the pup that became sick constants with Noblace L do but culcies with product was used (therefore the pup that became sick constants with Noblace L do but culcies with product was used (therefore the pup that became sick constants with Noblace L do but culcies with product was used (therefore the pup that became sick and the pup that became sick constants with Noblace L do but culcies and the pup that became sick and the pup that became sick constants with Noblace L do but culcies and the pup that became sick and the pup that the pup that became sick and the pup that the pup that became sick and the pup that the pup that became sick and the pup	Labrador) Retriever	Not Known	NOBINYC DHP JONIDS 410- J.NA/NA/A 24.1 Does (@R/07/2014- 08/07/2014-ERN-ERN-NOBINYC L4 10XIDS 547 - J.NA/NA/A 24.1 Does (08/07/2014-08/07/2014)-BR>-€BR>-	B - Possible	CA gives with the comments of the MAM. But there is a senconversion for sengorous is a senconversion for sengorous teterohemorrhagiae, although very low. Product involvement is suspected. Therefore causality B.
NOBIVAC L4	NI-NLINTVINT-2014-NI-00671	Netherlands	Animal	Canine/dog	10 Year(s)	04/08/2014	19/08/201-	1	1 0	07/08/2014		Enlarged liver, Enlarged pupils, Pariting, Appettle pupils, Pariting, Appettle poss, Satiess, Marker inglidity, Elevated urline, Albor mail ultrasound inflinding, Behavioural disorder NOS, Restlessness, Flatulence, Diarrin cea, Yomiting	No Data	Seapected Alones Reaction. On A July 2014 the dog was vaccinated with frobles. L. The owner tool the vest she then suspected the dog had a bladder infection because the dog unsated more often than susual. The vest cheeded the units and found no belommalities except a trace of blood after 1 mixed to the vest she was a supplementation of the control of the contro	Caim Terrier	8.7	Bravecto 250 mg chewable tablets for small dogs [4-5-10 kg] - 1,0/4/M_A2_1 Tablets Once 10/4/M_A2_1 Tablets Once 06/00/2014;-EBr-Albhytose 14, suspension for injection for dogs - 1,N/A,N/A_24_1 Dose (04/08/2014- 04/08/2014)-EBr-ABR-	OI - Inconclusive	Onset of symptoms quite long (3 days) after vaccination. Dog already had symptoms of urinating more offern than normal and blood in urine Before more offern than normal and blood in urine Before symptoms which developed after vaccination. Other VMP used concurrently, insufficient data, however product involvement cannot be excluded. Therefore, causality O1.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00692	Netherlands	Animal	Canine/dog	2.5 Year(s)	25/08/2014	25/08/2014	1	1 0	25/08/2014		Muscle tremor,Chattering of teeth,Lateral recumbency	No Data	Suspected Adverse Reaction. On 25 Aug 2014 the dog was vaccinated with Nobivac DHP and Nobivac 1.4. 2 hours after vaccination the dog was brought back to the vet because of tremons over the whole body and had chattering teeth. The dog was still conscious and adlert, temperature was normal, no abnormalities of the eyes (no nystagmus or strabismus), no neurological abnormalities but was in lateral recumbency. The dog was treated with 7mil beaxderon (decamethason and later also diazepan IV. but no improvement was seen. The vet thought the dog might have the "white halve hakees syndrome." The dog originally comes from \$pain and its previous vaccination status is unknown No further information expected. [Reason for use for product. Generic: DPP IV Brandt. NOBIVAC DPP IXCIDS 508 Resons vaccination Generic: EPTP Original Conference on the Conference of th	Crossbred	13	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (125/08/2014-25/08/2014-925/08/2014)-8R>-Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose (25/08/2014)-25/08/2014)-8R>-CBR>	O1 - Inconclusive	Close association in time (2 hours) but not a known reaction to Nobivac DHP. Many possible causes, none of which have yet been investigated is insufficient data, however product involvement cannot be ruled out at this point. Therefore, causality 01.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00696	Netherlands	Animal	Canine/dog	11 Week(s)	12/08/2014	27/08/2014	1	1 1	19/08/2014	Yes, <f< td=""><td>Diarrhoea, Vomiting, Yellow mucous membranes, Death by euthansia, Elevated liver enzymes, Elevated creatinine</td><td>No Data</td><td>Sapperch diverse Reaction. On 12 Aug. 2014 a pur was vascinated with Nobwac Pavo-C and Nobiva L4 (pur was 10 weeks at the time). On 19 Aug. 2014 the pup started vomitting and had dishrheas. The viet gave medication for this. On 20 Aug. 2014 the day seemed to have septement, had elevated liver values and elevated creativine. Treatment with antibiotics and fluids was started. That evening the of had yellow mucous membranes. On 21 Aug. 2014 the day see utchanized. The breeder didn't want an autopsy to be performed. No further information expected. [Reason for use for product: Generic: LETO*4 LICT_AMERIPERAT] is Branch (SIGNIZAL LA LIDINGS 547 Reason; Vascination Generic: CANINE PARVO LV Brand: NOBIN/AC PARVO-C 10X1DS 610 Reason: Unknown.) [State of health:</td><td>C Other Canine/dog</td><td>Not Known</td><td>NOBIVAC L4 10X1DS 547 - 1,N/AN/A, 24,1 Dose (12/08/2014- 12/08/2014-BRS-BR-NOBIVAC PARVO-C 10X1DS 610 - 1,N/A,N/A 24,1 Dose (12/08/2014- 12/08/2014)-BR> </td><td>O1 - Inconclusive</td><td>Time to onset of clinical signs is rather long. Clinical signs fit partly the pharmacological/toxicological profile of the product. Insufficient data. Other causes are possible and concomitant use of two product, but product insohement can't be fully excluded. Therefore causality 01.</td></f<>	Diarrhoea, Vomiting, Yellow mucous membranes, Death by euthansia, Elevated liver enzymes, Elevated creatinine	No Data	Sapperch diverse Reaction. On 12 Aug. 2014 a pur was vascinated with Nobwac Pavo-C and Nobiva L4 (pur was 10 weeks at the time). On 19 Aug. 2014 the pup started vomitting and had dishrheas. The viet gave medication for this. On 20 Aug. 2014 the day seemed to have septement, had elevated liver values and elevated creativine. Treatment with antibiotics and fluids was started. That evening the of had yellow mucous membranes. On 21 Aug. 2014 the day see utchanized. The breeder didn't want an autopsy to be performed. No further information expected. [Reason for use for product: Generic: LETO*4 LICT_AMERIPERAT] is Branch (SIGNIZAL LA LIDINGS 547 Reason; Vascination Generic: CANINE PARVO LV Brand: NOBIN/AC PARVO-C 10X1DS 610 Reason: Unknown.) [State of health:	C Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/AN/A, 24,1 Dose (12/08/2014- 12/08/2014-BRS-BR-NOBIVAC PARVO-C 10X1DS 610 - 1,N/A,N/A 24,1 Dose (12/08/2014- 12/08/2014)-BR> 	O1 - Inconclusive	Time to onset of clinical signs is rather long. Clinical signs fit partly the pharmacological/toxicological profile of the product. Insufficient data. Other causes are possible and concomitant use of two product, but product insohement can't be fully excluded. Therefore causality 01.

NOBIVAC L4	NL-NLINTVINT-2014-NL-00702	Netherlands	Animal	Canine/dog	7 Year(s)	08/05/2014	27/08/2014	1 1	. 0	10/05/2014	Yes, Yes	Alkaline urine, Blood in urine, Shaking, Crystalluria, Retching, Seizure NOS, Cough, Listless, Abnormal posture NOS, Lateral recumbency	No Data	Suspected Adverse Reaction. On 8 May 2014 the dog was vaccinated with Nobivac KC and Nobivac L4. It was reported that the dog is sensitive to many things such as diet. A few days after vaccination the dog had blood in the urine and was listless. Avourd 22 May 2014 the dog developed a fould ny cough and retching when excited. On 30 May 2014 the dog was doing fine and received a booster vaccination of Nobivac L4. On 2012 14th evolume reported to the vet for noticed the dog waskings around with an arched back. Also the dog had one episode of lateral recumbency and shaking. Urine was brought in: pit was to high and struvite crystals were seen. Advice was to treat this with an intalitiest and insafets (but unclear if this was actually done) because results are indicative for a bladder infection. On 10 Jun 2014 the dog was doing very well but unless was checked jag and the pit was still very high and struvite crystals of the control of the con	Schapendoes	20.3	NOBIVAC KC 25X1D5+25X1D5 DIL 610 - 1,1/A,N/A, 24,1 Dose (08/05/2014- (08/05/2014)-RBNBBN-NOBIVAC LG (08/05/2014)-RBNBBN-NOBIVAC LG 10X1D5 547 - 1,N/A,N/A, 24,1 Dose Twice (22 Dayls) 08/05/2014- 30/05/2014)-BRNBRN-	O1 - Inconclusive	Some of the clinical signs reported (e.g., listless) could be related to the secondation with Nebbora C.M. Some of the other signs reported (e.g., b) only in the usy walking with a riched back, therail recumbency, shaking, alkaline urine, crystalluria) are suitable for an bladder infection, with obes not fit the toxicological profile of the product. Overall causality assessment O1.
	NL-NLINTVINT-2014-NL-00724	Netherlands	Animal	Canine/dog		22/07/2014	17/09/2014	1 1		22/07/2014	Yes	Slow heart rate, Shock, Pale microus membrane, Dijese by act to the membrane and program of the microus and th		Superetal Adverse Reaction. On 22 Mil 2014 the day was vascriated with hobbact. 14. At the time of vascriatation the owner said the day was only well but had loat a bit of weight. The dog had some warts and some dental tartar. Seeing the day was 10 years old, blood was drawn just for a general recket-up and if evaluate a genome, and opportment vould be made to remove the wast and starts. After the owner arrived at home from the vet, the day was states and became pale. The owner put the dog in a cold shower (because it was hot that day) and after that took the dog back to the vet. The vet say pale pink mucous membranes, a slow pulse (PeDDRA coded as slow heart rate) and slow respiratory rate. The vet thought the dog seemed in shock and an injection of desamentasions. The dog improved within half an hour but hadn't recovered completely yet. The owner took the dog home but there the dog started vomiting and became very per leagh. The dog was still littless and didn't want to eat the dog started vomiting and became very per leagh. The dog was still littless and didn't want to eat to the vet alpha that was partning all right. Didn't want to eat or drink anything and was taken back to the vet again where it was the complete of the vet in the morning. Now the vet heard crackels when langs were auscutated it. I, fullist were started again, another injection of desamentasions and an image were auscutated it. I, fullist were started again, another injection of desamentasions and furosemide was given. The dog started worth of the complete injection of desamentasions and furosemide was given. The dog started determining, the vet of the vet in the morning, how the vet heard crackels when hands were started algon, another injection of desamentasions and furosemide was given. The dog started determining the complex of the vet in the morning were auscutated it. I, fullist were started again, another injection of desamentasions and furosemide was given. The dog started determining were auscutated it. I, fullist were started alo	Crossbred	25.2	NOBIWAC L4 IDXLIDS 547- JUA/NA/J 2.4 Juose (22/07/2014- 22/07/2014)-BR>-BR>	A - Probable	CA agrees with causality assessment and comments of the MAH. Causality A.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00726	Netherlands	Animal	Canine/dog	9 Year(s)	28/08/2014	04/09/2014	1 1	. 1	28/08/2014	Yes	Epilepsy, Death	No Data	Suspected Adverse Reaction. On 28 Mg 2014 at 3.30 pm the dog received a booster vaccination of Noblobac Ld (primary accination was on 31 in 2019). At 7.30 pm the dog was suddenly not well and died. It seemed like epilepy. Aus before this happened the dog had been for a walk and was fed, no abnormalities were sen at that time. The dog was not sen in for autopsy. No further information expected. [Rears seen for use for product: Generic: LEPTO*4[CT,CAN,GRIPP,BRAT] XB Brand: NOBIVAC	English Springer Spaniel	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose (28/08/2014- 28/08/2014) 	O1 - Inconclusive	Reasonable association in time but other factors have not been ruled out. Case poorly documented. Causality O1.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00727	Netherlands	Animal	Canine/dog	11 Year(s)	28/08/2014	07/01/2015	1 1	. 0	30/08/2014	Yes, Yes	Hind limb paralysis, Hind limb paresis, Para paresis, Discus prolapse	No Data	14.100105-547 Reason. Vaccination! Istate of health. Unknown! Sampeted Adverse Reaction. On 28 Aug. 2014 the days was voicinated with Noblvac L4 and Noblvac. Rables 2. days later the owner noticed the day had trouble using it's back legs (VeDDRA coded as hird limb paresis). The next day the day was taken to the vet two determined the days back legs were paralyzed but it could still feel jann stimul. The day has been sent to a specialist, results are pending. Follow-up information was made. Seeing there were multiple hernistons, surgery was not adveed. According to the specialist it is very unlikely this is caused by the vaccination. The returned was stand with pending-old collations was made. Seeing rollow-up information pending. Follow-up information pending. Fol	Other Canine/dog	22.8	NOBIVAC RABIÉS - 1,N/A/N/A, 24,1 Dose (28/08/2014 - 20/08/2014) - Ben-BB-Nobivac L4, suspension for injection for digst. 1,N/A/M/A, 24, Dose (28/08/2014- 28/08/2014) - BR-BBD	N - Unlikely	Close association in time (2 days). Diagnostic tests showed cause of paresis was multiple spiral disc hemitations. Seculati indicated it is very unlikely this is caused by the vaccination.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00752	Netherlands	Animal	Canine/dog	3 Year(s)	10/09/2014	25/02/2015	1 3	. 0	11/09/2014	Yes, <br< td=""><td>Unable to stand,Depressed reflexes,Ahomani test certelexes,Ahomani test certelexes,Ahomani test de legis de leg</td><td>No Data</td><td>Supercited Adverse Reaction. On 10 Sep 2014 the dog was vaccinated with Nobivac DIPPP and Nobivac L. Hin near day the dog suddeely coulding stand on it is leg anymore and the leg collapsed. The dog was taken to the vet who found no ahonomalities on neurological examination. The dog was given an injection of 50-ul-deta-cortel (predictione). The next day the dog came back, there was no improvement. The vet noticed the knee reflex and radials reflex were absent. Blood was sent to an external lab for general test. The vet treated the dog with a coupancture. In the weekend the dog was taken to another vet who took blood to send in for an antibody test for Myasthenia gravis. Also a radiograph of the thorax was taken, no ahomalities were sene. Treatment was starded with Mestimon (pryidostigmine) and not 15 Sep 2014 the dog was doing better (but unknown if completely recovered). Results of general blood tests monocycles slightly elevated and creatine lines slightly elevated. Follow-up information pending. Follow-up (15 feb 2015): antibody test for Myasthenia gravis was negative. No further information expected. [Reson for use for product Generic LDPP1 VB Brank / NBINK/CBIPP_BRAT) KB Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT St Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT)</td><td>German Shepherd Dog</td><td>Not Known</td><td>NOBINK DHPP - 1.N/A/N/A, 24.1 Dose Once (100/90/2014 - 10/09/7014): RR-RB-Nobbyse L4, suspension for injection for dogs - 1,N/A/N/A, 24.1 Dose Once (10/09/2014-10/09/2014): RR-cBR-</td><td>O1 - Inconclusive</td><td>Clove association in time (1 day). No definite diagnosis yet and therefore unclear if there are other known possible causes. Also multiple products used.</td></br<>	Unable to stand,Depressed reflexes,Ahomani test certelexes,Ahomani test certelexes,Ahomani test de legis de leg	No Data	Supercited Adverse Reaction. On 10 Sep 2014 the dog was vaccinated with Nobivac DIPPP and Nobivac L. Hin near day the dog suddeely coulding stand on it is leg anymore and the leg collapsed. The dog was taken to the vet who found no ahonomalities on neurological examination. The dog was given an injection of 50-ul-deta-cortel (predictione). The next day the dog came back, there was no improvement. The vet noticed the knee reflex and radials reflex were absent. Blood was sent to an external lab for general test. The vet treated the dog with a coupancture. In the weekend the dog was taken to another vet who took blood to send in for an antibody test for Myasthenia gravis. Also a radiograph of the thorax was taken, no ahomalities were sene. Treatment was starded with Mestimon (pryidostigmine) and not 15 Sep 2014 the dog was doing better (but unknown if completely recovered). Results of general blood tests monocycles slightly elevated and creatine lines slightly elevated. Follow-up information pending. Follow-up (15 feb 2015): antibody test for Myasthenia gravis was negative. No further information expected. [Reson for use for product Generic LDPP1 VB Brank / NBINK/CBIPP_BRAT) KB Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT St Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT) kB Brank / NBINK/CBIPP_BRAT)	German Shepherd Dog	Not Known	NOBINK DHPP - 1.N/A/N/A, 24.1 Dose Once (100/90/2014 - 10/09/7014): RR-RB-Nobbyse L4, suspension for injection for dogs - 1,N/A/N/A, 24.1 Dose Once (10/09/2014-10/09/2014): RR-cBR-	O1 - Inconclusive	Clove association in time (1 day). No definite diagnosis yet and therefore unclear if there are other known possible causes. Also multiple products used.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00754	Netherlands	Animal	Canine/dog	1 Year(s)	09/09/2014	18/02/2015	1 1	1	11/09/2014	Yes, <4 R> <6 R><6 R>	Death, Lack of efficacy, Abnormal test result	No Data	Seperated Lack of Expected Efficacy, On 22 Oct 2013 and 19 Nor 2013 the day received a primary and bootser recirculation with Noblock L. 40 no. 50 pp. 2014 the day sex accentated with Noblock L. 40 pp. 10 pp. 2014 the day sex accentated with Noblock L. 40 pp. 10 pp. 1	Boxer (German Boxer)	24.3	NOBIVAC DHPP1 IDXIDS 610 - 1.14/A/M, 2.4.1 Dose Once 00/09/2014 - 09/09/2014; RP-sRB-Nobivac L4 - 1.14/A/M, 2.4.2 I Dose Once 1 Animal (09/09/2014-09/09/2014)-BRBR-	A - Probable	Dog was vaccinated 22-10-13, boostered on 19-11-13, and then again on 96-99-14. The dog should therefore still have immunological protection against leptospiroses based on the 2013 vaccinations, according to the 5PC. LOE is suspected. Pathomorphological changes associated with (subacule) elptospiral infection confirmed on autopsy. Therefore, causality A.

NOBIVAC L4	NL-NLINTVINT-2014-NL-00757	Netherlands	Animal	Canine/dog	8 Year(s)	06/05/2014	22/09/2014	1	1	0 09/05/2		Bruising,Immune mediated	No Data	Suspected Adverse Reaction. On 6 May 2014 the dog was vaccinated with Nobivac L4 and Nobivac Pi.	Not Applicable	e 6.7	NOBIVAC L4 10X1DS 547 -	O1 - Inconclusive	Bruising started 3 days post vaccination. Immune
											R> Yes	thrombocytopenia		3 days later the owner noticed a bruise on the dog's shoulder and in the following days more bruises developed. The attending wet treated this with an injection to Controlsstroids but in the weekend the owner took the dog to an emergency vet. This wet sent the dog to a specialist where they diagnosed the dog with immune mediated thrombotocypopenia on 19 My 2014. Treatment was started with Doxora (doxycycline) just in case the dog had an infection with blood parasites (awalting the results of this blood test) and prediscions. Blood test results for blood parasites and sow filledward factor are unknown. Therapy with precisions was planned to end around the end of Jul 2014, the dog improved but unknown if it excovered completely and if the treatment really did ent. As Orther information expected. [Reason for use for product: Generic: LEPTO*4IQT.CAM,GRIPP_BRAT) KB Brand: NOBINAC 14 JOXDS 547 Resons Vaccination Generic: CAMINE PARAINILEURAL V Brand: NOBINAC PI UNIDS 610 Reason: Vaccination [State of health: Good]	f		1,N/A/M, 24,1 Dose Once (6)(6)(5)(2)14-08P-<08P-NOBIVAC PI 10XLDS 501 - 1,N/A/M/A, 24,1 Dose Once (6)(6)(5)(2)14-08P-<08P->		mediated thrombocytopenia has been reported before but a relision with vaccination has not been substantiated but cannot be excluded either. Two products used. Therefore, causality 01.
	NINLINTVINT-2014-NL-00780	Netherlands	Animal	Canine/dog	8 Year(s)	01/06/2014	18/02/2015	. 1	1	1 12/09/2	14 Not Known	Hypersallvation, Vomiting, Dyspnoes Aespiratory distress, Death by euthanasia, Anorexia, Listless, Lack of efficacy	Not Known	Supercted Lack of Expected Efficacy, In Jun 2014 (searct date unknown) the dog was vaccinated with Nothwact Lad and In 30 Jul 2014 the dog revelved a booster vaccination. Account 21 Sep 2014 (exact date unknown) the dog developed womiting and annovas and was listless. Also the dog developed unknown) the dog developed womiting and annovas and was listless. Also the dog developed dependence of the second of	German Short haired Pointing Dog	- Not Known	Nobivac (4 - 1,N/A,N/A, 24,1 Dose (01/06/2014-19/07/2014)-BR>-BR>	N - Unlikely	Sigs were aspecific on MAT titers for all Leptopsia sorours were negative. Therefore causality N is given.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00793	Netherlands	Animal	Canine/dog	4 Year(s)	11/09/2014	27/10/2014	1	1	1 04/10/2	14 Yes, (RH-8B>-CB-9B)-RH-8B>-CB-9B-9B-9B-9B-9B-9B-9B-9B-9B-9B-9B-9B-9B	allirubiuruia.General ilines, Internatin.Rapid pulse ilates, Natematin.Rapid pulse ilates, Natematin.Rapid pulse ilates, Natematin.Rapid pulse ilates, Internative. Poesth, Jaundice, Yellow mucous membranes, Leukaemia, Inappropria te urination	No Data	Superied Adverse Reaction. On 4 Oct 2014 the dog was vascinated with Nobiwac I.4. The next day the dog became size, according to the vet the emptions were inclicative for hemolytic amenia (but unknown which symptoms this were) Unclear if the diagnosis was confirmed by diagnostic tests (therefore suspicion and not VeDBA coded). On 7 Oct 2014 the dog died and was sent in for autopy. Follow-up information pending. Follow-up (B Oct 2014): On 11 Sep 2014 the dog was vaccinated with Nobiwac DHPR). Nobiwac LPAPR, Nobi	Labrador Retriever	Not Known	NOBINZ CHEPT IDXIDS 61D - 11/NA/N/A, 24.1 DIOS GNCE (11/08/2014 - 11/09/2014-	N - Urdikely	According to the autopoly results the dog suffered from severe mychoplasia in the bone marrow which has led to enythroid leukemia. Therefore, causality N.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00794	Netherlands	Animal	Canine/dog	9 Year(s)	29/09/2014	07/10/2014	1	1	1 04/10/20		Pale mucous membrane, Death, Not, eating, Generally extended weakness, Walking affliculty, Breathlessness	No Data	Supercted Adverser Reaction. On 29 Sep 2014 a Swiss Shepherd Dog was vaccinated with Nobinac DIMPN, Robbace CA and Robbace L. On Act 2014 the dog deal after going to nother vet (weekend vet), according to that vet probably due to immune mediated hemolytic annemia (suspicion, therefore not VeDDRA codes). Follow-up information expected, Follow-up 16 Dect 2014; the ymptoms seen were acutely not eating, paper white mucosa, difficulty walking due to general weakness and better the properties of the	Other Canine/dog	Not Known	NOBINAC DIFFF-1.NI/N/N/A,24,1 Dose Once (29/09/2014- 29/09/2014-SRSRMOBINAC KC 25/09/2014-SRSRMOBINAC KC 25/05/2014-SRSRMOBINAC KC 25/05/2014-SRSRMOBINAC KC 10/05/2014-SRSRMOBINAC KC 10/05/2014-SRSRMOBINAC KC 10/05/2014-SRSRMOBINAC KC 10/05/2014-SRSRSR	O1 - Inconclusive	Reasonable association in time, time frame could fit in MIAC. Clinical signs are indicative of MIAA (plasmics of fever is not indicative of the day not suffering from MIAA), however other causes can certainly not be naded out as no diagnostic testing was done. Multiple MIAA (see MIAC) with the modern day of the moder
NOBIVAC L4	NL-NLINTVINT-2014-NL-00814	Netherlands	Animal	Canine/dog	5 Year(s)	10/10/2014	13/10/2014	1	1	1 10/10/2	14 Yes, +CR R> +CR +CR +CR +CR +CR +CR +CR +CR +CR +CR +CR +CR +CR	Death, Collapse of leg Urine abnormalities NOS, Decreased hear rate, Coma Urinery incontinence, Abnormal breathing	No Data	Suspected Adverse Reaction. On 10 Oct 2014 the dog was vaccinated with Nobivac DHP, Nobivac L4 and Nobivac KC. 5 minutes later the dog's hind legs collapsed, it uninated brown-red urine and went into a coma. The vet quickly injected dearmethasone is v. and started is v. fluids. The dog was installed and ventilated and adversalism was injected is v. direct 1 hour the dog seemed to regain consciousness a bit but another 3 -3 hours later the dog stopped breating VetODRA coded as abromail breathing, the hart stopped beating VetODRA coded as abromail breathing, the hart stopped beating VetODRA coded as decreased heart rately and two dig def. The dog came from Spain, the owner insome the dog had previously developed as swollen face after a rabies vaccination consciously to the complex of the dog of	Pug	Not Known	Nobivac DHP - 1,N/A N/A, 24,1 Dose Once (10/10/2014- 1	O1 - Inconclusive	Close association in time (5 minutes). Possibly anaphylactic shock due to vaccination, no autopsy performed to confirm this. Multiple WiPs used. Product molyement suspected but cannot be confirmed, therefore causality 8.
NOBIVAC L4	NL-NLINTVINT-2014-NL-00845	Netherlands	Animal	Canine/dog	9 Week(s)	21/10/2014	21/10/2014	1	1	0 21/10/20	14 Yes, BR>F R>BR>BR>Yes BR>BR>BR>BR>F BR>BR>F	Slow heart rate,Pale mucous membrane,Decreased respiratory rate_Listless	No Data	Sapected Adverse Reaction. A 5 week oid gap was vaccinated with Nobinac Kr. Nobinac Ltd and Nobinac Pano. Pool with a few calculation that day as said in the vet gractice by the dog became islites, was pale, had a slow public and a slow respiratory rate. The vet gave oxygen but this given no improvement, therefore the vet gave an injection of Deaderson (desamethasone). Within a few house the dog recovered. Follow-up information pending, Follow-up (23 Oct 2014; On 21 Oct the pup was vaccinated and also the hair on the new sus cipped. Shortly after the pup became listess, pale, had slow guide and a slow respiratory rate. After an injection of Deaderson the dog had fully recovered within a half an hour On 16 Oct 2014 the owner had bought fromglob at the text but unknown when or if this was administered to the pup. No further information expected. [Reason for use for product Generic: 18 CANIM P. I Fall'AV Branch (MORIVAC EX.2015.CESSIDS) DIL 601 Shortly Vasions Vasions (Generic: LEPTO*4(CT,CAN),GRIPP_BRAT) XB Branch (NOBLWAC L1 20015.55 47 Reason: Unknown).	Crossbred	1.36	NOBIVAC PARVO-C 10X1DS 610- 1.N/AN/A.24.1 Dose Once 12/13/0/2014- 21/13/0/2014-RR-SB-Nobivac KC- 1.N/AN/A.24.1 Dose Once (21/10/2014- 21/13/2014-RR-SB-Nobivac L4, suspension for injection for dogs- 1.N/AN/A.24.1 Dose Once (21/10/2014-21/10/2014)-GR-SBR-	B - Possible	Cose association in time (20 minutes). Possible hyperemolitally reaction to vaccination but other causes also possible and multiple products used.

NOBIVAC L4			Animal	Canine/do.	3 Month(s)	22/10/2014	4 11/11/2014	1	1 0	23/10/2014	Not Known, <cbr><cbr> Not Known,<cbr><cbr><cbr><cbr><cbr><cbr><cbr><cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	Addominal pain/vorsiting_Ataxia_Hypermetria_L istless_flood in faeces_Drunken gall_increased salivation_Arched back	Not . Known	Suspected Adverse Reaction. On 22 Oct 2014 the dog was vaccinated with Nobivoc DHPPF and Nobivol. L. The next day the dog vomited 4 times in the morning, was illness, was salishing a lot and was walking as if were drunk. The dog was taken to a vet (a different vet than the one who vaccinated the dog). The dog did not have a fever and here were no abmornalities on lung and heart ausculation, there were no indications for shock. The vet gave the dog an injection of metoclopramide and proposed to do some blood tests (but owner chose not to do these). On 22 Oct 2014 the dog was taken back to the vet who had vaccinated the dog on 22 Oct 2014. There the vet noticed blood in the faces, addominated an aim and dog walks with an arched back, astas and hypermetra. The dog did not have a fever and the reflexes were normal. That same day in the afference the dog was taken to yet happy IP but when exactly if what age is unknown. No timber normal report of the product Generic Depth IV Brand NOBWAC DHPP 100105 (3) Residon Vaccination Generic: EPRO-4 (IRAS) Brand NOBWAC DHPP 100105 (3) Residon Vaccination Generic: EPRO-4 (IRAS) Brand NOBWAC LIVEN (1) Vallos (1) Va	c Crossbred	6.4	Advocate Spot- on pipette size unknown - 1,18/A/N/2.4.1 Syrings/Trube Cince (22/10/2014- 22/10/2014- 82/21/02/014-8R-AB-NOBIN/4. DHPP 100/10/5610- 1,10/A/N/2.2.1 Dose Once (22/10/2014- 22/10/2014- RB-NOBIN/4. 24.1 22/10/2014- RB-NOBIN/4. Suspension for injection for dogs - 13/A/N/A 2.4.1 Dose Once (22/10/2014- 22/10/2014- RB-NOBIN/4. Carrier Spot Spot Spot Spot Spot Spot Spot Spot	O - Unclassifiable/unassessa ble	Time to onset of clinical signs is compatible. Clinical signs fig tarryl the pharmacological/hosciological sprofile of the product. Insufficient data. Concomitant use of VMPs and therefore difficult to assets. Other causes are possible and product involvement can't be excluded.
	NL-NLINTVINT-2014-NL-008			Canine/do.		15/09/2014	4 06/11/2014	1			Yes, CBR>Yes	Inappropriate defecation, Loses stool/working Lameness, Parapares is, Listless, Peluctant to move. Mucous stool, Not eating	No Data	Suspected Adverse Reaction. On 15 Sep 2014 the dog was vaccinated with Nobbwc DHP and Nobwc L4. The day Recent even fails in the near day it recovered again. On 90 ct 2014 the day received a booster vaccination of Nobbwc L4. That evening the dag defectated inside, the stool was loose with sime in II. The next morning the dag didn't want to come of of the bench. It seemed to be unable to move it's front legis. Also the dag didn't want to cent and vomited a few times. The next day the dag was lame. On 12 Oct 2014 the dag is supplied was back to normal and now it not jeewed to be lame on the left front leg. On 13 Oct 2014 the dag was taken to the vet who prescribed Metacam on the left front leg work to be compared to the left of the day of the left of the leg was taken to the vet who prescribed Metacam of the left front leg with showed some arthroads of the left shoulder and on 1 to. The day will keep taking it from the left front leg with showed some arthroads of the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left shoulder and on 1 to. The day will keep taking it does not show the left should be a should be	Maltese t:	4.6	Noblac DIP - 1.N/A/N/A 2.1 Dose Once (15/09/2014). 15/09/2014:RBN-8BN-Noblac L4-1.N/A/N/A 2.1 Dose Twice (24 Day(s) 15/09/2014-BRN-8BN-005 Twice (24 Day(s) 15/09/2014-BRN-8BN-8BN-8BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9BN-9	B - Possible	Latesmoss 1 day after vaccination with 2 products. ARON B. Loose stool, working, reflectince to move, not eating could be signs of a hypersensitivity reaction but the duration and progression of these signs after second vaccination into possible neurological, orthopedce or generalized systemic signs can have multiple etiologies and despite a finding of localized significant signs of verya, no cause could be stabilized. Vaccination is not enluded from differential diagnosis. ABON O.
	NL-NLINTVINT-2014-NL-008			Canine/do			4 11/11/2014	1 1	1 1	07/11/2014		Found dead	No Data	Sespected Adverse Reaction on 3 Nov 2014 the dop received a booster vaccination of Nobixe L1 (primary vaccination was on 6.01.2014), on 7 Nov 2014 the womer found the dop dead on the couch. There were no symptoms of liness beforehand. The dog was not sent in for autopsy, The vet thinks the dog just had acute cradiac failure due to old age. Nor further information expected. (Reason for use for product: Generic LEPTO*4QFC_ANGRIPP_BRAT) XB Brand: NOBIVAC L4 10XIDS 547 Reason. Vaccination [1 State of health: Unknown.)	Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose Once (03/11/2014-03/11/2014) 	O - Unclassifiable/unassessa ble	CA agrees with causality assessment and comments of the MAH. Causality O.
NOBIVAC L4	NL-NLINTVINT-2014-NL-009:	8 Netherlan	ids Animal	Canine/do	9 Year(s)	13/10/2014	4 21/11/2014	1 1	1 0	13/10/2014	Yes, Not R>MBR>MBR>Not Known	Fever,Elevated temperature,Apathy	y No Data	Suspected Adverse Reaction. Seeing the dog has previously reacted to succinations with fiver and satisfy the dog above receives an injection of promethazine (antihistamine) shortly before the vaccinations administrated as a precaution (and since this is given, the dog did not react to the vaccinations amymore), On 13 Oct 2018 the dog received an injection of promethazine and was vaccinated with Nobbac 1.4. About 4 hours later the dog was brought back to the vet due to a high fever (fold 8°C) and was very apathetic. The dog was treated with fluids, Deaderion (decamethazine) and cooled with acknowled 1.4. Bout 1.4. The dog was treated with fluids, Deaderion (decamethazine) and cooled with acknowled 1.4. Bout 1.4. South 1.4. The dog was treated for 1.4. Shows later the dog was brought back to the vet again with elevated temperature (35.6°C) and apathy. The vet treated the dog with an injection of predictions after which the dog recovered quick). No further afformation expected prediction of predictions after with the day recovered quick. No further afformation expected for the control of the production of the control of	Crossbred e	Not Known	Noblact L4, suspension for injection for object. No. MAIN. 24. Dose Twice (S Week(s) 13/10/2014-19/11/2014)-8Px-8BR-Promethatin e-HCL - 25/N/N/A 1.0.0.25 ml (S Week(s) 13/10/2014-19/11/2014)-BRX-BRX-BRX-BRX-BRX-BRX-BRX-BRX-BRX-BRX	A - Probable	Close association in time (several hours). Dog has had the same kind of reaction before after a vaccination and this time after primary vaccination and booster vaccination. Probably a hypersensitivity reaction.
NOBIVAC L4	NL-NLINTVINT-2014-NL-009;	9 Netherlar	ids Animal	Canine/do,	9 Week(s)	18/11/2014	4 28/05/201	5 2	2 0	21/11/2014	Yes, <f< td=""><td>Diarrhoea, Dehydration</td><td>No Data</td><td>Suspected Adverse Reaction on 18 Nov 2012 7 pg pg ppg (fitter mates) were vaccinated with Nobbuc Pano-C and Nobbuc L 3 days later both pugs developed disarhosa (colour and smel of the facess was still normal). A gierdis snap test was negative. The pups were still levely and eating and drinking well. But on 36 Nov 2014 12 ppu was admitted by another vet because of dehydrion and treatment with iv. Ruds was started. At the age of 5 weeks both pups were vaccinated with Nobbuc Pupps De without any problems. Faceca's of both upps has been sent in for testing again. Follow-up-information pending. 38 May 2015: no further information expected anymore. Reason for use for product: Generic: LETO-4 (ETC.AMS,GRIP BARIA 18 Branch NOBBVLC L4 JOLDS 547 Basson Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC PARVO-C 10X1DS 510 Reason: Unknown.] [State of health: Unknown]</td><td>Pug</td><td>Not Known</td><td>NOBINAC L4 IDXIDS 547 - 1,N/A,N/A, 24,1 Dose Once (18/11/2014- 18/11/2014-BR>-NOBINAC PARVO-C 10XIDS 610 - 1,N/A,N/A 24,1 Dose Once (18/11/2014- 18/11/2014)-BR>-CBR></td><td>O - Unclassifiable/unassessa ble</td><td>CA agrees with causality assessment and comments of the MAH. Causality O.</td></f<>	Diarrhoea, Dehydration	No Data	Suspected Adverse Reaction on 18 Nov 2012 7 pg pg ppg (fitter mates) were vaccinated with Nobbuc Pano-C and Nobbuc L 3 days later both pugs developed disarhosa (colour and smel of the facess was still normal). A gierdis snap test was negative. The pups were still levely and eating and drinking well. But on 36 Nov 2014 12 ppu was admitted by another vet because of dehydrion and treatment with iv. Ruds was started. At the age of 5 weeks both pups were vaccinated with Nobbuc Pupps De without any problems. Faceca's of both upps has been sent in for testing again. Follow-up-information pending. 38 May 2015: no further information expected anymore. Reason for use for product: Generic: LETO-4 (ETC.AMS,GRIP BARIA 18 Branch NOBBVLC L4 JOLDS 547 Basson Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC PARVO-C 10X1DS 510 Reason: Unknown.] [State of health: Unknown]	Pug	Not Known	NOBINAC L4 IDXIDS 547 - 1,N/A,N/A, 24,1 Dose Once (18/11/2014- 18/11/2014-BR>-NOBINAC PARVO-C 10XIDS 610 - 1,N/A,N/A 24,1 Dose Once (18/11/2014- 18/11/2014)-BR>-CBR>	O - Unclassifiable/unassessa ble	CA agrees with causality assessment and comments of the MAH. Causality O.
NOBIVAC L4			ids Animal	Canine/do,		26/11/2014	4 04/12/201-	1			Yes, <p< p=""></p<>	Hypersalivation,Muscle tremor	No Data	Suspected Adverse Reaction. On 26 Nov. 2014 the dog was vaccinated with Nobivac DHPP and Nobiva LA. On 1 Dec 2014 the dog developed very severe muscle termors over the entire body and therefore the dog could barely stand (not VeDDRA coded). Also the dog was hyperasilvating. The dog was taken to the vet where treatment with fulida and Vallami (dissepany) was started. Without Polours the dog improved: the hyperasilvation stopped, the tremors decreased and the dog could lay down. Blood was also tested but no abornmalities were seen. Unclear if the dog recovered fully. No other information expected. [Reason for use for product: Generic: DHPP I U Brand: NOBIVAC DHPP I DOLIDS 510 Reason: Vaccination Generic: ETPOT ADT CAND, GRIPP, BRAT] XB Brand: NOBIVAC L4 10XIDS 547 Reason: Unknown.] [State of health: Unknown]	c French Bulldo	g Not Known	NOBIVAC DHPPI - 1,N/A,N/A, 24,1 Dose Once (26/11/2014) 52(5/11/2014)-6IRR-MBR-Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose Once (26/11/2014-26/11/2014)-6IRR-CBR>	O - Unclassifiable/unassessa ble	Weak association in time (5 days). Muscle tremons have been described after vaccination forber but are aspecific and in this case no diagnostic tests have been done. Product involvement cannot be excluded but insufficient information to draw a realistic conclusion.
	NL-NLINTVINT-2014-NL-009		nds Animal		g 12 Week(s)	24/11/2014	4 04/12/2014	1	1 0		Yes, <b R> Yes</b 	Joint inflammation Polyarthrits, Joint pain, Falling, Unable to stand, Listless, Fever, Not eating, General illness	No Data	Saspected Adverse Reaction. On 24 Nov. 2014 a 12 week old Weimaraner pup was vaccinated with Noblosc DPA mobilex LPA on 10 ec. 2014 the pup was vadedny sick: littlescens and a fever (above 40 °C, The next day the pup was even more isities, still had a fever and fell over a few times. On 3 Dec 2014 the pup was valent more waster able to stand up any more. Solit had fever and waster had bet stand up any more. Solit had fever and solit started. Treatment was started with decameration and on 40 ec. 2014 the dog's temperature had diopoped: 38 °C, and the dog is eating again. The joints are still painful, the signs are indicative of polyarithtis. A pup from the same fitter ded earlier and autopsy showed mycarditals as cause of death. No further information expected. [Reason for use for product: Generic: DHP LV Brand: NOBIVAC DHP 10XLDS 54 Reason: Unknown.] [State of health: Unknown]	7	Not Known	NOBINYA CHP I DIXIDS 610 - 1.N/A,N/A .24 1 Dose Once (24/11/2014 - 24/11/2014:RR->RB->NOBINYAC L4 10XIDS 547 - 1.N/A,N/A .24,1 Dose Once (24/11/2014 - 287->BR>	O1 - Inconclusive	Association in time (7 days). Symptoms indicative of polyarthritis but a diagnostic performed to confirm this. Product involvement cannot be excluded if this would have been an immune-mediated polyarthritis, but also many other possible causes such as infectious (e.g. bacterial) and non-infectious (e.g. bacterial) and non-infectious (e.g. pacterial) and non-infectious (e.g. polyarthritis/meningitis syndrome). Causality O1.
NOBIVAC L4	NL-HLINTVINT-2015-NL-000	1 Netherlas	Animal	Canine/do,	9 Year(s)	07/01/2015	5 26/02/201	3 1	1 0	07/01/2015	Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	Hypersallvotton_Epileptic selzure_Falling_Urination_Shaking	No Data	Sapected Adverse Reaction on 7 Jan 2015 the dog was vaccinated with Nobivac CLA Nobivac LLA Nobivac CLA Nobivac Roles 1, 50 Nobiva Nobivac Roles 1,	Field Spaniel	Not Known	NOBINC DHE JOXIDS 610 - 1,1/N/A/A, 24,1 DOS GNOE (07/01/2015- 07/01/2015-	OI - Inconclusive	Time to noset of clinical signs is compatible. Stress around a vaccination may rigger epiletic sciences. Dog was healthy, had no history of setzures and was accontated with Nobou vaccines every years without any problems. Insufficient data, Other causes are possible, but product molement is suspected, therefore causality 01.

NOBIVAC L4	NL-NLINTVINT-2015-NL-00032	Netherlands	Animal	Canine/dog	10 Year(s)	04/12/2014	21/01/2015		1 0	08/01/2015	Yes, <b< th=""><th>Anaemia NOS,Yellow mucous</th><th>No Data</th><th>Suspected Adverse Reaction. On 4 Dec 2014 the dog was vaccinated with Nobivac L4 and Nobivac Pi.</th><th>Labrador</th><th>Not</th><th>NOBIVAC L4 10X1DS 547 -</th><th>O1 - Inconclusive</th><th>CA agrees with causality assessment and comments</th></b<>	Anaemia NOS,Yellow mucous	No Data	Suspected Adverse Reaction. On 4 Dec 2014 the dog was vaccinated with Nobivac L4 and Nobivac Pi.	Labrador	Not	NOBIVAC L4 10X1DS 547 -	O1 - Inconclusive	CA agrees with causality assessment and comments
	NI-NI INTVINT-2015-NI-00081		Animal								R> Yes	membranes,Decreased appetite,Abnormal radiograph finding		Sonce 8 Jan 2015 the dog hasn't been eating well. On 15 Jan 2015 the dog was taken to the vet, at that time the dog also had yellow mucous membranes. The vet did a blood test and the results showed an anemia. On an abdominal st-ray some calcification of the liver was seen. Treatment with Desadreson (dexamethazone) was stanted. On 26 Jan 2015 the results of a Coombo's test were back; the test was negative. But in the meantime the dog is responding well to the treatment (not fully recovered yet. Not further information expected. [Reason for use for product: Generic LETETO*4[ICT_CAN_GRIPP_BRAT] K& Branch NOBIVAC PL 10XIDS 547 Reasons Vaccination Generic CANINE PARANNUELINZA LV Branch NOBIVAC PL 10XIDS 5410 Reason: Unknown.] [State of health: Unknown]	Retriever	Known	1,N/AN/A, 24,1 Dose Once (04/12/2014- 04/12/2014)+GBR>=BR>NOBIVAC PI 10XIDS 510 - 1,N/A,N/A, 24,1 Dose Once (04/12/2014- 04/12/2014)+GBR> 		of the MAH. Causality O1
		Netherlands	Animal	Canine/dog	4 Year(s)	17/02/2015	31/12/2015	1	1 0	17/02/2015	Yes,4BR-4BR-Yes	Arxistey, Sieepiness - neurological disorder, Muscles stiffness, Unable to stand, Slow reflexes, Urinary tentention, Listiess, Hind limb ataxis, Flaccid muscles	No Data	Suspected Adverse Reaction. On 17 Feb 2015 at 9 am the dog was vascinated with Nobbac OHP and Nobbac AL. 15. Down state the owner range the vet because the dog was now islasses, had slept a lot, it's tall was stiff and curled upwards (like that of a scorpion), it was valking strangely on it's back legs (wadding like a dady), and the dog had a anxious look in it's eyes. In the afternoon the dog seemed to be a bit better but in the evening it became worse again and the owner took the dog to the emergency when the dog to the emergency of the dog to the emergency of the stranger of the dog to the emergency of the dog to the dog	Canine/dog	Not	Noblac DIP - 1,41/AN/A_24,1 Dose Once (17/02/2015)-1/02/2015-18R-VBT-Noblac L4, asspension for injection for dogs - 1,41/AN/A_24,1 Dose Once (17/02/2015-17/02/2015)-BR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-	O1 - Inconclusive	CA agrees with MAH causality assessment and comments
	NL-NLINTVINT-2015-NL-00083	Netherlands		Canine/dog	8 Year(s)	15/12/2014	18/02/2015	1	1 1	15/12/2014	Yes	Found dead, Istless, Localised pain NOS (see other 'SOC' for specific pain), Not eating, Disturbance in attention	No Data	Supercted Adverse Reaction. On 15 Dec. 2014 the dag was vaccinated with Nobixoc 14. On 21 Jan 2015 the dog was brought back to the vet for the booster vaccination but the owner then 1046 the vet the dag was more listless, not eating well and was less attentive than usual. According to the owner this had started shortly light unknown when exactly) after the primary vaccination on 15 Dec. 2014. They did a general physical examination but only found a painful neck. X-rays were taken of the neck but not abnormalities were seen. Also some blood tests were done but also no abnormalities were seen. Also some blood tests were done but also no abnormalities were seen. On 27 Jan 2015 the dag was refound dead in 1's basket in the morning. The dag was refound on treatment with beyond (tributance) for Cushing's dessearing climnoum when treatment for this started exactly). No further information expected. [Reason for use for product: Generic: LETPO'4(ETC.ANG.KRIP) ReaRIN BE Brand. NOBACL Let 10x1015 57 Reason: Vaccination Generic: Brand: Vetoryl Reason: Other] [State of health: Unknown]	t t	r Not Known	Nobbac L4, suspension for injection for dogs - LNA/AI, 24, Dose Once (15/12/2014- 15/12/2014)=BR>=BR>	B - Possible	CA agrees with MAH causality assessment and comments
	NL-NLINTVINT-2015-NL-00087	Netherlands		Canine/dog		16/02/2015	22/05/2015	1	1 1	17/02/2015		Hind limb paralysis, Ahnormal necropsy finding, Hyperactivity/ocalisation, H and tilt - ear discrete, Convulsion, Epilepsy, Epilep to esiture, Palling, Circling - neurological disorder (see also neurological disorder (see also disconders) Nystagumy, Sarahysis, Death stonders) Nystagumy, Sarahysis, Death the mouth, Stiffredness, Head tremor, Walking difficulty, Breathlessness	No Data	Saspected Adverse Reaction. On 16 Feb 2015 the dog was vaccinated with Nobivac L4 (booster). The next day the dog developed odd behaviour-episode of sudderly running in critice, has 1st head like, is shaking its head, screaming, then becomes tired and less down but then has convulsions. The whole body becomes stift, sometimes also facining at the mouth. In between episodes the dog is quite called but there is constant movement of the eyes (VeDDAR coded as nystagmus). The dog was taken to the vact on 18 Feb 2015 where the vet notice the dog was since for breath, temperature was 38.4 °C. Treatment given was an injection of Rapidson (decamethasone) and Abjeen (ampsclini). The dog was taken to the vact on 18 Feb 2015 where the vet notice the dog was since in 0.00 states the dog was taken to 18 eyes of the control of the con	n ne e	3.4.	Noblwat 4-1.N/A/M 24.1 Dose Once (16/07/2015) 16/02/2015)+BR>-GRP		CA agrees with causality assesment MAH. O1
NOBIVAC L4	NL-NLINTVINT-2015-NL-00099	Netherlands	Animal	Canine/dog	1 Year(s)	11/02/2015	27/02/2015	1	1 0	11/02/2015	Yes, Yes	Injection site owelling Behavioural disorder NOS/vocalisation, Diarrhoea, Bloody diarrhoea, Listless, Walking difficulty	No Data	Sepected Adverse Reaction, Dn.11 feb.2015 the dog was vaccinated with Nobinoc CRP and Nobinoc LL. 5 hours later the dog developed a swelling at the rejection site, was speaking and had difficulty walking, ddn't want to be touched and was more listless than usual. The owner gave the dog a tablet Capporal (carprofel plut then still took deg to the vit. The vert terated the dog with Suprescript Duprenorphine) and desamethasone. The next day the dog was a bit better and 2-3 days later the swelling was complety gone. On 13 feb.2015 the dog developed diarnizes and the next day there was also blood in the diarnizes. Unknown if the dog was treated for this or if the dog recovered. The dog has a history of lowel problems. When the dog was vaccinated as a put the dog also reacted to Nobinac L. See case 2013-N1-00063. No further information expected. [Reason for use for product Generic: LIDTO-41/CANGERIP BARIA IS Branch NOBINAC Let 101015 527 Resource Vaccination Generic: DIPT LY Brandt. NOBINAC DIPT 20XIDS 610 Reason: Unknown.) [State of health. Unknown]	Other Canine/dog	Not Known	Nobisec DHP - 1,W/A.W/A, 24,1 Dose Once (11/02/2015- 11/02/2015-)sen8-dBr-Mobiwac L4 SUSPENSION FOR INJECTION - 1,W/A/W, 24,2 to loos (11/02/2015- 11/02/2015):BBr-dBP	B - Possible	CA agrees with MAH causality assessments and comments
NOBIVAC L4	NL-NLINTVINT-2015-NL-00114	Netherlands	Animal	Canine/dog	5.5 Year(s)	30/01/2015	10/03/2015	1	1 0	30/01/2015	Yes	Hypercalcaemia,Polyuria,Not eating.Confused,Elevated BUN,Elevated creatinine,Polydipsia	No Data	Sepected Adverse Reaction. On 30 Jan 2015 the dag was succinated with Nobinet L4 and on 27 Feb 10315 the dag received a booster vaccination of Nobinet. A 15 Knomesher between the first and second the succination (unknown when searchly the dag developed polyuria and polylipsia and was eating less. The dag also became picky when it comes for lood, only wasts to eat certain thinise, The dag also semend to be confused, e.g. would stand in front of the wrong door. On 9 Mar 2015 the vet did a blood test and the results showed the dog flow allevation was made reactivine and criciativine and calcium. The constitution of the success of the confused of the confused of the success of the confused of the success of the confused of the success	d Bulldog	Not Known	Nobivac L4 - 1,N/A,N/A,24,1 Dose Twice (30/01/2015- 30/01/2015)<-BR><-BR>	O - Unclassifiable/unassessa ble	Not known what the time to ornect of sight was after in vaccination, or cause for elevated receivation. BUN, calcium known. Product association cannot be excluded but not enough information to draw sufficient conclusions. Therefore causality O.

NOBIVAC L4	NL-NLINTVINT-2015-NL-00116	Netherlands	Animal	Canine/dog	9 Week(s)	20/01/2015	10/03/2015	3 1	1 24/01/2	115 Yes, 6R>-6R>-6 R>-6R>-6R> Yes	Encephalitis, Meningitis, Epileptic seizure, Death	No Data	Suspected Adverse Reaction. On 20 Jan 2015 3 Shiba Inu pups were vaccinated with Nobivac L4 and Nobivac Parvo-C. Before vaccination the owner (preceder) tool the vet 1 of the pups had episodes of screaming. The vet found no abnormalities on general phylical examination and chose to also vaccinate this pup. After vaccination the pups were to their new owners. The new owner of the pup which previously screaming, Properted to the breder there was something wrong with the pup and a few days later the breeder took the pup back, thinking it was a behaviour problem. Once back at the breeder the pup had an epileptic seture, which the breeder fimed. The film was set to the vet, who told the breeder the pup had an epileptic seture, which the breeder fimed. The film was set to the vet, who told the breeder the pup had an epileptic seture, which the breeder vet where it died. The pup was set in file autops, Results: no macrosopic abnormalities. Microscopically a necrotizing encephalist and a hymphocytic meningitis was seen. A visit alrection could possibly the cause but a toxological aga cannot be excluded. No further information expected. [Reason for use for product: Central EPICP-4]CTC/ARC/MACMER/PARAY [St. 100] MERSON [St. 100] ANNOT CANNOT CENTRO GLO REASON. Unknown. [State of health: Good)	Shiba Inu	Not Known	Nobiva L4, suspension for injection for dogs - I-N/A,N/A, 24, Dose Once (20/01/2015)-cBRBB-Nobiva Pario-C - I-N/A,N/A, 24, Dose Once (20/01/2015)-BRBB-Nobiva Pario-BB-Nobiva Pa	O1 - Inconclusive	CA agrees with MAH causality assessment and comments; causality O1
	NINI.INTVINT-2015-NI-00130	Netherlands	Animal	Canine/dog		17/02/2014	18/03/2015	1 1	1 05/03/2		Vomiting,Icterus, Death,Lack of efficacy,Abnormal test result	Other	SEE for Legato On A Mar 2014 the dag received a booster vaccination of Nobivac L4 (unclear when exactly the primary vaccination was glowe). On 5 Mar 2015 the dag started vomiting and developed icterus. The attending vet serve blood and urine to a lab for testing and in the mean time sent the dag through to a specialist because the dog was suspected of Legotsprisors. The owner ddirt's ward any more tests done by the specialist due to the costs and took the dog lack home. Unknown if any treatment was given. The unifer was possible for Legotsprisors in the PCR test. Serviolgy was also performed: a very low titler of antibodies was found for I. Leterohaemorhague and no antibodies all off or the other servours. The dog died (unknown when exactly, Follow-up information pending, Follow-up (27 Mar 2015): The dog was vaccinated with Nobhac L4 on 17 Feb 2014 (primary vaccination and daw 40 2014) (bloosely fetral balle use sending time between primary vaccination and booster vaccination is 2 weeks instead of 4 weeks). At the time of the booster vaccination in decenturs. No further information pending created. (Reason for use for product: Legoteric LEGOTE, CAM, GRIPP BRAT) kB Brand: NOBWAC L4 10XLDS 547 Reason: Vaccination) [State of health: Unknown).	as	Not Known	Nobwa C.L. suspension for injection for deps - 1.NA/N., 2-1. Dose Once (17/07/014- 04/03/2014)-BR>-BR>	B - Possible	CA agrees with causality assesment MAH. Causality 8.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00156	Netherlands	Animal	Canine/dog	11 Month(s)	04/07/2014	28/05/2015	1 1	0 13/03/2	115 Yes, vBR-vBR-vB R>-6BR-vBR-ves vBR-vBR-vBR-vBR- BR-vBR-vBR-vBR-vBR-vBR-vBR-vBR-vBR-vBR-v	Yellow mucous membranes.Not drinking.Lack of efficacy.Not eating.Abnormal text result.Fleavated liver enzymes.Abdominal discomfor,Elevated BUN,Elevated creatinine	No Data	SLEE for Lepto A Labrador pay was vaccinated with Nobiwac L4, Nobiwac Parvo-C and Yoolwac KC of Jul 2014 and with Nobiwac L4 and Nobiwac LPRP on 73.0 12.03 (and also with Nobiwac Papy Dro May 2014). On 16 Mar 2015 the dog was presented to the vet because of not eating and not drinking much since 13 Mar 2015. There was no claim-lose or vointiling. The vet noticed yieldow sclera (VebDio coded as yellow mucous membranes) and the dog reacted sensitive to deep palpation of the cranial addoment. The dog was admitted, treatment with doxycycline, Cerenia (manopitar) and fillulis was started. Blood tests showed elevated Ar and elevated creatinine and ures (BUNI). On 20 Mar 2015 th dog had improved a bit but was still not eating much. The dog was then sent to a referal vet. On 23 Mar 2015 the test result of the urine came back; positive for Leptospiosis. The blood was register for Leptospiosis. But the dog had recovered and went home that day, Blood was them again or 23 Mar 2015 and was sent in to determine MAT titers and 2 weeks later blood will be draw again for MAT Itsers. Follow-up Grad profilers, result of the strength of the strength of the control Itself strength of the strength of the strength of the strength of the strength of the Itself strength of the strength of the strength of the strength of the strength of the labod has now been sent in for second MAT test; results perding. Follow-up (PAZ polising): Follow-	Retriever	Not Known	NOBINAC DHPFI - J.N/A.N/A. 24.1 Dose Once (25/07/2014- 25/07/2014-8R-N-BN-Nobwac K-1.N/A.N/A. 24.1 Dose Once (10/4/07/2014- 04/07/2014-04/07/2014- 04/07/2014-05/07/2	N - Unlikely	CA agrees with assesment MAH. Causality N
	NL-NLINTVINT-2015-NL-00166	Netherlands	Animal	Canine/dog		30/03/2015	22/04/2015	1 1	0 01/04/2		Elevated BUN_Elevated creatinine_Splenomegaly,Pale mucous membrane,Diarrhoea,Hepatomega y,Listies_Feve,Blood in Gaces_Abnomal test result_Immune mediated haemolytic anaemia,Discoloured urine	No Data	Sapected Adverse Reaction. On 30 Mar 2015 the dag received a booster vaccination of Nobivac L4 (unknown when eastly the primary vaccination was given). On 1.6 pr 2015 the dog was somewhat itidises and on 2.Agr 2015 the dag was taken to the vet because the dog was listless and wasn't eaith The dog had a fewer (40 FC, plate mucous membrane, consequent colored faces and urine. Blood tests were done: the results were indicative for inflammation and the BUN and creations were elevated. The dog was suspected of immune-mediated hemotylic amenia and sent to a specialist. A Coombis test was done by the specialist and the test was positive. On 2.Agr 2015 the dog was admits by the specialist and received a bloost er vaccination of Notivac L4 (the primary vaccination to the control of th	n, n	Not Known	NOBINZC 14 IDXIDS 547- 1,NA/N/A, 24.1 Dose Once (30/03/2015-30/03/2015)<8R> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
	NL-NLINTVINT-2015-NL-00173	Netherlands	Animal	Canine/dog	,	07/04/2015	09/04/2015	1 1		No, BR>C R>BR>Yes		No Data	Sapected Adverse Reaction. On 7 Apr 2015 the dogs was vaccinated with Nobivac DHP and Nobivac (certa label use of Nobivac DHP searlist in only needs to be given once every 3 years, but was also given in 2014, approx. 1 Apr). On 9 Apr 2015 the owner found the dog dead with no prior ymptoms. The owner does not want autopyty be performed. No further information expected. The dog has also had an AE after vaccination on approx. 1 Apr 2014, see case 2015-NI-000176. [Reason for use f product: Generic DHP US Branch NOBIVAC DHP 201025 500 Reason. Vaccination] [State of health: Usinosom!	Terrier	Not Known	NOBIVAC DHP 10X1DS 610 - 1,N/A,N/A,24,1 Dose Once (07/04/2015- 07/04/2015-BR> Nobivac L4 - 1,N/A,N/A,24,1 Dose Once (07/04/2015-07/04/2015):BR> 	O - Unclassifiable/unassessa ble	CA agrees with assesment MAH
NOBIVAC L4	NL-NLINTVINT-2015-NL-00176	Netherlands	Animal	Canine/dog	10 Year(s)	01/04/2014	09/04/2015	1 1	0 06/04/2	I14 Yes, Yes	Leucoryosis,Oral bleeding,Listless,Regenerative laneamia,Srin petechiae,Mucosa petechiae,Abnormal test result,Thrombocytopenia	No Data	Suspected Adverse Reaction. Acoust 1 Apr. 2014 (exact date unknown) the dog was vaccinated with Nobbac LP3 and yokhowic LP3. Sady size the dog was sold part to the vet because the dog was belieding from it's mouth and the dog was more quiet than usual. The dog was sedated and the vet found peterbale in the mouth and also in the groin area. Biodo tests showed a leucocytosis, a regenerative anaemsi, indications of inflammation (veDDRA coded as abnormal test result) and trombocytopeanis. Biededig times were not increased. Also the liver engines were abnormal for specified which enzymes and higher or lower than reference as it hat, VeDDRA coded as abnormal test result and the specified of the speci	Jack Russell Terrier	Not Known	NOBINAC DHF JONGIDS 610 - 1,1/N/A/N, 2.4 J DOSE ONCE (DI/QA/2014-01) DOSE ONCE (DI/QA/2014-64/BR-S-BR-Nobivac L4 - 1,N/A,N/A 2.4,1 Dose Once (DI/QA/2014-01/QA/2014)-BR>-BR>	O - Unclassifiable/unassessa ble	CA agrees with assesment MAH

NOBIVAC L4	NL-NLINTVINT-2015-NL-00207	Netherlands	Antonal	Carles (day	45.84	19/01/2015	21/04/2015		ı dı	21/01/2015	Not Known	Vocalisation.Skin lesion NOS.Skin		Suspected Adverse Reaction. On 19 Jan 2015 the dog was vaccinated with Nobivac L4 (injection site	Cavalier King	Tu-s	NOBIVAC L4 10X1DS 547 -	B - Possible	CA agrees with causality assessment and comments
			Ariental	Canineyoug	16 woning)							swelling.Littess.Localized pain NOS lice other SOCI for specific pain].Not eating.Arched back		unknown). On 21 Jan 2015 the dog was very listless, didn't want to walk or eat, had an arched back and it's stall between it's legs. The vet could'n to creat any pain and gave the dog an injection of Rapidemon (decamethasone). Later that day the dog wasn't any better and peeped when picked up. The vet gave an injection of Naviocan (melosiscam and volmend (metocologramide), gave Novacam oral suspension to take home and some special dief food. The next day still no improvement, now it seems the dog has pain around it's right front leg and shoulder. On 23 Jan 2015 the right ellow was sowlen and x-rays were made, results unknown. The Novacam was changed to Previcco (finocosib). On 24 Jan 2015 the right ellowwist or give save eners made, results unknown. The Novacam was changed to Previcco (finocosib). On 24 Jan 2015 the right ellowwist or give and rethe next day Clavabactin tablets were added to the treatment (for 7 days). On the lateral side of the humens so would developed with a 16 of forword dischaige. On 53 Jan 2015 another wound developed with a 16 of forword dischaige. On 53 Jan 2015 another wound developed with a 16 of forword dischaige. On 53 Jan 2015 another wound developed with a 16 of forword dischaige. On 53 Jan 2015 another wound was considered to the season of the season o		Known	1,N/A,VA, 24,1 Dose Once (19/01/2015-19/01/2015)⊀BR> 		of the MAM. Causality B.
NOBIVAC LA	NL-NLINTVINT-2015-NL-00222	Netherlands	Animal	Canine/dog	13 Month(s)	16/05/2014	22/05/2015	1	0 :	.,.,	Yes, GBR>GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-	Jaundice, Not drinking, Listless, Ascites, Lack of efficacy, Not eating, Abnormal text result, Increase salivation, Hypoal buninaemia, Eleva text liver enzymes, Discoloured urine, Elevated renal parameters, Vomiting, Enlarged liver, Yellow mucous membranes	No Data	SEE For Legato. On 16 May 2014 and 13 Jan 2014 Boosted the dog was vaccinated with Nobbuse LA On both Occasions the dag was also vaccinated with Other products, but unknown which. On 22 Apr 2015 the dag was brought to the vet because the dog had developed yellow mucous membranes and Indiscusses, somiting and not eating. The dog did not have a fever. Blood tests were developed and parameters and liver values were elevated. Urine was also tested and PCR test for Legiospirosis was positive. Treatment was started with antibiotics and the dog if exponding well to the treatment. Paired MAT tests will be performed. Follow-up information pending. Follow-up 30 Apr 2015: On 16 May 2014 the dog years also vaccinated with Noblova CHPPI. 2015 the dog was taken to the vet because it had a yellow abdomen and gliss since that morning was not eating and not drinking well lance 20 Apr 2015; and was sitistes. Also the dog that vomitted once on 21 Apr 2015 and once on 22 Apr 2015; and was sitistes. Also the dog that vomitted once on 21 Apr 2015 and once on 22 Apr 2015. The universal common of the sitistic sitisti	Boxer (German Boxer)	30.2	NOBINK CHIPPI IDXIDS 610 - 1,1\(\lambda\), A/A 2.4 Does Twice (4 week(s) 1,6\(\tilde{0}\), SOS/2014- 13\(\lambda\), SOS/2	B - Possible	CA agrees with causalit assessment and comments of the MAH. Causality B.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00267	Netherlands	Animal	Canine/dog	15 Week(s)	20/04/2015	01/06/2015	1	1 0:	20/04/2015	Yes, <ps, Yes</ps, 	Seizure NOS, Listless, Abnormal test result	No Data	Suspected Adverser Reaction On 20 Apr 2015 the puy was vaccinated with Nobiac DIP and Nobiac LA. That evening the dog became listes and shortly after that the dog had as sture. The attending very suspected the dog of having epilepsy and started treatment with Phenoral [phenobarhital], not diagnostic tests were done. Now the dog had be sheen taken to another vet because it still has seltures regularly. On 12 May 2015 the dog had 9 seitures and was admitted by this vet who is going to do diagnostic tests. And differential diagnosis is a porto-systemic sunti. Follow-up information pending. Follow-up (1 Jun 2015): blood tests showed an inflammatory reaction. Treatment was started with antibiotics and the dog responded well and improved as 10 kill our local if the dog has recovered completely or not). The attending vet suspects the dog had bacterial encephalitis. No further information expected. [Reason for use for product Ceneral DIP VI StartA (SORIANC DIP IDXIDS 510 Reason-Vaccination Generic LEPTO-SIGCT_KANGRIPP,BRAY) has Brand: NOBIVAC L4 IDXIDS 547 Reason: Unknown) [State of health: Unknown)	German Shepherd Dog	Not Known	Nabbac DHP - 1,N/A,N/A, 24,1 Dose Once (20/04/2015)-eBR> Nobivac L4 - 1,N/A,N/A, 24,1 Dose Once (20/04/2015-20/04/2015)-eBR> 	B - Possible	CA agrees with causality assessment and comments of MAH
	NL-NLINTVINT-2015-NL-00315	Netherlands	Animal	Canine/dog	8 Month(s)			.1			Not Known	Voorting Yellow mucous membranes, Not dinking, Beath by euthanasia, Listless, Lack of efficacy, Not eating, Abnormal test result_Elevated liver enzymes, Elevated renal parameters, Elevated bile acids, General illness	Not Known	SLEE for Legad As a pure (unknown when exacth), estimated at the age of 2.3 months) the day was vaccinated holder with holders L.4. At the age of 8 months the dog uddenly beareni ill and ded. PRC test of the blood and urine was positive for Legadogniosis. The dog had yellow mucous membranes, elsevated liver and known yashes and solo bile acids were elsevated. Results of a MAT test are pending follow-up (2.1 bit 2015): results of MAT test. L bratistava negative L. strenhemorrhagian negative L. auturmalis negative L. pomona negative L. particular negative. L. auturmalis negative L. pomona negative L. stranhold negative. L. auturmalis negative L. carricola negative. L. stavborn particular sold support of the strength of the temperacy vett. the dog was itsites and not eating well since 3 days. Since 1 day also not drinking much and when she does drink something, she worms it all back on L. in the afternoon of 20 May 2015 the dog was lost best asked not 1's own vet where it was treated with an injection for the nausea and 750 m of f fluids. X-ray had been taken but no abnormalities were seen. The emergine vet noticed the dog had very yellow mucous membranes. Textiment was started with a ninjection for the nausea and 750 m of fluids. Test had been taken but no abnormalities were seen. The emergine vet noticed the dog had very yellow mucous membranes. Textiment was started with a ninjection for the nausea and 750 m of fluids. Test had been taken but no abnormalities were seen. The emergine vet noticed the dog had very yellow mucous membranes. Textiment was started with a ninjection for the nausea and 750 m of fluids. Test she to dog was doing a [Beason for use for product: Gemeric LETOT*4(CT_CAM_GRIPP_BRAT) kill Bannet. NOBNYAC L4 10XIDS 547 Reason. Vaccination] [State of health: Unknown)	Belgian Shepherd Dog Malinois	1-	NOBINAC 14 IDNIDS \$47- JAVA/NA, 24.3 Hoose Twice (01/11/2014-01/12/2014)∗8R→8R>	O - Unclassifiable/unassessa ble	CA agrees with causality assessment and comments of the MAH. Causality O.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00342	Netherlands	Animal	Canine/dog	6 Year(s)	20/05/2015	08/06/2015	1 1	1 0:		Not Known, SR> GR > GR> GR> Yes, GR>	Melaena, Depression, Abnormal breathing	No Data	Sapected Adverse Reaction: On 20 May 2015 a day was treated with a Browcto Small Dog [250 ng] chew. On the same day the day was succinated with Noblace, LO me day after the treatment/Jaccination the day had slow where year bring and for 5 day, melaena. The day was also wery down. Dog is not treated for these owngrowns and on diagnostics were performed. On 12 May 2015 the day was also vaccinated with Merlyme. A months ago the day was treated with Previctor but its sunknown if the day still treated or if the treatment is already needed. On 80 in 2015 almost three weeks later the day is slowly recovering. No more information is expected. [Reason for use for product. Generic INURALANER CHEW TRAILETS Brands BRAVETC 3029MG 1214 BC 18 LESS near Residual Control Generic: Brand Frevictor Reason: Unknown Generic LEPTO*4(ET_CAM_GRIPP_BRAT) XB BRAND NORMACH 2010DS 547 Reason: Vaccination Generic: Brand: Merlyme Reason: Vaccination] [State of health: Unknown]	Not Applicable	e 6.5	BRIVECTO 250MG 1X1TAB EU1- 1,N/A/N, 2-4,1 Tablets Once 1 1,N/A/N, 2-4,1 Tablets Once 1 Amina (200)5275-050-050-050-050-050-050-050-050-050-0	O1 - Inconclusive	Reasonable association in time. Nowever, many causes are possible and multiple products were used. No diagnostic were performed. Therefore, there is insufficient information to draw a realistic conclusion. Resulting in the causality O1.

	NL-NLINTVINT-2015-NL-00358	Netherland:	: Animal	Canine/dog	5 Month(s)	03/02/2015	14/07/2015	1 1	. 0:	23/05/2015	R×GBR>GBR GBR GBR GBR GBR GBR GBR GBR GBR GBR	General lifness,Abnormal test result_Liver failure_Lack of efficac_Yrellow nucous membranes,Renal failure	No Data	Sapected Lack of Expected Efficacy. On 3 Feb 2015 the dog was vaccinated with Nobwac L4 and Nobwac DHPP. On 27 Feb 2015 the dog was vaccinated with Nobwac L4, Nobwac DHPP. On 27 Feb 2015 the dog was vaccinated with Nobwac L4, Nobwac DHPP and Nobwac Makes. On 23 May 2015 the dog became yell and was admitted on an intensive are medical center the dog that yellow mucrous membranes and liver and renal failure. On 29 May 2015 the results of a time test IRCFIG for testipation of the control of the properties of the p	[L. a 8 [6]	14.1	NOBIVAC DHPPI IDXIDS 610- 1,N/N/A, 24, 1 Dose (24 Dayl) 03/02/2015- 27/02/2015)-RRRR-NOBIVAC L4 DXIDS 547 - 1,N/A/MA, 24, 1 Dose (24 Dayl) 03/02/2015- 27/02/2015-RR-NOBIVAC NA RABIES 100105 610 - 1,N/A,N/A 24, 1 Dose One CT/02/2015- 27/02/2015-RRRR-NOBIVAC NA RABIES 100105 610 - 1,N/A,N/A 24, 1 Dose One CT/02/2015- 27/02/2015/-RRBR->	B - Possible	Dog tested positive for Leptospirosis in urine (PCR positive). The results of both MAT tests together indicate that the dos jurificated with Lepto, but do not indicate which serovar the dog was infected with. It cannot be excluded it was a serovar includer in Nobiwac I.4. Effectiveness of vaccination may be expected (3 months after vaccination). Therefore, causality 8.
	NL-NLINTVINT-2015-NL-00374	Netherland:	s Animal	Canine/dog	3 Month(s)	11/06/2015	01/07/2015	1 1			R> No,	Closed eyelid.Eye inflamed.Yomiting.Comeal disorder NOS,Decreased appetite,Listless,Not eating	r	Suspected Advence Reaction. On 11 Jun 2015 a 3 month old Chihushua pup was vaccinated with Nobboxe Favor-C, Nobuck 1 and Nobboxe C. On 12 Jun 2015 the owner gave the olg a deworning product. Also on 12 Jun 2015 the dog started eating less, was listless and 1 eye was inflamed. The wore rook the lopp back to the vet on 15 Jun 2015 because the pup was eating less and less and vomited every now and then. The Inflamed eye was stuck closed. The vet started treatment with CAR even intermed chinomyhericol(). On 16 Jun 2015 the pup was testing less and less and by pup deteriorated. It was not eating anymore and had vomited again once. The vet saw the cornes became less clase that no Isolos was visible. The vet think that one small drops of Nobbox CR routy have landed in the dog's eye at the time of vaccination (therefore extra label use). No further information expected. Follow-ug (1 Jul 2015): the dog was treated with KARDI's and within a few day the dog recovered completely. No further information expected. [Reason for use for product: Generic: BARDINE PLB, My Farank Ondowick CR 2015DS-5725DD (16 DR Beason Unknown. Generic: CANTER PAROL VI BRANK 1001SDR-ARPNOC-1001SD coll Reason: Unknown. Generic: Brank CHARDI VI BRANK 1001SDR-ARPNOC-1001SD coll Reason: Unknown. Generic: Brank CHARDI VI BRANK 1001SDR-ARPNOC-1001SD coll Reason: Unknown. Generic: Brank Christown worming product Reason: Worming [State of health: Unknown]	Chihuahua	Not Known	NOBINCK 14 IDXIDS 547- 1,1/N/N/A, 24.1 Dose Once [11/06/2015- 11/0	B - Possible	CA agrees with MAH causality assessment and comments
	NL-NLINTVINT-2015-NL-00382	Netherland:		Canine/dog		01/06/2015	18/06/2015	1 1		01/06/2015	Yes	Bloody diarrhoea, Listless, Not eating	No Data	Sapected Adverse Reaction. The dog was vaccinated with Nobinsc L4 (unknown when exactly, estimated Jun 2012). John sfare vaccination the dog developed bloody distriction, and casting and listitesness. The owner did not take the dog to the vet, after 3 days the dog had recovered. The dog is allergit to chicken protein. Last year the dog also developed bloody districtions after the Nobinsc L4 workcristoris, see also 2013-th 200338. No hather information expected. (Reason for use for productions) Generic: EPTO*4(ICT,CAN,GRIPS,BRAT) KB Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination) (State of health: Valknown)	Golden Retriever s	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A.N/A,24,1 Dose Once (01/06/2015-01/06/2015) 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
	NL-NLINTVINT-2015-NL-00383	Netherland:		Canine/dog		01/06/2014	18/06/2015	1 1		01/06/2014		Loose stool,Bloody diarrhoea	No Data	Sispected Adverse Reaction. The dag was vaccinated with Nobbrac L4 (unknown when exactly, settimated Jun 2013) later which it developed bloody diamness unknown how long fair vaccination According to the owner the dag kept soft stool (but not diarnhess and no more blood in! I) for a year. He dag was withchied to a home made deal for the vaccination but unclear when excitty. The dag is allergic to chicken protein. In 2015 the dag also developed bloody diarnhose after the Nobinc L4 wockination, see as 2015-th-00328. A Nother Information septenced. (Reason for use for groduc Generic: EFPO*4(CT_CAM,GRIPP,BRAT) KB Brand: NOBIVAC L4.10XLDS 547 Reason: Vaccination) (State of health: Victionom)	Golden Retriever s	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A.N/A,24,1 Dose Once (01/06/2014-01/06/2014) 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
	NI-NIINTVINT-2015-NI-00414	Netherland:	s Animal		10 Year(s)	11/06/2015	24/06/2015	1 1			Yes, KBR>Yes	Injection site abscess, injection site mucopurulent discharge. Injection site necrosis, Vomitting Fever, General illness	No Data	Suspected Adverse Reaction. On 11 Jun 2015 the day was vaccinated with Noblava CHPP and Nobbus. Lo no 19 Jun 2015 the day was towaght best to the vet with an abscess on the right side of the neck which had burst open (ventrolateral of the injection site). The vet fet a hard 3-4 cm wide strand again own from the injection site (between the induser blade) to the abscess. There was new food when from the injection site (between the induser blade) to the abscess. There was validle. The vet open the abscess further and cleaned the wound. Teratherine was started with artiblistics and SKUDN: The day was also generally III, had a slight elevated temperature (93.2 °C) and was somiting. Therefore as testiment with Cerema (inarospitant) was started. On 22 Jun 2015 the day were took to the vet for a check-up, the day was not vomiting anymore and was generally better but some more Issue had died from the marketine. Treatment with a Technicity was continued, for the marketine. Treatment with a Technicity was continued for the marketine. Treatment with an Industries was continued, for their fireformation expected. [Reason for use for product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] XB. Branch NOBINAC LEI 20102 [State of health: Unknown] [State of health: Unknown]	d 50 1 5 5	Known	NOBINAC DHPPI DIXIDS 610- 1,N/A/N/A, 24, 100se Once (11/06/2015- 11/06/2015)-68R-VBR-NOBINAC L4 10XIDS 547 - 1,N/A/N/A, 24, 1 Dose Once (11/06/2015)-68R-VBR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00440	Netherland	: Animal	Canine/dog	6 Month(s)	20/04/2015	21/07/2015		. 1	16/06/2015	Yes, GBR-GBR-GB -GBR-GBR-GBR-GBR- GBR-GBR-GBR-GBR- GBR-GBR-GBR-	Vomting/vellow mucous membranes, Annuis, Death by euthanssia, Listless, Lack of efficacy, Ahomani test result_Elevated liver enzymes, Eversted BUN_Elevated total billirubin, General illness	No Data	Supported Lack of Expected Efficacy. As pup the dog was vaccinated with Noblous L14 wice according to the normal vaccinition sheddle (allowow when exactly, teamted all March 2015). On 18 Jun 2015 the dog was brought to the vet because it was it (which symptoms exactly is unknown) and on 20 Jun 2015 the dog was brought to the vet because it was it (which symptoms exactly is unknown) and on 20 Jun 2015 the dog was realmented. Blood had been sent to an external lab, the results showed the dog we positive for Leptosproiss. A MAT Test this now been requested on that same blood sample (results prending, a second Mart Test cannot be done since the dog has been cultamated. Follow-jun formatis pending, a Second May 2015 the dog was centred with Noblous CHP and Noblous CLP and 20 May 2015 the dog was centred with Noblous CHP and Noblous CLP and 20 May 2015 the dog was centred with Noblous CLP and 20 May 2015 the dog was sociated with Noblous CLP and 20 May 2015 the dog was centred with the vet. The vet not clearly compared to the dog paracteriand but later that day the dog was brought to the vet. The vet not clear developed was included and with the vet of the compared was considered with Noblous CLP and 20 Jun 2015 the dog was brought to the vet. The vet not clear developed was compared to the vet. The vet not clear developed was sociated with the vet. The vet not clear the dog was considered was structured was started with Midds. Rapideous (decaments) and the dog was brought to the vet. The vet not clear the order was considered with Midds. Rapideous (decaments) and the vet of the vet not clearly decament was started with Midds. Rapideous (decaments) and the day of the vet not clearly decament was started with Midds. 2012 Jun 2015 the dogs was clearly the day was considered was structured and was considered was co	is soon no	Not	NOBINAC DHP JONIDS 610 - 1,1/N/A/N, 2.4,1 Dose Gnee (20/04/2015- 20/04/2015)-88R-VBR-WOBINAC L4 JONIDS 537 - 1,N/A/N/A, 2.4,1 Dose Twice (5 Week) 2,004/2015- 26/05/2015)-8BR-VBRWAC PRIVOC 1 SUNDS 610 - 1,N/A/N/A, 2.4,1 Dose Gnee (26/05/2015- 26/05/2015)-8BR-VBRWAC PRIVOC 1 SUNDS 610 - 1,N/A/N/A, 2.4,1 Dose Gnee (26/05/2015- 26/05/2015)-8BR-VBRWAC PRIVOC 1 SUNDS 610 - 1,N/A/N/A, 2.4,1 Dose Gnee (26/05/2015- 2.6/05/2015)-8BR-VBRWAC PRIVOCATION CONTROL OF CONTR	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00487	Netherland	s Animal	Canine/dog	9 Week(s)	01/09/2014	13/07/2015	1 1	1 (01/09/2014	Not Known	Vocalisation,Death,Pain NOS	Not Known	SAR The report was obtained from a social media site (pointed out to us by the vet of the involved breeder). Suspected Adverse Reaction. Around Sep 2015 a 9 week old pure was taken to the vet for the Week vaccination by it's new owner. It was vaccinated with Nobbouc L4 among others (other vaccines used unknown). After the vaccination the pup was in pain every time it was picked up and screamed (unknown when exactly his started) and 1.5 days after the vaccination lided. The pup was sent in for authoppy but no abnormalities were found. According to the breeder the pup was the larger sent report of the public of the publi		Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose Once (01/09/2014) - GRS - SRS - GRS - GR	O1 - Inconclusive	CA agrees with MAH causality assessment and comments

			Land of the		In		I							L		1	L	L		
	NL-NLINTVINT-2015-I		Netherlands	Animal	Canine/dog	10 Week(s)	27/06/2015	15/07/2015	1	1 1	04/07/2015	Not Known,
 <not Known</not </br 	Death	Not Known	The report was obtained from a social media site [pointed out to us by an unimobed vet]. Suspected Adverse Reaction, Mound 72 Jun 2013 2 week old pup was taken to the vet by 17 see Noverse to get 11's 9 week vaccinations. The pup was vaccinated with Nobhos L4 and Nobhos Parvo-C. About 1 week later the pup died, autopsy was performed but the results are unknown. No further information expected. [Reason for use for product: Generic: LEFTO*4[CT.CAN.GRIPP/B.RAT] KB Brand: NOBIVAC L4 2010155-37 Reason: Vaccination [Generic: CANINE PARVO L1 Brand: NOBIVAC PARVO-C 10XIDS 510 Reason: Vaccination] [State of health: Unknown]	Sheepdog	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose Once (27/06/2015- 27/06/2015)-BR>-BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose Once (27/06/2015- 27/06/2015- BR>-BR>	O - Unclassifiable/unassessa ble	CA agrees with MAH causality assessment and comments
	NL-NLINTVINT-2015-I		Netherlands	Animal	Canine/dog	9 Week(s)	01/01/2015	13/07/2015	1	1 1	01/01/2015		Renal failure,Death	Not Known	The report was obtained from a social media site gloristed out to is by an unimohed vet. Suspected Advere Reaction. A Gloden Retriever pows varcoinsted with Nobiva LE (fundroom when and unknown at which age but estimated at 8 weeks) after it had been bought by its new owners. Other varcines given at the same time are unknown. The pup developed cute it lidner plainer (inshrown when and died for was euthanized, this is unclear therefore chosen (feath!). No autopy was performed, No further information expected. [Reason for user for product; Generic LEPTO*4(DCT,CAM,GRIPBRAT) KB Brand: NOBIVAC L4 IOXIDS 547 Reason: Vaccination] (State of health: Unknown)	Retriever	Not Known	Nobivac L4, suspension for injection for dogs -1,N/A,N/A, 24,1 Dose Once (01/01/2015-01/01/2015) 	O - Unclassifiable/unassessa ble	CA agrees with MAH causality assessment and comments
NOBIVAC L4	NL-NLINTVINT-2015-	NL-00539	Netherlands	Animal	Canine/dog	9 Week(s)	24/07/2015	29/07/2015	1	1 1	25/07/2015	Yes, BR> BR> 	Diarrhoea,Vomiting,Death,Fever	No Data	Superted Adverse Reaction. The pup was vaccinated in Belgium with Versican DHPP at the age of 6 weeks. The new owner visted the pup a round this time and the pup was then chubby. At the age of 7 weeks the new owner visted the pup tags the chubby. At the age of 7 weeks the new owner went to pick the pup up at the breeder and at this time the pup was quite skinn? The new owner took the pup traight in the vet but on physical examination the vet found no abnormalities. The pup was vaccinated at the same time (on 24 Jul 2015) with Nobbus C Pano-C. Nobbus C I am host day the dog developed watery distributes, a feer and vontified, Therapy was started with fluids, Emegrid (metoclopramide), Nutrigel (vitamins and minerals) and Metotabe (metoritable) and an Are years made. No abnormalities were seen on the x-ray, the est suspected the dog of a pano virus infection but no tests were done to confirm this. 4 days later the dog ded. No autopy was performed. The owner went back to the breeder who did admit they recently had pano problems. No further information expected. (Reason for use for product: Generic ESTOT-4(ICT_CARAPIP_PRATI) XB rank. NOBIVEAL LI SOLIDS 540 Reason: Uninown. Generic: BB CANINE/ PANO LY Strand: NOBIVEAL LI SOLIDS 540 Reason: Uninown.	Rottweller	Not Known	NOBHINK KC 23XLID5-23XLID5 DIL 610-11/M/NJA 241 Dose Once (24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015- 24/07/2015-	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
	NL-NLINTVINT-2015-		Netherlands	Animal	Canine/dog	9 Week(s)	23/07/2015	29/07/2015	1	1 0	23/07/2015	Yes, <b R> >BR>Yes</b 	Pale mucous membrane,Listless,Dull	No Data	Suspected Adverse Reaction. On 23 Jul 2015 the dog was vaccinated with Nobwac Parvo-C and Nobbec L4, Almost immediately after occuration the pup became listies, fist and hap alse microsis membranes. About 10 minutes later the dog had fully recovered again. No further information expected. [Reason for use for product: Generic: CANINE PARVOLV Branch NOBVAC PARVO-C 100/105 510 Reson: Vaccination Generic: E1070*4[CT,CA,GRIPP,BRAT] XB Brand: NOBVAC L4 10X105 547 Resson: Unknown.] [State of health: Good]	Jack Russell Terrier	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose Once (23/07/2015- 23/07/2015)-BR> >Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose Once (23/07/2015- 23/07/2015)-BR>>BR>	B - Possible	CA agrees with MAH causality assessment and comments
NOBIVAC L4	NL-NLINTVINT-2015-	NL-00560	Netherlands	Animal	Canine/dog	8 Year(s)	01/07/2014	30/07/2015	1	1 0	27/07/2015	Yes	Anaemia NOS,Leucocytosis,Vellow mucous membranes,Polydipsia,Ataxia,Incre ased respiratory rate,Listless,Fever,Lack of Grifcacy,Elevated liwer enzymes,Elevated renal parameters,General illness,Crepitation on auscultation	No Data	SEE for Lepto In Jul 2014 the day was vaccinated with Noblova L16 (primary vaccination and bootter). From 27 Jul 2015 the dog was not well to 16 web features it was vabibly, listless, had an increased respiratory rate, light yellow mucous membranes, a body temperature of 20,7 degrees Celsius, was diniding allost and had harp respiratory younds on auccultation. Blood tests were done: increased liver enzymes and renal values, a mild anemia and a severe leucoryctios. Also an abdominal utrassound was performed but no absormabilities were serie. Treatment was started with is, fluids, gentamycin, amoxicillin s.c., Bayril (perofloxacin) (i.v. and Metacam (melociam). After a few days the dog was doing better but was stiff dinning a lot. The creatmen level had improved but the BUN had increased a bit. On 1 Aug 2015 the ir, fluids and Bayri was estoped and the sc. a mosicillin was changed to amoxicillin-clave acid tablests. Blood and uniter was sent in to an external lab for testing on Leptopriosis (PCR), Follow-up information pending. Follow-up (10 Aug 2015): results of uniter and blood CPC fits of trajetopriosis were negative. Samples were taken either 25 uit, the day of start of therapy) or 31 uit, 2 days after starting the threapy. The dog is doing quite well, but ham't recovered conjeteley yet. No further information expected. (Reason for rure for product. Generic LEPTO-4(IC,TAM,GRIPP,BRAT) KB Brand; NOBING L14 100150547 Resons: Vaccination). Starte of health; Unrown)		Not Known	NOBINZE L4 IDXIDS 547- L1/N/N/N/ 24,1 Dose Twice (01/07/2014-01/07/2014)-GRGR-	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.
	NL-NLINTVINT-2015-I		Netherlands	Animal		11.5 Year(s)	06/07/2015	03/08/2015	1	1 0	06/07/2015	R> Yes	Not drinking,Epileptic seizure,Listless,Not eating	No Data	Supercted Alverse Reaction. Around 6 Iu 2015 the dag was vaccinated with Nobivac DHP and Nobiva L. A About 4 hours after the vaccination the dag bearen listens, didn't want to act or drink and that evening the dag had a mild epileptic seizure. The next day the dag recovered fully. The dag already ha epilepsy before the waccination but hadro that a seture for over a year. The dag has always been vaccinated with Vanguard vaccines in previous years without any problems. No further information expected. (Resont for use for product. Generic: DHP IV Band To NBINAC DHP IXOTOS 501 Reason: Vaccination Generic: LEPTO*4(TT_CAN_GRIPP_BRAT) KB Brand: NDBIVAC DHP IXOTOS 501 Reason: Vaccination Generic: LEPTO*4(TT_CAN_GRIPP_BRAT) KB Brand: NDBIVAC DHP to that this could be always to the control of the con	Retriever d	Not Known	NOBIVAC DHP 10X1DS 610 - 1,N/A,N/A,24,1 Dose Once (06/07/2015- 06/07/2015-BR><8R>NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose Once (06/07/2015- 06/07/2015-BR><8R>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality OI
	NL-NLINTVINT-2015-		Netherlands		Canine/dog		17/01/2015	04/08/2019	1	1 0	28/07/2015	Yes, Yes	Yellow mucous membranes, Vomiting, Diarrhoea, Ele vated renal parameters, Elevated lens la parameters, Elevated liver enzymes, Ahormal test result, Lack of efficacy	No Data	Suspected Lack of Expected Efficacy, On 17 Jan 2015 the dog received a booster vaccination of Nobbace 14 the primary vaccination was given 3-4 weeks entirely and also a vaccination of Nobbace 24 the primary vaccination was given 3-4 weeks entirely and store a vaccination of Nobbace 1940. The store of the values were elevated. Treatment was started with fluids (both sc and vi), an injection of Duploin Lin A Denny plennishin, dowyscyllen which was later changed to Clavabactin (amoskillin-davic acid), Cerenia (maropitant) and later Emegrid (metoologramide) to take home. On 3 Aug. 2015 the fluids were topoped and the dog went home with Clavabactin (amoskillin-davic acid), Cerenia (maropitant) and later Emegrid (metoologramide) to take home. On 5 Aug. 2015 the fluids were topoped and the dog went home with Clavabactin. Emegrid and suscraftate. Clinically the dog is doing quite well but the renal parameters are still elevated. Blood and unine was also sent in to an externa lab for a PCR test on texplogramical. Lactically and the starters lab for a PCR test on texplogramical cancidal. 1300 Lassabech registre 4 supportipates a registre 4 sportipates and explored and surface and the starters and the acid of the starters and the value of value of the value of value of the value of t		Not Known	Nobiac DIP - 1.M/A/N/A 24.1 Dose Once (17/01/2015)-eBrBBNblobvac L4 SUSPENION FOR RINETION - 1.N/A/N/A 24.1 Dose Once (17/01/2015-17/01/2015)-BRNBBRBBRBBRBBRBBRBBRBBR		Symptoms developed 6 months after vaccination, efficacy of the vaccine is sill espected. Og must be infected with Leptospira because it is shedding in the unine. Clinical signs file flooppiras is. Results from both MAT Ests show an increase in Inter, although titlers remain too low to conclude full seroconcule full seroconcule full seroconcules full serio damw, product involvement is suspected however.
NOBIVAC L4	NL-NLINTVINT-2015-1	NL-00575	Netherlands	Animal	Canine/dog	2 Year(s)	04/05/2015	06/08/2015	1	1 0	26/05/2015	Yes	Addition's disease_Listless_Loss of condition.Not condition.Not eating_Dehydration_Weak pulse_Yomiting	No Data	Sapected Adverse Reaction. On 4 May 2015 the dog received a booster ruccination of Nobinec LA. Annual 26 May 2015 the dog became belies and started vorsting every now and then. On 36 Jun 2015 the dog was taken to the vet. On general physical examination and on addominal x-ray no abnormalities were seen except for the fact the dog was very felders. The very text dog an injection of predictions but the dog 2013 tasyed listless. Therefore the dog was seen to a specialist on 29 Jun 2015 where the diagnosis of Addoor's disease was made. Treatment was started and the dog is doing vell now. Follow-up information pending. Follow-up IL1 Aug 2015: The dog had a decreased stamina (WEDDRA coded as loss of candidion) sizes a few months, on 26 Jun 2015 the dog womted a few times and the dog didn't want to eaf for 2 days (unclear when exactly). On 26 Jun 2015 at the vet the dog was treated with an injection of desametasione and suscopia fluyth/coplainment). On 39 Jun 2015 at the specialist the vet also noticed the dog had a week pulse and had signs of dehydration. Blood tests were done and the diagnosis Addison's disease was made. Treatment with fludcorcisione, sait and cortisone acetate was started. Around 20 Jul 2015 the dog went back to the specialist for a check-up, the dog is now divide. No further information expected. (Reason for use for product: Genetic LEFTO*QICT_CAN_CRIPP_BRAT) XB Brand: NOBIVAC L4 10X105 547 Reason: Vaccination) [State of haubths: Food!	Standard 5 Poodle n 5	20	NOBINIC 14 10X105 S47 JA/(A/M, 24,3 L) Dose Once (04/05/2015-04/05/2015)∈BR→∈BR>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality OI.

NOBIVAC L4	NL-NLINTVINT-2015-NL-00587	Netherlands	Animal	Canine/dog	Not Known	10/08/2015	21/08/2015	1	1 0	11/08/2015	Not Known, Not Known	Epileptic seizure	Not Known	Siapected Adverse Reaction: A dog was vaccinated with Nobivac L4 (presentation unknown, 10x105 chosen) and also treated with Activyl Tick Plus (presentation unknown, AZDDMG chosen) in the evening. The day as brought to a pendion, where the dag experienced an epileptidron seizure with one day after application of both products. It is unknown when or if the seizures have stopped or if it dog was treated. The veteriarian has not seen the dog yet. Tollow up 2.1 Aug. 2015: In the morning after vaccination the dog was seen by the Vet, the dog was washed and treated with an initiasion (Nat 9.95). The dog stayed at the Vet without any further seizures and was serb back to the pension the same evening. The dog does not suffer from underlying epilepsy and is not treated for epilepsy or other transport of the property of the property of the property of the property of the property of the property of the property of the property of the property of property of propert	Other Canine/dog	Not Known	ACTIVIT. TICK PLUS MED DOG 49300MG S45 - N/AN/AN/A 24.Unknown Unknown (10/08/2015 10/08/2015)-88-R8-N008IVAC L4 10XIDS 547 - N/AN/AN/A 24.Unknown (10/8/2015- 10/08/2015)-8R>-4R>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00590	Netherlands	Animal	Canine/dog	12 Year(s)	07/05/2015	04/11/2017	1	1 0	09/05/2015	Not Known	Diarrheas/Jonnting Reluctant to move_Abdomnial discomfort_Decreased activity	Not Known	Suspected Adverse Reaction A. dog received a second vaccination of the basic vaccination (incrementation unknown, chosen Discollog) in the evening. Following the vaccination the dog was brought to a foster home. In the days after vaccination the dog developed the following signs: Day one, the dog did not feel like walking. Day two, the dog at erasy, was slow and lid down a lot. Day three, did not feel like walking. Day two, the dog at erasy, was slow and lid down a lot. Day three, did not feel like walking. By the basic plant of like the same state of the down and the same state of the down and the same state. Day for lew valks, Efficially walking, the evening the dog had fully recovered. The dog was not checked by a Vet and was not treated. In it opinion of the Vet there are other plausible causes than vaccination, like change of environment, to explain the changes in the dog's behaviour. Follow-up 17 Aug 2015: Dog three morits after vaccination (TA 2015) was again at Vet for abdomnial untrasound, because of ongoing complaint of vionting. Outcome unclear. Dog is now on Manoptant (Cerenia). Vet file thickness in abdomen, be suable to confirm this with echo. Follow up 20 Aug 2015. On they four after vaccination the dog work of the product. Generic LEPTO*4(CT, AU, (RIPP, BRAT) (N. Branch NOBINAC LI 10x10; 274 Reason: Vaccination). [State of hearth: Unnown)	se s it	18.45	Noblwac L4, suspension for injection for dogs. 11/AM/, 241 Dose (07/05/2015-07/05/2015)+BR→∈BR→	O1 - Inconclusive	Insufficient information to draw a realistic conclusion. Product involvement could not be fully excluded. Therefore, causality 01-inconclusive.
NOBIVAC L4	NL-NLINTVINT-2015-NL-90592	Netherlands	Animal	Canine/dog	19 Month(s)	10/08/2015	14/08/2015	1	1 0	14/08/2015	No, <b R> Not Known</b 	Meningitis, Muscle shaking, Tense muscles	Other	Suspected Adverse Reaction. A dog received an annual revaccination with Noblauc L4 (presentation unknown, chosen InDLBS). The revaccination took place is forming a first place (accurate of restarted program not respected). The dogs is familiar with meningits since 24-10-2014 and being treated for it with daily Predisions (EU MG). Owner are meanwhile represenced and recognize the symptoms quickly. The dog was stable before vaccination and had no clinical signs, Four days after vaccination the dog was seen by the Vet with signs of meningits. Whether lieg legs when standing up. The cramped behind makes standing difficult. The meningitis has fared up before when the dog stayed in a pension Predisioner treatment continued. No more information sepected. (Reason for use for product: Generic LEPTO*4(ICT,AM,GRIPP_BRAT) as Brand NOBYAC 14 10x10.5 547 Reason: Vaccination Generic: Indiano for use Reason Meninging (State of health) (State of health).	Nova Scotia t Duck Tolling Retriever	23.4	NOBINAC L4 10X1DS 547 - 1,N/AN/A, 24,1 Dose Once (10/08/2015- 10/08/2015-BP>-BP>-Prednisone - 10/N/AN/A, 3,10 mg per day (24/10/2014-N/A)<-BR>-BP>-	O1 - Inconclusive	Product molement could not be fully excluded, but insufficient information to draw a realistic conclusion. Therefore, causality 01-inconclusive.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00633	Netherlands	Animal	Canine/dog	5 Year(s)	09/07/2015	28/08/2015	1	1 0	16/07/2015	Yes, <f< td=""><td>Listless, Reluctant to move. Livetis, Bumping into walls, Eye disorder NOS (for photophobia see 'heurological')</td><td>No Data</td><td>Supected Adverse Reaction On 9 Jul 2015 the day was vaccinated with Nobiwac DHPPI and Nobiwac LA. On 16 Jul 2015 the day Gudderly bumped into a door, On 17 Jul 2015 the day Swar Ired and Nisters and didn't want to go for a walk (VeDDRA coded a reluctant to move). The next day the dog bumped into a door again and the owner noticed and white film in both eyes. On 19 Jul 2015 the day Bumped into a door again and the owner noticed and white film is allow eyes. On 19 Jul 2015 the day the most provided in many objects when walking around. The day was taken to a veterinary eye specialist on 20 Jul 2015 where the dayapos of or vietis to 6 both leyes was determined. Treatment was started with dearamethsonce eyedrops, Idrops (eye lubricant), atropine drops and Truoppi (corpolamide) and also systemic predistions and nomepassite treatment. On 29 Jul 2015 the day was oblig much better (not bumping into objects) and on 26 Aug 2015 the days had improved a lot, but had not completely recovered (eye). Norther information expected. (Resound for use for product Genetic EMPPI LV Branch KORINAC LE AUGUSTS 27 Resource Valorization Genetic: EMPT LV Branch KORINAC LE AUGUSTS 27 Resource Valorization Genetic: EMPT LV Branch KORINAC LE AUGUSTS 27 Resource Valorization of Feaths: Good of Health Good) or Hamilton Good of Health Good</td><td>Crossbred</td><td>14.2</td><td>NOBINIC DHPP - 1.9/A/N/A 24.1 Does Once (907/2015- 009/07/2015- 009/07/2015- 009/07/2015- 009/07/2015)-BR>-BR>-Nobivac L4, suspension for injection for dogs - 1.3/A/N/A 24.1 Does Once (109/07/2015-09/07/2015)-BR>-GR>-</td><td>O1 - Inconclusive</td><td>Reasonable association in time. Bilateral uveits have been associated with vaccration in humans. Other causes (infection) possible, multiple drugs used. Overall, insufficient data to draw a final conclusion however product involvement cannot be excluded. Therefore, causality 0.1.</td></f<>	Listless, Reluctant to move. Livetis, Bumping into walls, Eye disorder NOS (for photophobia see 'heurological')	No Data	Supected Adverse Reaction On 9 Jul 2015 the day was vaccinated with Nobiwac DHPPI and Nobiwac LA. On 16 Jul 2015 the day Gudderly bumped into a door, On 17 Jul 2015 the day Swar Ired and Nisters and didn't want to go for a walk (VeDDRA coded a reluctant to move). The next day the dog bumped into a door again and the owner noticed and white film in both eyes. On 19 Jul 2015 the day Bumped into a door again and the owner noticed and white film is allow eyes. On 19 Jul 2015 the day the most provided in many objects when walking around. The day was taken to a veterinary eye specialist on 20 Jul 2015 where the dayapos of or vietis to 6 both leyes was determined. Treatment was started with dearamethsonce eyedrops, Idrops (eye lubricant), atropine drops and Truoppi (corpolamide) and also systemic predistions and nomepassite treatment. On 29 Jul 2015 the day was oblig much better (not bumping into objects) and on 26 Aug 2015 the days had improved a lot, but had not completely recovered (eye). Norther information expected. (Resound for use for product Genetic EMPPI LV Branch KORINAC LE AUGUSTS 27 Resource Valorization Genetic: EMPT LV Branch KORINAC LE AUGUSTS 27 Resource Valorization Genetic: EMPT LV Branch KORINAC LE AUGUSTS 27 Resource Valorization of Feaths: Good of Health Good) or Hamilton Good of Health Good	Crossbred	14.2	NOBINIC DHPP - 1.9/A/N/A 24.1 Does Once (907/2015- 009/07/2015- 009/07/2015- 009/07/2015- 009/07/2015)-BR>-BR>-Nobivac L4, suspension for injection for dogs - 1.3/A/N/A 24.1 Does Once (109/07/2015-09/07/2015)-BR>-GR>-	O1 - Inconclusive	Reasonable association in time. Bilateral uveits have been associated with vaccration in humans. Other causes (infection) possible, multiple drugs used. Overall, insufficient data to draw a final conclusion however product involvement cannot be excluded. Therefore, causality 0.1.
	NL-NLINTVINT-2015-NL-00643	Netherlands	Animal	Canine/dog	6 Month(s)	15/05/2015	21/09/2015	3	1 1	01/09/2015	Not ROOMIN_RBI>GRP >GRB>GRP >GRB>GRP GRP>GRP>GRP GRP>GRP>GRP GRP>GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP>GRP GRP GRP>GRP GRP GRP GRP GRP GRP GRP GRP	Death by euthanasia, Lack of efficacy	Not	Supersted Lack of Expected Efficacy. The dog was varietized at a pure with Nobives L.6 according to the normal bouth viscontantous scheme to §1 (May 1947 al). (In proceed) to 11 Sep. 2015 fat the age of about 6 months) the dog was presented to the set with vomiting and velow mucous membranes. Blood tests Showed elevated laver emprise and renal parameters and fewcoprosis, Slood was a blood drawn (before any antibiotics were given) and sent to an external lab for a PCR test for Leptosprosis and iso a MAT test (results pending). The dog dos had oliginal, Teatranet was started with 1 y falled and Depocillin and furnesemble. On 2-Sep 2015 steptomycin was also added to the treatment. On 3 5 2015 the day was deliging reasonably well clinically and was producing unine. Follow-up of promotine pending. Follow-up (7 Sep 2015): 3 abrador pups were vaccinated with Nobivact. As Nobivac KC and Nobivac Fin on 15 May 2015 and with Nobivact. As and Nobivac Let and Kolvac Del Pon et al. 2015. On 1 Sep 1 pups was brought to the vet because it was vomitting, had diarrhose (with a pinkish color and mustly consisten and anorexia. The vet also noticed velocity on mucous membranes. Temperature was 39.2 °C (Sighty) elevated jand on abdominal ultrasound the vet saw some fluid around the kidneys. Blood tests were done and showed elevated liver comprase and renal values and elevated leuroscriptes (granulocytes). Results of PCR test and MAT test for Leptospirosis: PCR test positive, MAT test negative for all tested servors (Copenhag). Brastissaw, Australs, Foroman, Girpophoposa, Auturnalis, Canciols and Saxiebo. Receivals (PCR test and MAT test for Leptospirosis: PCR test positive, MAT test negative for all tested servors (Copenhag). Brastissaw, Australs, Foroman, Girpophoposa, Auturnalis, Lorinckia and Saxiebo and Copenhag Brastissaw, Australis, Foroman, Girpophoposa, Auturnalis, Lorinckia and Saxiebo and Copenhag and Copenh	pp	25	#Illemax. N/AN/A.N/A 24.14/Robowa 10.0 bry(1.5/95/2015- 04/06/2015-08-c8b-N08/06/ 04/06/2015-08-08-08-08-08-08-08-08-08-08-08-08-08-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00644	Netherlands	Animal	Canine/dog	Not Known	24/08/2015	02/09/2015	1	1 0	25/08/2015	Yes	Diarrhoea,Vomiting,Yellow mucous membranes,Abnormal ultrasound finding	No Data	Suspected Adverse Reaction. On 24 Aug 2015 the dog was vaccinated with Nobbac L4. On 25 Aug 201 the dog developed damhorea and on 26 Aug 2015 the dog also developed vomiting and slightly yellow mucous membranes. Treatment was started with Cereila (maropitant) but the dog kept vomiting. Therefore an abdominal ultrasound was performed on which a coprus allenum was seen. The dog went to surgery, the corpus allenum was removed and the dog recovered. No further information expected. [Reason for use for product: Generic: LEPTO*4[crt.CAM.GRIPP.BBAT] KB Brand: NOBIVA LI AUDIOS-547 Reason Vaccination] [State of health: Unknown]	Mountain Dog	Not Known	NOBIVAC L4 10X1D5 547 - 1,N/A,N/A,24,1 Dose Once (24/08/2015-24/08/2015) 	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00668	Netherlands	Animal	Canine/dog	5 Year(s)	10/09/2015	14/09/2015	1	1 0	10/09/2015	Yes	Panting,Dull	No Data	Suppected Adverse Reaction: A Dog (Buildog) was vaccinated with Nobivac 14 (booster). Immediately after returning frome from the set, the dog was parting jot, was did and hung over the soft. Exact association in time unknown, less than 2 hours. After the primary vaccination, the log last one reaching the properties of the vertice of the properties of t		g Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A, 1,0,1 ml Once (10/09/2015-10/09/2015)-BR~BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.

NOBIVAC L4	NL-NLINTVINT-2015-NL-00669	Netherlands			10 Year(s)	10/12/2014	15/10/2015				Death,Lack of efficacy		T	Labrador		Anesthetic (Brand name unknown) -	T.	CA agrees with MAH causality assessment and
										Known, <br- </br- 	SBR SBR- SBR- SBR- SBR- SBR- SBR- NOt		Suppercial tack of Expected Efficacy. The dog was vaccinated with Nobbac L4 on 10 Dec 2014 (primary vaccination) and not 246 pc 2014 (biosets vaccination). On 10 Dec 2014 the owner also bought deworming tablets but unknown if and when they were given. On 24 Dec 2014 the dog's teeth were also cleaned (under anesthesia), but unknown which products were used and therefore the dog received an injection of annoxicillin and Metacam (meloxicam) and also tablets of Clavubactin (annoxicillin-clavie) and cold and Metacam to task home. On 45ep 2015 the dog started wormting and on 7 Sep 2015 the vet made a house call to look at the dog. The vet found a dog which didn't want to get u anymore (was high on 1s's side), had a pulse of 120/minute, pois mix nucus membranes and enlarged hymph nodes. Addominal palpation was spainful. The vet sent the dog to the vet practice so further test could be done. When the dog garwhet here, the dog was listens and in short persentative as 35 di degrees. Ceslaus, the dog hard't eaten or drunken anything in the last 3 days. Before these last 3 days there was a period in which the dog did didn't alot. Addominal palpation was sill pashful, the mucous membranes were now pale pink and the capillary refill time was 3 second. According to the owner of sood tests through elevated live engines and renal values. Glocate was allower hylligh [21, effects approx. 6]. Treatment was started with Ix, fluids, insulin, antiblotic (manboor) and pain medication. Design terratment the dog did not 75ep 2015. The vet had testposproxis in her differential diagnosis but no tests were done to confirm this. No further information expected. [Reason for use fire and Metacam injection results and moscillin (brand name unknown) Reason: Other Generic: Brand. Metacam injection for submached (Brand Annox Hermitica) and men windown) Reason: Access and the source that confirm the Generic: Brand. Amesthetic (Brand name unknown) Reason: Access and the confirm the confirmation of the other condition of the con	Retriever	Known	N/A/N/A/N/A, 24, Unknown (24/12/2014-24) 24/12/2014-BRN-BR-Clavubactin -N/A/N/A/N/A, 24, Unknown Unknown (24/12/2014-24) 22/12/2014-BRN-BRN-Metacam injection - N/A/N/A/N/A 22/Unknown Chen-BRN-Metacam injection - N/A/N/A/N/A 22/Unknown Chen-BRN-Metacam injection - N/A/N/A/N/A 22/Unknown Chen-BRN-Metacam injection - N/A/N/A/A/A 22/Unknown (24/12/2014- 24/12/2014-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN	Unclassifiable/unassessable	comments
	NL-NLINTVINT-2015-NL-00676	Netherlands	Animal	Canine/dog		09/09/2015	21/09/2015	1 1		(2015 Yes,-BR>-E R>-BR>-SBR	Yes body temperature_istelses_Not eating_typoglycame_Shock_Pale mucous membrane	No Data	Suspected Adverse Reaction. On 9 Sep 2015 the dog was vaccinated with Noblwac LPHP and Noblwac L That evening the dog was listless and the next morning the Gog Mad hemornhagic diarrhoea and wouldn't eat. Eventually the dog was taken to the vet that day, the dog had a low temperature [S.3 "C) and white muons membranes (block, according to the vet.) Hematocint was normal, glucose level was low U.2.7 mmol/ml. Treatment was started with iv. fluids, an injection of amosticillis, Metrobac (metrodiazol). Cerealin (amorphating and Finidiar (flood supplement with among others landin and aluminiamhydroxide). The dog has always been vaccinated with vaccines from another company in the past without any problems. Follow-up information pending: Follow-up (21 Sep 2015); the dog and admitted and treated until Friday evening 11 Sep 2015. On 14 Sep 2015 the vet rang the owner to see how the dog was doing the owner said the dog had recovered fully. No further information expected [Reason for use for product: Generic EMP LV Brand: NOBIVAC DHP 10X1DS 510 Reason: Vaccinatio Generic: LEFTO* (ATCANG/RIPP_BRAT) XB Brand: NOBIVAC L4 10X1DS 547 Reason: Unknown.]	4. Crossbred	2	NOBINAC DIP 10XIDS 610 - 1,1/A/A/A, 24,1 Dose Once (09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015- 09/09/2015-	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
	NL-NLINTVINT-2015-NL-00698	Netherlands		Canine/dog	9 Week(s)	24/09/2015	25/09/2015	1 1	0 24/09	2015 Yes, <b< td=""><td>Yes</td><td>No Data</td><td>Sapected Adverse Reaction. Anound 24 Sep 2015 the pup was vaccinated with Noblavc Pano-C. and Noblavc LA About 10 minutes later the dop's back legs collapsed and were shaking. The mucous membranes were pink, the dog was alert and the body temperature was normal. The pup went home with the owner and came back to the vet 2 hours later for a check-up at which time the pup had fully recovered. No further information expected. [Reason for use for product: Generic: CANINE PARVO US BRANCH SOED Reasons Vaccination Generic: LEPTO*4 (CTC_ANGRIPP_BRAT) KB Brand: NOBIVAC L4 IDX1DS 547 Reason: Unknown.] [State of health: Unknown]</td><td>Yorkshire Terrier</td><td>Not Known</td><td>NOBIVAC L4 10XLDS 547 - 1,N/A.N/A, 24,1 Dose Once (24/09/2015- 24/09/2015-) RFX-BR-NOBIVAC PARVO-1 20XIDS 610 - 1,N/A,N/A ,24,1 Dose Once (24/09/2015-24/09/2015)-BR><</td><td>B - Possible</td><td>Time to onset of clinical signs is compatible. Two VMP's are used concomitantly, Clinical signs could fit a hypersensithity reaction (not typical) which can happen after any vaccination. Other causes are possible but product involvement is suspected. Therefore causality B.</td></b<>	Yes	No Data	Sapected Adverse Reaction. Anound 24 Sep 2015 the pup was vaccinated with Noblavc Pano-C. and Noblavc LA About 10 minutes later the dop's back legs collapsed and were shaking. The mucous membranes were pink, the dog was alert and the body temperature was normal. The pup went home with the owner and came back to the vet 2 hours later for a check-up at which time the pup had fully recovered. No further information expected. [Reason for use for product: Generic: CANINE PARVO US BRANCH SOED Reasons Vaccination Generic: LEPTO*4 (CTC_ANGRIPP_BRAT) KB Brand: NOBIVAC L4 IDX1DS 547 Reason: Unknown.] [State of health: Unknown]	Yorkshire Terrier	Not Known	NOBIVAC L4 10XLDS 547 - 1,N/A.N/A, 24,1 Dose Once (24/09/2015- 24/09/2015-) RFX-BR-NOBIVAC PARVO-1 20XIDS 610 - 1,N/A,N/A ,24,1 Dose Once (24/09/2015-24/09/2015)-BR><	B - Possible	Time to onset of clinical signs is compatible. Two VMP's are used concomitantly, Clinical signs could fit a hypersensithity reaction (not typical) which can happen after any vaccination. Other causes are possible but product involvement is suspected. Therefore causality B.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00700	Netherlands	Animal	Canine/dog	8 Year(s)	31/07/2015	25/09/2015	1 1	0 07/08	'2015 Yes, <b R> <br< td=""><td></td><td>No Data</td><td>Saperted Adverse Reaction, Around 31 Jul 2015 the dag was vaccinated with Nobivac L4 and Nobiva KC. 1 week later the dag developed a long at the legiction betwinch bust open and blood and fluid came out. The vet cleaned the wound and amountaillin was given for 1 week. After treatment with amountailling stopped, the lump came betw. Amountailling was given gain for 10 days, the lump disappeared but after the treatment stopped, the lump came back yet again. Again treatment was started with amountailling, again the lump disappeared and again but lump came beak after the treatment stopped. Then the vet surgically opened the lump, cleaned it out and a vaile of the inside was taken and sent it an external lab. Recults premisely, Follow-up information pendigin, Follow-up 103-per 2015 bacterial culture of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults premisely, Follow-up information pendigin, Follow-up 103-per 2015 bacterial culture of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults premisely and the start of the swabs. Staphylococcus intermedius. The dag is recovering well without vector of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults products. Place 104 Recults of North North 104 Recults of No</td><td>Basset Hound</td><td>Not Known</td><td>Noblack K: - 1.N/AN/A_24, 10 sec Once (3.10/7.0015-) Nonce (3.10/7.0015-) 31/07/2015-yeRx-eRh-Noblack L4, suspension for injection for dogs - 1.A/AN/A_24, 10 sec Once (3.1/A/AN/A_24, 10 sec Once (3.1/07/2015-3.1/07/2015)-eRx-eRx-</td><td>B - Possible</td><td>CA agrees with MAH causality assessment and comments</td></br<></b 		No Data	Saperted Adverse Reaction, Around 31 Jul 2015 the dag was vaccinated with Nobivac L4 and Nobiva KC. 1 week later the dag developed a long at the legiction betwinch bust open and blood and fluid came out. The vet cleaned the wound and amountaillin was given for 1 week. After treatment with amountailling stopped, the lump came betw. Amountailling was given gain for 10 days, the lump disappeared but after the treatment stopped, the lump came back yet again. Again treatment was started with amountailling, again the lump disappeared and again but lump came beak after the treatment stopped. Then the vet surgically opened the lump, cleaned it out and a vaile of the inside was taken and sent it an external lab. Recults premisely, Follow-up information pendigin, Follow-up 103-per 2015 bacterial culture of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults premisely, Follow-up information pendigin, Follow-up 103-per 2015 bacterial culture of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults premisely and the start of the swabs. Staphylococcus intermedius. The dag is recovering well without vector of the swabs. Staphylococcus intermedius. The dag is recovering well without of products: General L8 Recults products. Place 104 Recults of North North 104 Recults of No	Basset Hound	Not Known	Noblack K: - 1.N/AN/A_24, 10 sec Once (3.10/7.0015-) Nonce (3.10/7.0015-) 31/07/2015-yeRx-eRh-Noblack L4, suspension for injection for dogs - 1.A/AN/A_24, 10 sec Once (3.1/A/AN/A_24, 10 sec Once (3.1/07/2015-3.1/07/2015)-eRx-eRx-	B - Possible	CA agrees with MAH causality assessment and comments
	NL-NLINTVINT-2015-NL-00731	Netherlands	Animal	Canine/dog		22/09/2015	02/10/2015	1 1		ZO15 Yes, <b R> <br< td=""><td>Yee lump, Walking difficulty, Fever Littless, rijection site pair, Vocalisation</td><td>e No Data</td><td>Supercted Adverse Reaction. On 22 Sep 2015 the dog was vaccinated with Nobivac DIPP and Nobivac LL. The next day the dog became very listest and cried when the owner touched its lge. On 24 Sep 2015 the dog was taken to the vet. On the right side of the ventral abdomen (injection site) the dog has a lump which was very parliaf and it had a slight fever. The vet established it was not the dog's leg that is painful, the dog has trouble walking because of the painful lump. Treatment was started with an injection of Metazom (meloxicam), and Novacam (meloxicam) and Claubaction (monoxicilin-clavac site to take home. On 26 Sep 2015 the sow gas vata teah back to the vet who did a fine medie aspiration. For garding this pares. On 28 Sep 2015 the dog came back for a check-up, the abscess was alread a lot smaller, no pus was coming out, the dog didn't have a fever anymore, was doing well. The drain was removed and the abscess was slanded a lot smaller, no pus was coming out, the dog didn't have a fever anymore, was doing well. The drain was removed and the abscess was slanded of under the organization of the species of the sp</td><td>t i)</td><td>Not Known</td><td>Nobwa CHP - 1,N/A,N/A, 24,1 Dosc Once (22/09/2015):48R->48R->40R->48R->40R->40R->40R->40R->40R->40R->40R->40</td><td></td><td>CA agrees with MAH causality assessment and comments</td></br<></b 	Yee lump, Walking difficulty, Fever Littless, rijection site pair, Vocalisation	e No Data	Supercted Adverse Reaction. On 22 Sep 2015 the dog was vaccinated with Nobivac DIPP and Nobivac LL. The next day the dog became very listest and cried when the owner touched its lge. On 24 Sep 2015 the dog was taken to the vet. On the right side of the ventral abdomen (injection site) the dog has a lump which was very parliaf and it had a slight fever. The vet established it was not the dog's leg that is painful, the dog has trouble walking because of the painful lump. Treatment was started with an injection of Metazom (meloxicam), and Novacam (meloxicam) and Claubaction (monoxicilin-clavac site to take home. On 26 Sep 2015 the sow gas vata teah back to the vet who did a fine medie aspiration. For garding this pares. On 28 Sep 2015 the dog came back for a check-up, the abscess was alread a lot smaller, no pus was coming out, the dog didn't have a fever anymore, was doing well. The drain was removed and the abscess was slanded a lot smaller, no pus was coming out, the dog didn't have a fever anymore, was doing well. The drain was removed and the abscess was slanded of under the organization of the species of the sp	t i)	Not Known	Nobwa CHP - 1,N/A,N/A, 24,1 Dosc Once (22/09/2015):48R->48R->40R->48R->40R->40R->40R->40R->40R->40R->40R->40		CA agrees with MAH causality assessment and comments
NOBIVAC L4	NL-NLINTVINT-2015-NL-00734	Netherlands	Animal	Canine/dog	9 Week(s)	23/09/2015	06/10/2015	1 1	0 23/09	2015 Not Known,
 Not Known</br 		Not Known	Saspected Adverse Reaction. A puppy was vaccinated simultaneously with Nobinac Pano C and Nobinac L4. The dog reacted within a few hours after vaccination with facial cedema (swollen head) and tiching. The reaction was treated with Dexamethasione (Dexadreson). The signs resolved within a few hours. No more information expected. [Reason for use for product: Generic: CANINE PARVO LV Branch NOBINAC PANO C - IXXIDS 510 Reason * Vaccination Generic: LETO** (AGC, RIPP).BRAT] XIB Branch * NOBINAC L4 10XIDS 547 Reason: Vaccination [State of health: Unknown]	Other Canine/dog	2	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,10,1 ml Once (23/09/2015- 23/09/2015-BR>~BR>NOBIVAC PARVO-C 10X1DS 610 - 1,N/A,N/A 1,0,1 ml Once (23/09/2015- 23/09/2015-BR>~BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVAC L4	NL-NLINTVINT-2015-NL-00742	Netherlands	Animal	Canine/dog	5 - 7 Year(s)	01/01/2015	08/10/2015	1 1	0 25/09	'2015 Yes	Lack of efficacy	No Data	sapected tack of Espected Efficacy. In Jan 2015 the day was vaccinated with Nobleuc L (In 2014 the oplinal received an primary secrization and booster with Nobleuc L (I) no 25 sep 2015 the day bears sick vomiting, diarrhoea and a sonsitive abdomen. Shortly after that the dag developed ictricus and this energymen and read values were elevated. Treatment was started with artifaction. The Internation is the improving and the dog is a bit more active again, but it still desort want to ext (and is therefore being force feed). Bod on the sone sent in for an ELIA stest for Lesposiosis, results pending, Follow-up (IS 0-12 015): results of ELISA test: negative for ELISOSIS (INTERNATION OF INTERNATION OF INTERNA	e Border Collie e e	Not Known	\(NOINCLE ID INSTERS - COLOR - C	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.

NOBIVAC L4	NL-NLINTVINT-2015-NL-007	Netherlan	ds Anima	tal C	Canine/dog	9 Week(s)	16/10/2015	19/10/2015	1	1 0	16/10/2015	Yes, Yes	Spasm,Decreased appetite, Listless,Elevated temperature,Reduced level of consciousness	No Data	Suspected Adverse Reaction. On 16 Oct 2015 the dog was vaccinated with Nobivac L4 and Nobivac Paino-C. That evening the dog was listless and was taken back to the vert. Glucose level was normal, temperature slightly elevated [33 2°C, logo hard reduced conticiousness. The vert gave the dog an injection of Rapideson and some fluids subcutaneously and the dog was sent home. According to the owner the dog had spains all through the night. On 19 OCI 2015 the dog came back to the vet, there were no spains and the dog was more alert but it still wasn't eating well. At the age of 5 weeks the dog was vaccinated with hobbox Pupp Por without any problems. No further information expected. [Reason for use for product: Generic LEFTO*4(CT.OM./GRIPP.BRAT) KB. Brand: NOBIVAC L4 LDXLDS 547 Reason Vaccination Generic: CANNINE PARVO LV. Brand: NOBIVAC PARVO-C LDXLDS 610 Reason Unknown.] [State of health: Unknown.]	Crossbred	0.61	Nobiva: L4, suspension for injection for dop: 1.N/A.N/A, 24,1 Dose Once (15/In/2015) ence (15/In/2015) ence (15/In/2015) ence - 18/In-Nobiva: Parvo-C: -1.N/A.N/A, 24,1 Dose Once (15/In/2015)-8R>-8B>-8B>-8B>-8B>-8B>-8B>-8B>-8B>-8B>-8B	O1 - Inconclusive	Close association in time. Both listlessness and elevated temperature are known fin this case non-storous) adverse rections of vaccination of vaccination and
NOBIVAC L4	NL-NLINTVINT-2015-NL-007	Netherlan	ds Anima	al C	anine/dog	13 Year(s)	01/10/2014	28/10/2015	1	1 0	01/10/2014	Yes	Head tilt - ear disorder,Neurological signs NOS,Circulatory collapse (see also 'Neurological' and 'Systemic disorders')	No Data	Sapected Afverse Reaction. Around OCI, 2014 a 13 year old DrestSche Patiglionnd] neceived a booste vaccination of Nobiava L. Affer the day armed home it collapse, had delayed para positioning reaction and a titled head. Unclear if any treatment was given. Now, 1 year later, the dog still has a slight head till. No Intert information sexpected. (Reason for user for product; Generic: LEPTO*QICT_CAN_GRIPP_BRAT) XB. Brand: NOBIVAC L4 10X1DS 547. Reason: Vaccination) [State of health: Unknown)	r Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose Once (01/10/2014-01/10/2014) BR> 	O - Unclassifiable/unassessa ble	Time to onset of clinical signs is compatible. Clinical signs could fit a hypersensitivity reaction which can happen after any vaccination. Insulficient data. Other causes are possible, but product involvement can't be excluded. Therefore causality O.
	NI-NLINTVINT-2015-NI-008				anine/dog		02/01/2015	20/11/2015	1	1 1	26/10/2015		Death by euthanasia, Lack of efficacy	No Data	Supercial Lack of Expected Efficacy, The dog was vaccinated with Nobivac L4 (unclear when exactly) and now has been diagnosed with Leoptopriosis (unclear how the diagnosis was made). Blood has been ent in to an external lab for more blood tests. Follow-up information pending. Follow-up 10 Nov 2015; nor a) and 2015 the dog rescribed primary vaccination of Nobivac L4 and not A Feb 2015 a booster vaccination. On 25 Oct 2015 the dog started womiting and had diarrhoea. On 27 Oct 2015 seemed to have weakness of the hind legs and didn't want to act or drink anything. The dog was taken to the vet who noticed the dog had an arched back and suspected abdominal pain. Treatment was started with an injection Cerenia (navolutant), an injection Decarderson (dexamelssance). Emperiq (metoclopramide) tablets and finidiar tablets. The next day there was not much improvement so the dog was taken back to the vet. The dog was talken back was intoxication or testing the control of the dog was talken back was sent to external lab for Leptospirosis. Blood antise. Only 30 CH30 the dog was talken back to the vet. The dog day that the sent that the vet of the dog was talken back to the vet. The dog day that the vet of the dog was talken back to the vet. The dog day that the vet of the dog had and antibiotics was started. The dog did nimpove and even developed antise. Only 30 CH30 the dog was cantioned, service that the vet of the dog had been enthanized, as exord MAT test could not be performed. Act at the neighbourhood developed similar symptoms and idea and the same time. No further information expected. [Reason for use for product: Generic: ETTO*4/CTC.AAG.RIP BAT1/13 Brand: NOBIVAC L4 10XIDS 547 Reason: Vaccination] [State of health: Unknown]	Labrador n Retriever	Not Known	Nobiwa L.4, suspension for injection for for obsp. *11/AM/, 24.1 Dose Twice (4 Week(s) 02/01/2015-04/02/2015)*BR> 	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH (Insufficient data). Causality 01.
NOBIVAC L4	NL-NLINTVINT-2015-NL-008	6 Netherlan	ds Anima	C C	Canine/dog	7 Year(s)	01/02/2015	19/11/2015	1	1 1	18/11/2015	Not Known	Death by euthanasia, Lack of efficacy	Not Known	Suspected Lick of Expected Efficacy, A log was vaccinated twice in the first quarter of 2015 with Nobbac L4 for the first time (basic vaccination, each date unknown), 18 Nov 2015 the severely ill down was seen by the Vet with symptoms dark urine, pale mucous membranes, severe conjunctivitis, attachycards and a weak place. The dop was exhanized, notably the dop blood would not coapulate b titlef. Dark kidney cortex and gale kidney marrow. A sample of sterile urine was checked microscopically, the Vet thought he saw a pirochete. A urine sample has been sent in (erfigerated) for culture. The owner of this dog had to euthanize an unvaccinated dop in Nov 2014 with signs of Lepospicosis (unknown if related to the dog reported in this case). The Vet had adviced to vaccinate the remaining dogs twice with Noblouc L4, it is unknown whether other vaccines were used as well. Follow-up 27 Nov 2015. Serology performed by Veterinary Methodological Diagnostic Centre/NMOLO of the Faculty of Veterinary Medicine of Utrecht University. Serology resists exclude the possibility of acute Leptospicosis, only for Leptospicosis ters (ight 140, ight 180 regatable) and guidestest was negative, indicative for vaccination were found. No more information expected. [Reason for use for product: Generic: LEPTO*4[CT_CAM_GRIP.PRAT] XB Brand: NOBIVAC L4 10x105 547 Reason: Vaccination] (State of health: Unknobs).	Jack Russell Terrier y	Not Known	Noblwac L4, suspension for injection for ordogs - 11/A/N/A Weeks_24,basic vaccination (01/02/2015-01/02/2015-BR>-BR>	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
NOBIVAC L4					Canine/dog	12 Week(s)	22/11/2015	23/11/2015	1	1 1		Yes, <b R>BR> Yes</b 	Shock,Pale mucous membrane,Ataxia,Death,Fluid from nose,Bumping into walls	No Data	Superted Adverse Reaction on 22 Nov 2015 a pur was vascinated with Nobiwac Pavo-C and Nobiwa L. A few hours later the owner noticed the pup started walking worbby and valued into an object. This pup was brought to the vet where it died immediately after arrival. The pup had pale mucous membranes and after death serous flatid core out of 15 mouth PEOPRA code at fluid from nose). At the age of 9 weeks the pup was succinated with Nobiwac DHP, Nobiwac L4 and Nobiwac Ki without an problems. The pup is sent in for autopup, results pending. Follow-up (De 20:23): autopup results indications of shock. No further information expected. [Reason for use for product: Genetic CANINI PAPAUO US Brand. NOBIMAC PARVO LUSTIGS 501 Reason: Varicational Genetic. [EPTO*4](CT_CAN_GRIPP_BRAT) XB Brand: NOBIVAC L4 10X105 S47 Reason: Unknown.] [State of health: Unknown]	c Other e Canine/dog	Not Known	Nobivac L4 SUSPENSION FOR INIECTION - 1,N/A,N/A, 24,1 Dose Once (22/11/2015- 22/11/2015- Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose Once (22/11/2015- 8R>-8R>-0nce (22/11/2015- 8R>-8R>-	B - Possible	CA agrees with M64 causality assessment and comments
	NL-NLINTVINT-2015-NL-008				anine/dog		15/10/2015	18/11/2015	1	1 0		Yes, <b R>BR> Yes</b 	Urinary incontinence,Leucocytosis,Hypersal wation,Seizure NOS,Loss of consciousness,Spasm	No Data	Suspected Adverse Reaction. On 15 Oct 2015 a pup was vaccinated with Nobivac DNP and Nobivac L4 0n 23 Oct 2015 the pup had an episode of ramping of the legs, loss of consciousness, hypersalvation and incontinence. Since this first episode the dog has had more of these episodes and row also has small spasms during walls or when playing. Blood tests and abdominal ultrasound have been done to rule out a porto-systemic shurut. The blood test showed a slight leucocytosis, no further abnormalistic. The vest suspects the dog has primary epilepsy, possibly related to the vaccination. Treatment with phenobathralla was started on 16 No 2015 but the dog vontided due to this, therefore on 19 Nov 2015 the vest switched to Pession (imeglicione). No further information expected. [Reason for use for product: Generic PDHI & Planch (NORMAC DHE POIDLES DIA Reason's Vaccination Generic: LEPTO*GITC_CAN_GRIPP_BRAT) (NB Brand: NOBIVAC L4 10X105 S47 Reason: Unknown). [State of health: Gnord!	-	3.9	Once (LS/10/2015- 15/10/2015/\BR>~BR>Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A, 24,1 Dose Once (15/10/2015-15/10/2015)-BR>~BR>	O1 - Inconclusive	CA agrees with MAH causality assessment and comments
NOBIVAC L4	NL-NLINTVINT-2015-NL-008	8 Netherlan	ds Anima	C C	anine/dog	6 Month(s)	17/04/2015	18/11/2015	2	1 0	20/04/2015	Yes, GRX-GRX-G RX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-GRX-G	Spasm,Unable to stand,Muscle shaking,Anniety,Seizure NOS	No Data	Suspected Adverse Reaction. On 16 Mar 2015 the pup was vaccinated with Nobbac L (a finimary vaccination) and Nobbac II. Con 17 and 70.05 the pup was vaccinated with Nobbac R fables and Nobbac II. Con 17 and 70.05 the pup was vaccinated with Nobbac R fables and Nobbac II. Booster vaccination). On 20 Apr 2015 the pup was veriented by the properties of the legs and fear. The dog does not lose consciousness, does not hyperalivate and is not incontinent during these episodes. In the following months the episodes seemed to become more intense: more muscle shaking and the dog cannot stays standing at these times. The dog was sent to a specialist clinic where several diagnostic tests were done: blood tests, Mill scan, testing of creebrospinal fluid. No cause for the episodes was found. Treatment was started with Psehon finegationie) but there was no improvement, therefore started with psehonabribla in 91 Nov 2015. The vet suspects the dog of having primary, altrigal, partial elipsips. The pup is from the Cerch Republic, was imported to Belgium and then to The Netherlands. It received a vaccination with Erican DHPP2 on 7 Dec 2014 in the Section with CPU and Preumodog in Belgium and on 21 and 2015 it was vaccinated with Rubbin in Belgium. Not further information expected. [Reason for use for product: Generic ABBIS IN AUL AUI/DIANT KV Branch KOBUNC RABIES SIDIOS 610 Reason: Vaccination Generic LEPTO*4 (ITC,CAN,GRIPP,BRAT) KB Brand: NOBUNC L14 1000.05 547 Reason: Unknown. [State of health: Good]	English Cockei Spaniel	r 13.4	NOBINCK KC 25X105-25X105 DIG 610-11/N/AN/A 241 Dose Once (16/03/2015-16/03/2015-16/03/2015-16/03/2015-16/03/2015-16/03/2015-16/03/2015-16/03/2015-16/03/2015-17/04/2015-17/04/2015-18-N-08IN/A RABIES 200125 60: 1-1/N/AN/A 241 Dose Once (17/04/2015- 17/04/2015)-BR>-6BR>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1-inconclusive.
NOBIVAC L4	NL-UKPFIZAH-2017-NL-0006	Netherlan	ds Anima	ial C	anine/dog	12 Year(s)	24/05/2017	26/05/2017	1	1	25/05/2017	Not Known, <br×br ×BR×BR> Yes</br×br 	Convulsion,Unable to jump,Ataxia	Not Known	Webl Corg, 1.2 years of age received on 24 May 2012 legitosgirosis vaccination (Nobhuc L.4), On 25 May 2017 dog received at the beginning of the evening the ard morthly treatment with Simparica. About 4 hours later the dog had 4 comulsions, but legit sleeping. When walking the dog a bil later, dog was a static and not able to jump on couch. Received fully next day, 1610low up 14Ju/2017: on case review 14Ju/2017 case assessed as serious (Reason for use for product. Generic: SAGOLAMER Brands SMPARICA CHEMBLE TRABLETS ROB OSS Reason: Flea/Tick control Generic: Brand: Nobhus L.4 Reason: Unknown.) [State of health: Unknown]	Welsh Corgi Cardigan t	Not Known	Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A,N/A (24/05/2017-24/05/2017)-BR>>BR>Simparica 40 mg chewable tablets for dogs >10-20 kg - N/A,N/A,N/A,N/A,N/A (25/05/2017-25/05/2017)-BR>>BR>	O1 - Inconclusive	The reported clinical signs are more likely due to administration of Simparica. However, as the dog was vauccinated with Nobbac L1 the day before, product involvement could not be fully excluded. Therefore, causality O1-inconclusive.

NOBIVAC L4	NLD-MERCIXMSD-2015-NL-00903	Netherlands	Animal	Canine/dog	8 Year(s)	08/12/2015	11/01/2016	40	1 1	09/12/2015	No, GBR-GBR-G PS-GBR-GBR-GB GBR-GBR-GBR-GBR- GBR-GBR-GBR-GBR- GBR-GBR-YES	Abortion,Intrauterine death,Found dead,General limes,Uterine neoplasm,Uterine atomy,Abnormal necropsy finding	No Data	This A.E. occurred during the Post, Authorisation Study "A clinical study in dogs in the Netherlands to a seases the safety and efficiency of an inecticated Biodreletal Provincience "A comparison study in the Comparison of the MAH. Causality of Comparison of the MAH. Causality of Comparison of C
NOBIVAC L4	NLD-MERCIANSD-2015-NL-00905	Netherlands	Animal	Canine/dog	8 Month(s)	26/05/2015	12/01/2016	1	1 0	11/12/2015	Not Known, Known, SR7-GB7-GB7- Not Known, Known, SR7-GB7- Not Known, KNot Known, SR8-CB7- Not Known, KNown, SR8-CB7- Not Known, Not Known, Not Known, Not Known	tack of efficacy	Not Known	Supported Like of Expected Effects; A young dag received a basic vaccination with Noblace LA to 76.2 to 18 may 2015 the first (jumilatenosity with Nobbac Ray) and the way 2015 the first (jumilatenosity with Nobbac Ray) and the second vaccination on 15 is no 2015 (jimulatenosity with Nobbac Ray) and the second vaccination on 15 is no 2015 (jimulatenosity with Nobbac CRP) of the Post 2015 the day was seen by the Ver with large of relatings, nonesia and venoming jac Dec 2015, elevated between and stempt values, day was admitted to the clinic. Treatment consisted of Annoxicillia Cavalization influences and venoming jacks of elevating, nonesia and venoming jacks possible for Leptospirosis. The dag lives in a horse persion Another dag of the parameters of the possible of the possible for Leptospirosis. The dag lives in a horse persion Another dag of the parameters of the possible of the possible for Leptospirosis. The dag lives in a horse persion Another day of the parameters
	NLD-MERCIONSD-2015-NL-00916	Netherlands	Animal	Canine/dog	14 Week(s)	30/11/2015	18/12/2015	1	1 0		R×BR≻∀ES	Fever,Localised pain NOS (see other SOC) for specific pain,Lypertrophic osteodystrophy,Swollen linb,Limping	No Data	Stagesced Afteree Reaction. The pap. a Staphnous wat vaccinated with Nobleac DNP and Nobleac LNP and Months of 17 on 30 nov. 2015. Santing on 11.09 c. 2015 being developed mid-life indigeng every own and riths. On 17 on 30 nov. 2015. Santing on 11.09 c. 2015 being developed mid-life indigeng every own and riths. On 17 on 2015 being a second property of the developed mid-life indigengency own and riths. On 17 on 30 nov. 2015. Santing on 11.09 c. 2015 being on 12.09 being
NOBIVAC L4	NLD-MERCIONSD-2015-NL-00924	Netherlands	Animal	Canine/dog	9 Week(s)	14/12/2015	21/12/2015	1	1 1	18/12/2015	Yes, GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-GBX-	Pica NOS, Distriboes, Vomiting, Pneumori, a, Panting, Nasal discharge, Peuvitis, Listless, Fever, Laboured breathing, Breathlessness owned breathing, Breathlessness	No Data	Sizepacted Andrews Reaction. On Ial Dec 2015 the day assi successful with Nobher Pano-C. Noblack and Nobback Cn. on 18 or 2015 the day gives sitted and womented attimes. In the date atten some Christmas decoration. The day sex taken to the vet where the vet determined the day had a few office of the Noblack Cn. 18/ANIA, 24,1 Dosc 1 Annual College College College and the day sex taken to the vet where the vet determined the day had a few office of the Noblack Cn. 18/ANIA, 24,1 Dosc 1 Annual College

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NOBIVAC L4	NLD-MERCKMSD-2015-NL-0		etherlands A	inimal	Canine/dog	6 Year(s)	08/12/2015	22/12/2015	2	1 0 17,		iot (nown, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>	Opisthotonus, Epileptic seziure, Ufriany incontinence, Tense muscles, Hypokala emia Hypothyroidism. Epileptic seizure	No Data	Superted Adverse Reaction: On B Dez 2015, the dog was vaccinated with Noblwez L4 and the owner gave the dog all areaset Osmall Dog chew. The owner also took Milbeman tablets home, unknown if or when these were given (therefore not added to the product screen). On 17 Dez 2015 the dog had som kind of seizure: terms muscles, ophstohous and uninted it not low per end for a bort while after which the dog recovered. It looked like an epileptic seizure according to the owner. The dog was taken to the vets, once blood tests were dozen: on significant abnormalities (only postssium was 3.6 mml and the lowest reference value is 3.7 mmol). The dog has been treated with Bravecto before without any problems. No Internal Information sepaceted. (Reason for use for product: Generic TURDALNET CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic. CHEW TABLET'S dimed. BROWCETO 250MG 3XT/RE QL3 Reason: Rely fact control Generic.	Lhasa Apso	7.1	Bravetto 250 MG - 1.N/,N/N, 24,1 Tablets 1. Animal (B8/12/2015- 08/12/2015)-cRRRB-N-ebbvac L4, suspension for injection for dogs- 1.N/A,N/A, 24,1 Dose 1. Animal (1 Day(s) 08/12/2015- 08/12/2015)-cRRBR>-	O1 - Inconclusive	Time to onset of clinical signs is afther long. Clinical signs do not fit fire pharmacological/love/cological profile of the product. Diagnostic tests showed only a low potassime level. Insufficient data. Other causes are possible, but product involvement can't be fully excluded. Therefore causality 01. CA agrees with causality assessment and comments.
									4						vaccination was 16 Oct 2015; D n. 22 Nov. 2015, 6 and 7 Dez 2015 the dop flad epileptic seltures (duration 1.2 miluses). The dog does not have a history of epileptic, The dog has previously been vaccinated with a Lepto vaccine of Zoetts without problems. On 7 Dez 2015 the dog was at the vet for a consult, blood ster results revealed normal \$11 HT thyroid: Limituality flommone) but tow 14. To flow up 5 ian 2016. After 7 Dez 2015 the dog has had one more epileptic selture (very short, exact date unknown). Dog was not treasted with an antiparastik. No florther information expected. [Reason for use for product: Generic: LEPTO*4(DCT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10X1D5 547 Reason Vaccination] [State of health: Unknown.]	Schapendoes	15.8	1,N/A,N/A,24,1 Dose 1 Animal (06/11/2015-06/11/2015) BR> 		of the MAH. Causality O1 - Inconclusive.
NOBIVAC L4				nimal	Canine/dog	1 Year(s)	04/01/2016	19/01/2016	2		R	'es, ≺BR>≺B t>≺BR>≺BR>Yes	Shock,Death	No Data	Suspected Adverse Reaction. On 41 ain 2015 2 dogs were vaccinated with Nobiwac IDHP and Nobiwac L4 White the vet was filling in the passports, Someone came in an adal other was something wrong with one of the dogs (approx. 15 minutes after vaccination). The vet went to see and at that moment the dogs took its last breath. The dog is sent in for autopsy. Follow-up information pending. Follow-up [13 Jan 2016]: prieliminary autopsy results: indications for shock. Follow-up information pending. Follow-up [13 Jan 2016]: final autopsy results: confirmed the dog ded of shock. No further information expected. Reason for use for product. Generic LEPP UP after alt (NOSIXO CPI) PUIDLES foll Reason Product. Generic LEPP UP after alt (NOSIXO CPI) PUIDLES foll Reason Productions (State of Pasth). In Notion was a considerable and considerable	. Flanders Cattle Dog	Not Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (04/01/2016-04/01/2016)+BR~BR>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (04/01/2016-04/01/2016)+BR>~BR>	B - Possible	CA agrees with MAH causality assessment and comments
	NLD-MERCIMISD-2016-NL-0			nimal	Canine/dog	6 Year(s)	13/01/2016	18/01/2016	2		R	res, <b l> >Yes</b 	Pale mucous membrane, Gagging, Death, Circulato ry collapse (see also 'Neurological' and 'Systemic disorders'), Weakness	No Data	Suspected Adverse Reaction. On 13 ain 2016 the dog was vaccinated with Nobivac CNPF and Nobivac LA. Amost Immediately after the vaccination the dog became wobbly and started gagging. The vet gave an injection of decamethsance (s.c.) after which the dog became a bit more alert and the mucous membranes were pink. The owner was asked to wait with the dog in the waiting oron, where the dog 'crashed.' The mucous membranes were white. The vet gave the dog an injection of adrenalin instructural but this had no effect, the dog ded. The dog was not serie in for autoputs. Zweeks earlier the dog was vaccinated with Nobivac Robers and Nobivac RC without any problems. And list year (2015) the dog was vaccinated with Nobivac Rabeis and Nobivac RC without any problems. And list year (2015) the dog was vaccinated with Nobivac Robers and Nobivac RC without any problems. In the past the dog doff have an alleger exclusion to a different vaccination: unknown when the companies of	Pug	Not Known	Nobiwa CHP - 1.M/A/N/A 241 Dose 1 Animal (13/01/2016) 13/01/2016): RBR8BRNobiwa L4 - 1.M/A/N/A, 241 Dose 1 Animal (13/01/2016): RBRBRBRBRBRBRBRBRBRBR	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
	NLD-MERCKMSD-2016-NL-0		etherlands A	nimal	Canine/dog		30/12/2015	18/01/2016	1		R	t> Yes	Listless,Swollen face (see also 'Skin')	No Data	Suspected Alverse Reaction. The dog was vaccinated with Noblave Pano-C and Noblava C to on 30 Dec 2015. Shorthy after vaccination the dog developed as swollen face and was ab listless. The veg gave the dog an injection of dexamethasone after which the dog recovered quickly, No further information sepected. [Reason for use for product: Generic: CANINE PARVO LV Brand* NOBIVAC PARVO-C 10xLDS 510 Reason: Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] XB Brand: NOBIVAC L4 10xLDS 547 Reason: Vaccination [State of health: Unknown]	Chihuahua	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose 1 Animal (80/12/2015- 30/12/2015-BRBR-Nobivac Parvo-C - 1,N/A,N/A,24,1 Dose 1 Animal (80/12/2015- 30/12/2015-BRBR> NORIVAC INPLIVATION 610 -	B - Possible	Time to onset of clinical signs is compatible. Clinical signs fit a hypersensitivity reaction, which is a known AE for the product, but multiple products used. Therefore, causality B Beagagnitie association in time (1 day) however, on ta
NOBIVAL L4	NLD-MERCINNSD-2016-NI-0	JUSS NE	etneriands A	nimai	Canine/dog	1 Year(s)	07/01/2016	20/01/2016	1	1 0 08,		res, t> >Yes	Falling Ataxia, Muscle shaking, Termor, Jrke ad tremor, Intention tremor	No Data	Supercted Adverse Reaction On 71 an 2016 the dog was vaccinated with Nobiwac 10H and Nobiwac Li On 81 an 2016 the dog developed shaking of the head. In the following days to weeks the shaking became worke and also spread to other parts of the body. Also the dog started falling over. On 18 Ian 2016 the dog was taken to a vet who noticed the dog had artisk and intention themor (which intensified due to stress). The dog did not have a fever. No diagnostic tests were performed but the ve suspected the dog of having encephalitis or meninglist. Treatment with predincions was started but I day later the dog was referred to a specialist. Results from the specialist will follow. Follow-up information pending. PLJ 21 Jan 2016. the dog went to the specialist. General physical earm, neurological examination and blood tests all showed no abnormalities. The specialist doesn't think further diagnostic tests (T., Millo I rulnaha) puncturely will respecialist. General physical earm, neurological examination and blood tests all showed no abnormalities. The specialist doesn't think further diagnostic tests (T., Millo I rulnaha) puncturely will responsible. The dogs have that the shaker syndrome. The specialists advice is to go on with prediscione therapy and see i the dog improves. No further information espected. Research for use for product. Genetic: DPI V larnad NOBINAC LIGHT SAT Resour Vaccination (Steat of health; Good) or Health of the plant of the plant NOBIMAC LIGHT Cannell To the plant of the plant NOBIMAC LIGHT of the Plant NOBIM	. Crossbred	Known	NOBINAL DIP JOSITIOS 610 - JAJANA/A 24 Dose 1 Animal (07/01/2016- 07/01/2016- 07/01/2016- 888-887- NOBINAC L4 JOKIDS 547 - 1 N/AN/A 24 Dose 1 Animal (07/01/2016- 07/01/2016-888-889-	O1 - Inconclusive	reasonance association in time (1 day) rowever, not a forwarm possible reaction to Robivact LTW por products used. Diagnostic tests have not led to a diagnosis, possibly the digital stitle white shaker syndrome. Causality 01-inconclusive.
NOBIVAC L4			etherlands A	nimal	Canine/dog	11 Week(s)	18/01/2016	19/01/2016	1	1 0 18,		'es, <br R> Yes</br 	Facial swelling (see also 'Skin'),Listless	No Data	Supercted Adverse Reaction On 18 Jan 2016 the dog was vaccinated with Nobivac L4 ann Nobivac Pavoc- CWIth 30 ominutes the dog developed swelling of the face and became lettless. The dog was taken to the emergency vet where it was treated with an injection of desamethasone. The dog recovered quickly that same day. No filter information septected. [Reason for use for product- Generic: LEPTO*4[CT,CAN,GRIPP_BRAT] XB Brand: NOBIVAC L4 10X1D5 547 Reason: Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC PARVO-C 10X1D5 610 Reason: Vaccination] [State of health: Good]	Chihuahua	1.1	NOBIVAC PARVO-C 10X1DS 610 - 1,N/A,N/A, 24,1 Dose 1 Animal (18/01/2016- 18/01/2016)-BR> Nobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A, 24,1 Dose 1 Animal (18/01/2016-18/01/2016)-BR>>BR>	B - Possible	CA agrees with MAH causality assessment and comments
	NLD-MERCKMSD-2016-NL-0			nimal	Canine/dog		01/02/2016	03/02/2016	1		R <i b<="" td=""><td>es, <8 t> Yes, :BR> <</td><td>Listless,Reluctant to move, Localised pain NOS (see other 'SOCs' for specific pain),Not eating,Local swelling (not application site)</td><td>No Data</td><td>Supercted Adverse Reaction. On 1 Feb 2016, at 8 pm, the dog was vaccinated with Nobbac DHP Nobbac CL and Nobbac KC by the owner (who has a veteriory deget). The next coming the dog was listless, did not want to eat or walk and when the dog's back was touched it was painful. The dog was staten to the vet where the vet noticed here was a subcurations uswelling on the dog's back (inches! if this was located at the injection site) which was painful. The dog didn't have a fever. Treatment with Metazam (melosizam was started and a few days later the dog affect receved. No further information expected. [Reason for use for product: Generic DIPL V Brand: NOBINAC DIP SOXIDS 501 Reason: Vaccination Generic: EBCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination States of health: Good of health could be a supplied to the supplied of the supplied of the supplied of health could be a supplied to the supplied of /td><td>Crossbred</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (10/2/2016- 01/02/2016)<8R><8R>Nobivac KC - 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2016- 01/02/2016-8R><8R>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2016-01/02/2016)<8R><8R></td><td>B - Possible</td><td>CA agrees with causality assessment and comments of the MAH. Causality 8.</td></i>	es, <8 t> Yes, :BR> <	Listless,Reluctant to move, Localised pain NOS (see other 'SOCs' for specific pain),Not eating,Local swelling (not application site)	No Data	Supercted Adverse Reaction. On 1 Feb 2016, at 8 pm, the dog was vaccinated with Nobbac DHP Nobbac CL and Nobbac KC by the owner (who has a veteriory deget). The next coming the dog was listless, did not want to eat or walk and when the dog's back was touched it was painful. The dog was staten to the vet where the vet noticed here was a subcurations uswelling on the dog's back (inches! if this was located at the injection site) which was painful. The dog didn't have a fever. Treatment with Metazam (melosizam was started and a few days later the dog affect receved. No further information expected. [Reason for use for product: Generic DIPL V Brand: NOBINAC DIP SOXIDS 501 Reason: Vaccination Generic: EBCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BCANINE / PILB/LV Brand: NOBINAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination States of health: Good of health could be a supplied to the supplied of the supplied of the supplied of health could be a supplied to the supplied of	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (10/2/2016- 01/02/2016)<8R><8R>Nobivac KC - 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2016- 01/02/2016-8R><8R>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2016-01/02/2016)<8R><8R>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-0	D101 Ne	etherlands A	nimal	Canine/dog	8 Week(s)	17/02/2016	18/02/2016	1	1 0 27,	R <i< td=""><td>res,cBR>cBR t>cBR>cBR>cBR tBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>c</td><td>RestHessness, Vomiting, Urticaria, Itch ing</td><td>No Data</td><td>Superted Adverse Reaction. On 27 Jan 2016 the dog was vaccinated with Nobiwac Paron C and Nobiwac L4. Within 2 hours the owner and dog were back at the vet practice because the dog had developed liching, resitiessness and urticaria of the head and tono. The dog was treated with Debadration (Search Head and Lord) and the properties of the head and tono cevery morning which eventually went away during the day. On 17 Feb 2016 the dog was vaccinated with Nobiwac L4 and Nobiwac DH: Within 1 hour of vaccination the dog developed extreme tricking excitications, violated a few times and urtication of the lead and tonos. The owner gave the day the vaccination of the work of the contraction of the vaccination of vaccinat</td><td>Jack Russell Terrier</td><td>3.5</td><td>NOBINAC DHP 10X1DS 610 - 1,1/1/N/A/, 2.4,1 Does 1 Animal (17/02/2016- 102/20</td><td>B - Possible</td><td>CA agrees with MAH causality assessment and comments</td></i<>	res,cBR>cBR t>cBR>cBR>cBR tBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>cBR>c	RestHessness, Vomiting, Urticaria, Itch ing	No Data	Superted Adverse Reaction. On 27 Jan 2016 the dog was vaccinated with Nobiwac Paron C and Nobiwac L4. Within 2 hours the owner and dog were back at the vet practice because the dog had developed liching, resitiessness and urticaria of the head and tono. The dog was treated with Debadration (Search Head and Lord) and the properties of the head and tono cevery morning which eventually went away during the day. On 17 Feb 2016 the dog was vaccinated with Nobiwac L4 and Nobiwac DH: Within 1 hour of vaccination the dog developed extreme tricking excitications, violated a few times and urtication of the lead and tonos. The owner gave the day the vaccination of the work of the contraction of the vaccination of vaccinat	Jack Russell Terrier	3.5	NOBINAC DHP 10X1DS 610 - 1,1/1/N/A/, 2.4,1 Does 1 Animal (17/02/2016- 102/20	B - Possible	CA agrees with MAH causality assessment and comments

NOBIVAC L4	NLD-MERCKMSD-2016-NL-00103	Netherlands	Animal	Canine/dog	9 Week(s)	09/02/2016	19/02/2016	2	1 0 0		Yes, <b R> Yes, BR> Yes</b 	Crying Listless, Oedema NOS (see other SOCs for specific oedemas). Swollen eye	No Data	Saignetted Adverse Reaction. On 9 Feb 2016 the pup was vaccinated with Noblwac KC, Nobbwac Pareo-Cen Nobbwac IA. 20 minutes later the owner called the vet because the dog had developed swollen yes When the dog partned at the vet another. I ominutes later the dog had oedema over the whole body, was latels: and was crying. The vet gave the dog an injection of Devadreson (devamerbasone) but this didn't have enough effect. Therefore the vet gave the dog another injection of Devadreson 20 minutes later after which the dog became levely again and after a few hours the oedema was gone. No further information expected, Reason for vet for product: Generic EETO*4(ICT.CAMSEP.BRAT) IS Branch NOBIVAC LE 10/LIDS 547 Reason: Vaccination Generic: BIC ADMINE / PI ILI/LV Brand: NOBIVAC EXTENDES.VIDS.011 610 Reason: Vaccination Generic: CAMINE PARVIO LV Brand: NOBIVAC PARVIO-C 10/LIDS 610 Reason: Vaccination (] State of health: Unknown)	Other Canine/dog	Not Known	Nobivac KC - 1,N/A,N/A, 24,1 Dose 1 Animal (09/02/2016- 09/02/2016)-8RS-N8bNobivac L4 SUSPENSION FOR INJECTION - 1,N/A,N/A, 24,1 Dose 1 Animal (09/02/2016- 09/02/2016-8RS-SRS-Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (09/02/2016- 09/02/2016-8RS-SRS-N		CA agrees with MAH causality assessment and comments
	NLD-MERCKMSD-2016-NL-00108	Netherlands	Animal		12 Week(s)	08/02/2016	24/02/2016	1		1	Yes, <br R> >CBR>Yes, BR> </br 	Swollen lip (see also 'Skin'),Swollen eye,Facial oedema	No Data	Supereted Adverse Reaction. On 8 Feb 2016 the pure was vascinated with Noblwac IP4 Robbuse LC4 and Noblwac KC4 with Noblwac IP4 Robbuse LC4 and Noblwac KC5 with Noblwac IP4 and Noblwac KC6 with Noblwac IP4 with Noblwac IP4 Robbuse IP4	d Chihuahua	Not Known	Nobivac DHP - 1.N/A.N/A, 24,1 Dose 1.Animal (08/02/2016- 08/02/2016-)BR>-BR>Nobivac KC - 1.N/A.N/A, 24,1 Dose 1.Animal (08/02/2016-)BR>-BR>Nobivac L4 SUSPENSION FOR INJECTION - 1.N/A.N/A, 24,1 Dose 1.Animal (08/02/2016-08/02/2016)-BR>-BR>		CA agrees with MAH causality assessment and comments
	NLD-MERCKMSD-2016-NL-00110	Netherlands	Animal		1 Year(s)	23/02/2016	24/02/2016	1			Yes, Yes	Swollen mouth,Sore tongue,Lateral recumbency,Eyelid oedema,Listless,Pale mucous membrane	No Data	Supercted Adverse Reaction. On 23 Feb 2015 the dogs was vaccinated with Nobinoc DPP and Nobinoc LA. 30 minutes 1-hour later the dogs was taken back to the vet with pale mucous membranes, listicascess, lateral decubitus, swellen eyelds, long and mouth. The vet gave the dog an injection of Decaderson (decamethasone) and about 8 hours later the dog had recovered. A sibling of this dog also had an AE after vaccination last year (pipoy accination), unknown which vaccines were used, to further information expected. (Reason for use for product: Generic. DHP LV Brand: NOBIVAC DIP 1001DS 507 Reason: Vaccination Generic: EPPTO-GIC/CAN/GRIPP,BRAT) NB Brand: NOBIVAC L4 1001DS 547 Reason: Vaccination) [State of health: Good]	Pug	8	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (23/02/2016- 23/02/2016-)BRBR>Nobivac L4, suspension for injection for dogs- 1,N/A,N/A, 24,1 Dose 1 Animal (23/02/2016-23/02/2016)-BR>-BR>	B - Possible	CA agrees with MAH causality assessment and comments
NOBIVAL L4	NLD-MERCANNSD-2016-NL-00211	Netherlands	Animal	Canine/dog	5 Year(s)	26/02/2016	10/03/2016	1	1 1 2	6/02/2016 1 1	Yes, GR> GR> 	rypersain/acton/ussai discharge,Ceath (actor) euthariasi.Septicaemia,Swallowing difficult/prosatulti,Enlarged lymph node (localised)	No Data	Supereta Adverse Reaction On 26 Feb 2016 the dog was vaccinated with Nobivac L4 and Nobivac KC. A few hours after containst not beg developed clear near all discharge and the olg started silvations, On 28 Feb 2016 the dog was brought back to the vet because of hyperalivation. The dog was otherwise not sick and was eating and driving normally. The vet an enstheted the dog to inspect the thoat, the right tonal was possibly slightly enlarged. No other abnormalities seen. The dog's temperature was normal. The vet did notice the dog had torolle swallowing. The dog was succinated with Nobivac KC last year without any problems. Ful 4 May 2016: Dog has deal. Investigation revealed prostate absense. case upgraded to serious. CA 20105G5 changed veDoRs them 'death' rind' current death', as it does not seem to have any relation to the vaccination. Nobivac KC was remoneously marked as suspension for injection follow-up (10 May 2016): conclusion of the diagnostic tests performed by a veterionary specialist: the dog had septia as a result of sevener prostate absenses. Possibly prostate cysts became absenses as a result of the long treatment with controsteroids, which was initiated because of the primary problem which started after vaccination. Due to the bad proposits, the day was administed by the primary problem which started after vaccination. Due to the bad proposits, the day was administed on 2018 May 18/18/18/18 Brand: NOBIVAC KC 25/105-25/1105 DIL 18/18/18/18/18/18/18/18/18/18/18/18/18/1	Bernese Mountain Dog	Not Known	Noblac KC - 1 N/N/M/A 24.1 Dose 1 Animal 126/02/2015-8 Postual 26/02/2015-8 Postual 26/02/2015-8 Postual 26/02/2015-8 Postual 26/02/2015-8 Postual 26/02/2015-9 Postual 26/02/2015-9 Postual 26/02/2015-9 Postual 26/02/2015		
	NLD-MERCKMSD-2016-NL-00139	Netherlands	Animal	Canine/dog	7 Year(s)	09/03/2016	14/03/2016	1	1 0 0	9/03/2016 Y	Yes, <b R> Yes</b 	Vomiting.Red eye,Lip erythema	No Data	Supercted Adverse Reaction. On 9 Mar 2016 the dog was vaccinated with Nobivac DHP and Nobivac L. 3 hours later the dog was taken back to the vet because it had developed vomiting, very red yes and lips. The vet treated the dog with dexamethisation after which the dog recovered quickly, Several years ago the dog was vaccinated with Nobivac DHP and Nobivac Lepto without any problems. No further information expected. [Reason for use for product: Generic DHP LV Brand: NOBIVAC DHP 100X105 510 Reson: Vaccination Generic: EPTO*4[IC.T.GAR,GRIPP,BRAT] KB Brand: NOBIVAC L4 10XLD5 547 Resson: Vaccination Generic: EPTO*4[IC.T.GAR,GRIPP,BRAT] KB Brand: NOBIVAC L4	Crossbred		Nobivac DHP - 1,N/A,N/A,24,1 Dose 1 Animal (09/03/2016- 09/03/2016)-BR>-BR>Nobivac L4, suspension for injection for dogs 1,N/A,N/A,24,1 Dose 1 Animal (09/03/2016-09/03/2016)-BR> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVAC L4	NLD-MERCXMSD-2016-NL-00183	Netherlands	Animal	Canine/dog	3 Year(s)	30/03/2016	31/03/2016	1	1 0 3		Yes, Fes BR>GR>Fes GR>Yes, GBR> Fes GBR> 	Groaning Vorniting, Parting, Relucta nt to move, Increased salivation	No Data	Supercited Adverse Reaction. On 30 Mar 2016 at 3 gam the dag was succinated with Nobbuc DPP, Nobbuc Ld and Nobbuc Rables. After that the ower took the dag to the park where it played with other dags and had a swim. When the dag came home it vomited once but after that it at a treat and went to sleep in it's basel. At 8 pm the dog didn't want to stand up amymore, was parting and groaning and sallwating extremely. The dag was taken to the vet, who determined the color of the mucous membranes and the temperature as normal. Jusculation of the lungs and heart was impossible due to the groaning. The dag did not want to stand. The vet treated the dag with Cerenia (maropitant) and Rapideon (eleasmethicae) and at 8.3 Joint in dag had completely received. No further information expected. (Reason for use for product: Ceneric DMP IV Brand: NOBINAC DMP 100105 610 Reason Vaccination Genetic: IEPTO*4QTC. LAMORPPRANT IX Brand: NOBINAC DMP 100105 610 Reason Vaccination Genetic (IEPTO*4QTC. LAMORPPRANT) Ris Trainer NOBINAC EMB 100105 610 Reason Vaccination Genetic of health Good) United Sid Reason Vaccination Genetic of health Good)	Berger de Brie (Briard)	40	NOBINCE RABIES - 1M/A/M, 241 Does 1 Animal (300/3/2016- 30/03/2016-087-c8R-Nobivac DHP- 1M/A/M, 2-4, 1 Does 1 Animal (30/03/2016-087-088-Nobivac L4, suspension for injection for dogs- 1,M/A/M, 2-4, 1 Does 1 Animal (30/03/2016-30/03/2016)-087-c8R-	O1 - Inconclusive	Close association in time: Vorniting groaning and hyperallavidato are unexpetted, and may be related to the swim in the park. Other signs (reluctant to move, groaning may be associated with the other clinical signs, or with lethargy following vaccination. Time to onset of clinical signs seems rather long for allergic type reactions. Overall, multiple causes possible and product involvement cannot be excluded. Therefore, causality 01
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00189	Netherlands	Animal	Canine/dog	7 Year(s)	01/08/2015	30/03/2016	1	1 1 1	3/08/2015	Yes	Death, Vocalisation, Impaired swallowing, Yomiting, Hair standing on end	No Data	Supercted Adverse Reaction. This case is mentioned in an article written by the dog owners in a magazine called "One Petert" (feb 2016, 2011, which is not a peer-reviewed scientific poursal. No veterinarian was located to verify this case. The dog was vaccinated with Nobiwa: L4 in the beginning of Jug 2015, Just under 2 weeks latter the dog started vomiting mucus and couldn't swallow anymore. The dog was taken to the vet who examined the dog also surgically, and did blood test. No abnormalities were fround. The owner gove the dog for dod undwire frough a feeding tube to prevent dehydration but during the 4th evening the dog deteriorated and that light (paprox. 17 Aug 2015) the dogs hair was suddenly standing on end, the dog crite dot and ded. The dog was not set in find audiopsy. No further information expected. (Reason for use for product Ceseric: Judges) No further information expected. (Reason for use for product Ceseric: Judges) No further information. However, Most Was L4 100115 547. Reasons Vaccination) [State of health; Sood].	Drentse Partridge Dog	Not Known	NOBINACL4 - I,N/A,N/A, 24,1 Dose 1 Animal (01/08/2015- 01/08/2015) RR> 	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
NOBIVAC L4		Netherlands	Animal		13.5 Year(s)		08/04/2016	1			Yes, Yes	Vocalisation,Circulatory collapse (see also Neurological' and Systemic disordes/Pale mucous membrane,Muscle weakness NOS	No Data	Supercted Adverser Reaction. On OT Agr 2016 as not dog of normal weight was vaccinated with Nobbace Ld and Nobbace Rables: The oldpa is never been excited with Nobbace Ld Seed for Let Pefor, but has a regular vaccination history for Nobbace Rables: Red glad is never been excited with Nobbace Ld Pefor, but has a regular vaccination history for Nobbace Rables (details unknown). The dog collapsed on the way from the consulting room to the reception (exact time after vaccination unknown, chosen 10 minntes). Discretely before this the dog screamed one. The dog lost strong the results fermion, the minutes may be print. The capillary reffil time was good, the public was strong and regular. The dog is stronour. The dog was treated with oxygen and recovered within 54 minutes and was sentions heart nurmar. The dog was treated with oxygen and recovered within 54 minutes and was sent home. No more information expected. [Reason for use for product: Generic: LETOT-41(TC,RAMER) RBART [MS RATH NOBIVICA LETOTS 547 REASON: Vaccination) [State of health: Information 154].	Miniature Poodle	Not Known	NOBINACL4 - 1,N/A,N/A, 24,1 Dose Not applicable Not Applicable (07/04/2016-07/04/2016)-BR>-NOBINAC RABIES - 1,N/A,N/A, 24,1 Dose Not applicable Not Applicable (1 Dayls) 07/04/2016-07/04/2016)-BR>-BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00226	Netherlands	Animal	Canine/dog	Not Known	07/04/2016	14/04/2016	1	1 0 0	, , , , ,	Yes, <br R> Yes, <</br 	Vomiting.Increased respiratory rate.Listless,Lack of response to owner	No Data	Supercited Adverse Reaction On 7 Apr 2016 the dog was vaccinated with Nobwac L4, Nobwac Parvo-C and Nobwac KC. Whith minutes of the excination the dog started womting, was tissless, had an increased respiratory rate and a pulse of 80/minute. The dog was not responsive. The vet treated the dog with dearmethose and 4 hours later the dog had fully recovered. No further information expected, [Reason for use for product: Generic: LEPTO*4DCT_CAN_GRIPP_BRAT} NB Brand: NOBIVAC L4 J201025 547 Resion: Vaccination Generic: CBNINE PARVO L5 20105 510 Reason: Vaccination Generic: BB CANINE / PI.E/ILV Brand: NOBIVAC KC 25XID5*25XID5 DIL 611 Reason: Vaccination [Sate of health: Good]	Other Canine/dog	1.75	Nobivac KC - 1,N/A,N/A, 2,4,1 Dose 1 Animal (07/04/2016- 07/04/2016-)6RR~BR>Nobivac L4, suspension for injection for dogs- 1,N/A,N/A,24,1 Dose 1 Animal (07/04/2016- 07/04/2016-BR>~BR>Nobivac Parvo-C - 1,N/A,N/A,24,1 Dose 1 Animal (07/04/2016- 07/04/2016-BR>~BR>BR>BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.

NOBIVAC L4	NLD-MERCIMASD-2016-NL-00229	Netherlands	Animal	Canine/dog	8 - 9 Year(s)	12/04/2016	03/05/2016	1 1		>> Ye	ot nown, <br (BR> es</br 	ictens, schangy (see also Central nervous system depression in 'Neurological'), Elevated temperature. Not cating Tongue disorder NOS, Elevated liver enzymes, Limpig Elevated renal parameters, Bloody diarrhoea, Yomiting	No Data	Suspected Adverse Reaction A. dog was vaccinated with Nobiusc 1.4 for the second time (the first vaccination was on 15 Mer 2015 similarineously with Nobiusc 1.0 HP). The day after vaccination the dog was libping his tongue, a day later the dog was lethangic and vomited. Three days after vaccination the dog was seen by a Vet, the temperature was normal, perhaps the sclear were a little yellow. The dog was set the vaccination and one of continuation of continuation of the vaccination of the animal owner reporter that the dog so longer wanted to eat, stopped ovarithing but developed durlimpe (black with fresh blood), temperature 39.4 degrees Celsius. The dog suddenly developed limping of the left hind leg/bree (possible ligement rupture according to the Vet), no cleas for trainans. Blood testings howed elevated liver and kidney values. Treatment consisted of IV infusion of salt and Procaine benzyl pencillation. Six days after vaccination the dog had fully recovered and was sent home on antibiotics. Serum and untime were sent in desired with an aligne cleaner one day before vaccination, as a possible route of Infoxication. The dog is on Epidedine for incontinence. Follow-up expected #10 AM 2015 Edg serum and untime were sent in delicated that they had cleaned the path of which aligned the production of the pr	e d	Not Known	Enurace -N/AN/N/A/A 24_Uhinkown Unknown Not Applicable (N/A- N/A)-RBTRBR-Nobbuc L4 - 1,N/AN/A-24, 10 ose Not applicable Not Applicable (120/4/2016- 12/04/2016)-BRBR-	O1 - Inconclusive	CA agrees with MAH causality assessment and comments
NOBIVAC L4	NLD-MERCIXMSD-2016-NL-00240	Netherlands	Animal	Canine/dog	4 Month(s)	08/03/2016	20/04/2016	1 1	1 09		es, <br< td=""><td>Death, Lack of efficacy</td><td>No Data</td><td>Suspected Lack of Expected Efficacy, On 8 Mar 2016 the dog was vaccinated with Nobivac DIPB and Nobivac LLO 70 Ag 2016 the dog developed voimiting and the next day also darinose with some blood in it. The dog didn't want to eat anymore. The vet found no abnormalities on general physical examination and thought the dog had no ancet gastor-enteritis. It was treated with fluids, and injection General (anapotant) and Stonorgy (metronidazo) labelets. On 11 Ag 2016 the dog lost also for hemorrhagic fluid retail, was labelets and its mucous membranes were ab label is that don't convide anymore since the day before. The dog was taken to the vet again, who gave fluids its, Marhocyl markofloxacine ly, keyet the dog warm and did a pano sange-test of faces. The rasp-test was slightly positive, therefore the vet sent faces to an external lab for further testing. Blood tests showed abnormalities in hematology and slocknessty rasplays. That afternoon the dog died. On 20 Ag 2016 the vet received the parvo test results from the external lab: positive for canine parvovints type 2. Offirementation: negative for type 2 and 20, unable to differentiation: negative for type 2 and 20, unable to differentiation register for six probable is an order strain. When the lab was called for an explanation of the results, they stated most probable is an order of the sense of the control of the co</td><td>Miniature Dachshund</td><td>Not Known</td><td>Nobiwa CHP - 1.4/A.N/A.24.1 Dose 1. Arimal (69/R)2/2016- 1. Arimal (69/R)2/2016- 1. Gray 1.2/2016-1.08/CM2-2016-1.</td><td>N - Unlikely</td><td>CA agrees with MAH causality assessment and comments</td></br<>	Death, Lack of efficacy	No Data	Suspected Lack of Expected Efficacy, On 8 Mar 2016 the dog was vaccinated with Nobivac DIPB and Nobivac LLO 70 Ag 2016 the dog developed voimiting and the next day also darinose with some blood in it. The dog didn't want to eat anymore. The vet found no abnormalities on general physical examination and thought the dog had no ancet gastor-enteritis. It was treated with fluids, and injection General (anapotant) and Stonorgy (metronidazo) labelets. On 11 Ag 2016 the dog lost also for hemorrhagic fluid retail, was labelets and its mucous membranes were ab label is that don't convide anymore since the day before. The dog was taken to the vet again, who gave fluids its, Marhocyl markofloxacine ly, keyet the dog warm and did a pano sange-test of faces. The rasp-test was slightly positive, therefore the vet sent faces to an external lab for further testing. Blood tests showed abnormalities in hematology and slocknessty rasplays. That afternoon the dog died. On 20 Ag 2016 the vet received the parvo test results from the external lab: positive for canine parvovints type 2. Offirementation: negative for type 2 and 20, unable to differentiation: negative for type 2 and 20, unable to differentiation register for six probable is an order strain. When the lab was called for an explanation of the results, they stated most probable is an order of the sense of the control of the co	Miniature Dachshund	Not Known	Nobiwa CHP - 1.4/A.N/A.24.1 Dose 1. Arimal (69/R)2/2016- 1. Arimal (69/R)2/2016- 1. Gray 1.2/2016-1.08/CM2-2016-1.	N - Unlikely	CA agrees with MAH causality assessment and comments
NOBIVAC L4		Netherlands	Animal	Canine/dog	8 Week(s)	20/04/2016	25/04/2016	1 1	1 21	/04/2016 Ye	es, es, ves, 	Loose stool,Digestive tract disorder NOS,Vomiting,Death,Decreased appetite,Listless	No Data	Surpected Adverse Reaction. On 20 Apr. 2016 the pup was vaccinated with Nobinac DHP and Nobinac L4. The next day the dog was listless, had decreased appetite and had loose stool. On 22 Apr. 2016 the dog wornted. The next 2 days the dog deteriorated and on 24 Apr. 2016 the dog ided. The dog was set in for autopy, results pending. The dog had only just arrived at its new owner, which was a dog better the properties only recently (Mar 2015) had problems with one of his own littless, a few pups ided. Follow-up information 28 April 2016. Results of general autopsy: all organs normal except for wideling of the interiess with slightly bloody content. Follow-pup -02-5-2016. Results of section: Og has deed because of Parvo infection. [Reason for use for product: Generic DHP LV Brand: NOBINAC DHP DIXIOS 510 Reson: Vaccination Generic: LEPTO* GLC, CANGRIP PARAT) KB Brand: NOBINAC L4 10X1D5 547 Reason: Vaccination [State of health: Unknown]	Crossbred	Not Known	Nobixa CHP - 1,N/A,N/, 24,1 Dose 1 Arimal (20/04/2016- 20/04/2016/BR-8RF-Nobixac L4 - 1,N/A,N/A, 24,1 Dose 1 Animal (20/04/2016-20/04/2016)-BR>-BR>	N - Unlikely	CA agrees with MAH causality assessment and comments
NOBIVAC L4	NLD-MERCXMSD-2016-NL-00262	Netherlands	Animal	Canine/dog	22 Month(s)	25/03/2016	26/04/2016	1 1	1 26	No Kn × Ye	ot nown, BR BR>BR>BR>BR ot nown, BR BR>BR sBR>BR>BR BR>BR SBR>BR>BR SBR>Yes	Elevated C-reactive protein, Elevated creatine, Elevated creatinine, Elevated BINJ-Appoal Daluminaemia, Listless, Decreaced appetite, Death by created appetite, Death by cuthanasia, for sinophilla, Behavioura I disorder NOS	No Data	Suspected Adverse Reaction. On 16 Feb 2016 the dag was vaccinated with Nobivac DHP and Nobivac LA. After the vaccination the dag was just on coule tested funders which symptoms were seen, This improved again hat after the Nobivac LA booster vaccination on 25 Mar 2016 it came back again. About 1 month after the booster vaccination to the dig devoloped listissness and decreased appetite. On 22 Apr 2016 is blood test was done. The most significant abnormalities were increased BUN, creation, exception and a renal problem. On 28 Apr 2016 the dog was entitled the control of the standing very londing the control of the c	Border Collie	19.4	Bravecto 500 MG - 1.N/AN/A, 24.1 Tables 1. Animal (31,07/2015 - 137,017/2015;GB > GB > MIBEMS - MB >	OI - Inconclusive	For the animal not feeling well shortly after succination, product inholement is possible; howen Az with any vaccine. For the remaining reactions, product frou evenent is not considered likely. Overall, clussibility 01
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00269	Netherlands	Animal	Canine/dog	6 Month(s)	15/12/2015	29/04/2016	1 1	1 19	/04/2016 Ye	es	Death by euthanasia, Lack of efficacy	No Data	SLEE Dog, was vaccinated with Nobine Lt. 6n 15 DOE 2015 and 07 JAN 2016. The dag had been summing in the Blackock Invitional parts. On 10 Apr. 2016 the Edg was brought to the vectorisms with the following programs: committing, distribute, but appetite. Dog was treated only with antibiotic (pullation) and namements. On 20 Apr. 2015 Freatment with Deposition and Censelo, on 21 Apr. 2016 treatment with Deposition and Metacans. Blood analysis revealed bloney problems, elevated alkalic phosphatase and natural. Temperature was reduced to 31 Zoc cand mucosa looked yellow. PCR showed positive on legiospicosis, but servour's surknown. Dog was esthanated on 22 Apr. 2016. [Reason for use for product: Generic: LEFTO*4(CT_CAM_CRIPP,BRAT) KB Brand: NOBIVAC L4 10XLDS 347 Reason: Yextenstoin [State of health Good]	Labrador Retriever	30	NOBIVAC L4 - 1,N/A,N/A, 24,1 Dose 1 Animal (23 Day(s) 15/12/2015- 07/01/2016) 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8.
	NLD-MERCKMSD-2016-NL-00294	Netherlands		Canine/dog		01/01/2014	13/07/2016	1 1		/01/2014 Ye		Pale mucous membrane, Decreased body temperature, Listless, Reluctant to move, Shaking		Suspected Adverse Reaction. Reaction happened in 2014. At the age of 1 year the dog was vaccinated with Nobbuc L4. Nearly immediately after vaccination the dog became listless, didn't want to walk amymore and was shaking. Also the dog's lips were written and the dog needed to be kept warm. The vegave the dog an injection (unclear which product this was). I hour later the dog had improved (was les listless) but it took bout 1 week before the dog had recovered completely. Follow-up information pending. 31 all 2016. Owner did not respond to requests for follow-up information, therefore no further-information expected. (Reason for use for product; Generic: EFFO** (EFFO** (E	Canine/dog t s	Not Known	NOBIVAC L4 10X1DS 547 - 1.N/A,N/A, 24,1 Dose 1 Animal (01/01/2014-01/01/2014)-BR> 	A - Probable	CA agrees with causality assessment and comments of the MAH. Causality A - Probable
NOBIVAC L4	NLD-MERCIMASD-2016-NL-00341	Netherlands	Animal	Canine/dog	7 Year(s)	25/05/2016	26/05/2016	1 1	0 25	R> <b< td=""><td>es, >BR>>BR>Yes, BR>>BR>>BR> R>>BR></b </td><td>Rapid pulse rate. Dilated pupilis, Ahorman posture NOS, Slow reflexes, Head tilt - ear disorder, Vomiling, Excitation, Abnor mal pupil light reflex</td><td>No Data</td><td>Suspected Alverse Reaction. On 25 May 2016 a round 2 pm the dog was vaccinated with Nobbusc DIP Nobbusc L PM Nobbusc CL PM Nobbusc PM Nobbu</td><td>, Chihuahua d</td><td>Not Known</td><td>NOBINAC DHP - 1.N/AN/A, 2.41 Dose 1 Animal (250%/2016- 25/06/2016)-GRN-GBR-NOBINAC KC- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016- 25/06/2016-BR-N-BR-NOBINAC KC- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016-25/05/2016)-GRN-GBR-NOBINAC LG- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016-25/05/2016)-GRN-GBR-</td><td>O1 - Inconclusive</td><td>CA agrees with causality assessment and comments of the MAM. Causality O.I.</td></b<>	es, >BR>>BR>Yes, BR>>BR>>BR> R>>BR></b 	Rapid pulse rate. Dilated pupilis, Ahorman posture NOS, Slow reflexes, Head tilt - ear disorder, Vomiling, Excitation, Abnor mal pupil light reflex	No Data	Suspected Alverse Reaction. On 25 May 2016 a round 2 pm the dog was vaccinated with Nobbusc DIP Nobbusc L PM Nobbusc CL PM Nobbusc PM Nobbu	, Chihuahua d	Not Known	NOBINAC DHP - 1.N/AN/A, 2.41 Dose 1 Animal (250%/2016- 25/06/2016)-GRN-GBR-NOBINAC KC- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016- 25/06/2016-BR-N-BR-NOBINAC KC- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016-25/05/2016)-GRN-GBR-NOBINAC LG- 1.N/AN/A, 2.4, 10 Dose 1 Animal (25/05/2016-25/05/2016)-GRN-GBR-	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAM. Causality O.I.

NOBIVAC L4	NLD-MERCXMSD-2016-NL-00342	Netherlands	Animal	Canine/dog	6.5 Year(s)	13/05/2016	26/05/2016	1	1 0	16/05/2016	Not Known	Behavioural disorder NOS.Megacesophagus.Hypersalivat ion, Yomitiga, Perumonia, Partingi ncreased respiratory rate, Nasal discharge, Sneesig, Cough, Tiroat irritation, Breathlessness	Not t Known	Saipected Adverse Reaction. On 13 May 2016 the dog was vaccinated with Nobivac L4. At the time of vaccination the vet noticed the dog had a lot of brown cerumen in both ears (but no citts), therefore the owner took some arclasener (not registered as a veterious medicine) home to use for 10 days. On 16 May 2016 the dog started womiting, sneezing and didn't want to go outside anymore. On 17 May 2016 the dog was taken back to the vet. The dog was coughing and the vet noticed it's throat was red. No other abnormalities were seen. Treatment was started with Cerenia (inaropitant), but the dog let on vomiting and steening. On 18 May 2016 the vet saw the dog gain and though the symptoms seemed like kennel cough. The dog had also developed parting and hypersalivation now. Treatment was started with Doward (aboxycinler) and cough micruce. On 19 May 2016 the dog was still wornting, had developed napid breathing and breathlessness. Eventually (unclear when exactly) the dog also developed nasid icharge. The dog was sent to a specialist of an ultrasound. The specialist diagnose the dog with a mega-oesophagus and an aspiration preumonia. Treatment was started with i.v. antibiotics and Nestron (pridostigning) and the dog must be glown than the control of from a platform. On 26 May 2016 the dog was doing well [but unclear if it had already recovered fully). No further information expected. [Reason for our for product: Generic ETPOT*d(ICT,ANG,RIPP,BRAT) KB Brand: NOBIVAC L4 IDXIDS 547 Reason: Vaccination] [State of health: Good]	Retriever	33.6	NOBIVAC L4 - 1.N/A,N/A,24,1 Dose 1 Asimal (13/05/2016- 13/05/2016)-BR>-BR>	OI - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality 01.
	NLD-MERCXMSD-2016-NL-00346	Netherlands		Canine/dog		26/05/2016	27/05/2016	1	1 0	26/05/2016		Pale mucous membrane, Tear flow increased, Srathing, Decreased appetite, Listless, Elevated temperature, Localised litching, Skin warmth	No Data	Suspected Adverse Reaction. On 28 May 2016 the dog was vaccinated with Nobinc L4. When the dog anvented home from the wet the dog fet was maccording to the owner and became isstess. That evening the dog started scratching around its mouth and biting its hind legs. That night the dog developed pale mucous membranes and vatery eyes. The next morning the dogs sstill ab listics and still had watery eyes, but the mucous membranes were not pale amymore. On 28 May 2016 the dog was taken to the vet. The dog's temperature was 40.2 degrees Cebius and the dog was not esting well. Treatment was started with melocikam. Presicus (infocusibly and Nutritian lappetite enhancer, not a thought of the control of the contr	3	Not Known	NOBINYL 14 - 1,N/A,N/A, 24,1 Dose 1 Arimal (26):705-705-705-705-705-705-705-705-705-705-		Time to onest of clinical signs is compatible. Clinical signs is compatible. Clinical signs in the pharmatic profile of the product and are mentioned in the product information. Other causes are possible but product innohement is suspected. Therefore causality B.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00350	Netherlands	Animal	Canine/dog	9 Week(s)	20/05/2016	30/05/2016	1	1 1	21/05/2016	Yes, <b R> >BR>Yes</b 	Pneumonia, Death, Listless, General illness	No Data	Suspected Adverse Reaction on 20 May 2016 the dog was avacinated with Nobivac DHP and Nobivac LA. The next day the dog was as bit islassic, no 21 May 2016 the dog became very sick. The dog was taken to a different vet clinic where they diagnosed the dog with an aspiration pneumonia due to som dog food in the lungs. Unknown if any retentment was started. Eventually the dog led (unclear when exact), estimated at 25 May 2016, No further information expected. [Reason for use for product: Generic: DHP 12 Mann NOBINAC DHP 201025 650 Reason vaccination Generic: LEPTO*4(ICT_CAN_GRIPP_BRAT) MS Brand: NOBIVAC DHP vaccinations and the control of the cont	Labrador Retriever e	Not Known	NOBIVAC DHP 10X1D5 610 - 1,N/A.N/A, 24,1 Dose 1 Animal (20/05/2016- 80/05/2016-BR>-BR>NOBIVAC L4 10X1D5 547 - 1.N/A.N/A, 24,1 Dose 1 Animal [20/05/2016- 20/05/2016-BR>-GR>	O1 - Inconclusive	Reasonable association in time. Listlessness is a possible adverse reaction after vaccination. However, could also fit (aspiration) pneumonia. Vaccination could not be fully excluded, therefore causality O1- Inconclusive.
NOBIVAC L4	NLD-MERCXMSD-2016-NL-00357	Netherlands	Animal	Canine/dog	6 Year(s)	10/08/2015	31/05/2016	1	1 0	07/11/2015	Not Known, Known, SR> MRY Known, Known, KR> KNown, KR> KR> KNown, KR> KNown, KR> KR> KNown, KROWN, KROWN	Hypothyroidism.Abnormal test result.Epileptic fit,Elevated bile acids	Not Known	Saspected Adverse Reaction. At a visit to the Vef for a vaccination with Noblous KK, Noblous CK, Deblous Rables and Noblous La On Jou 2015 the Ven Incided and wrote down that the dog was a somewhat amisous. On that day Bravecto was purchased, subsequently the dog was treated with Bravecto (1000MG), application details unknown. On 7 Nov 2015 the dog developed the first epileptiform attack, followed by 11 Dec, 28 Dec, 18 Jan 2016, 16 Feb (twice on one day). Somewhere between the end of Feb 2016 and the beginning of Mar 2016 the dog was treated with Bravecto (1000MG). On 31 Mar the dog had three attacks at one day. This is treated as of 14 Mar 2016 with imeptione, blood tes showed for 15 (a) Man and sightly elevated ble acids (24 or July), for further abnormalities. The attack showed for 15 (a) Man and sightly elevated ble acids (24 or July), for further abnormalities. The other continued, entry May two times, 24 May three attacks. The imeptionic dose was increased and the attacks stopped no more information one-pected. (Reason for use for product: Generic FLURALANEET CHANTET STAND REACTION STAND	Golden Retriever	35	BRANCTO 1000MG 1X1TAE BL1 1.N/A, Months, 2,4,1 Tablet is Months (01/08/2015- 01/02/2015)-81-88-N-081VAC KC 2X1LDS-2X1LDS DIL 610 - 1.N/A,N/A 2,4 1.Dose Not paginciale Not Applicable (10/08/2015- 10/08/2015)-810-88-N-081VAC (4 10X1DS 371 - 1.N/A,N/A 2,4 1 Dose Not applicable Not Applicable (10/08/2015- 10/08/2015)-810-10/08/2015- 10/08/2015-81015-810-10/08/2015- 10/08/2015-81015-810-10/08/2015- 10/08/2015-810-810-810-810-810-810-810-810-810-810	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Therefore, causality N-Unlikely.
NOBIVAC L4	NLO-MERCIXIASO-2016-NL-00377	Netherlands	Animal	Canine/dog	7 Week(s)	24/05/2016	20/09/2016	160	1 1	05/06/2016	Yes, GB>-GB>-GB>-GB>-Yes	Abdommal pain, Vomiting, Snezing, Death by euthansia, Lethargy (see also Central nervous system depression in 'Neurological'), Listless, Weight loss, Jateral recumbency, Laboured breathing, Pancreatitis, NT - hepatic lipidosis (steatosis)	No Data	Post-Authoritation Study. A Chical Study in dogs in the Netherlands to assess the safety and efficacy of an inactivated Bordstella biomchinestica plan sariges southward scance. The objective of the study is to assess the safety and efficacy of Nobivac Bord-1-sect (non-registered investigational product) in to assess the safety and efficacy of Nobivac Bord-1-sect (non-registered investigational product) in the same state of	Canine/dog	Not Known	NGBIWAC DHEPH - 1,3/I/A/M, 2,4,1 Dose 1 Animal 2(00%/2016): 24/05/2016;4RN-48RN-Mobbact L4, suspension for injection for dogs - 1,N/I/A/M, 2,4,1 Dose 1 Animal (24/05/2016-24/05/2016):4RN-4BR>	O- Unclassifiable/unassessa ble	Time to ome of clinical signs is nather long. Clinical signs (partly) if the harmacological/hockological profile of the product and can happen after vaccination. General malsiae and slowly decreased health status can lead to pancreatitis with secundar causes are possible, including an underlying disease, but product involvement can't be fully excluded. Therefore causality 0.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00437	Netherlands	Animal	Canine/dog	16 Month(s)	09/03/2015	16/06/2016	1	1 0	07/06/2016	Not Known	Lack of efficacy	Not Known	Suspected Lack of Expected Efficacy. As a pup the dog was vaccinated with Nobivac L4 around the age of 6 weeks (approx. 9 Mar 2015) and again around the age of 9 weeks (approx. 30 Mar 2015). On 7 Jun 2016 the does that evolved evolved in 2016 the worthing became more frequent and the wornth tad blackshi color. On 9 Jun 2016 the dog was taken to the vet who noticed the dog was listless and had jaundice. Blood tests showed an elevated creatine. Blood and urine was also sert to an external lab, for a PKT test for Leptospirosis showed an elevated with Fulfus, Doorson's (doxycycline), Cerenia, Methomoly and Furosonal. On 15 Jan 2016 the dog had improved a little bit, on 16 Jun 2016 there was a clear improvement (but all in fulful yercovered). Nor further information expected. (Beason for use for product: Generic: LEPTO*QLT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 10XLDS 547 Reason:		Not Known	NOBIVAC L4 10X1DS 547 - 1.N/A.N/A.24,1 dose twice (3 Week(s) 093/2015- 30/03/2015)-68R>-68R>	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.

NOBIVAC L4	NLD-MERCKMSD-2016-NL-00470	Netherlands	Animal	Canine/dog	9 Week(s)	01/06/2016	27/06/2016	1 1	0 09/06	2016 Yes, <b< th=""><th>><b lameness,pain="" nos,reluctant="" th="" to<=""><th>No Data</th><th>Suspected Adverse Reaction. On 1 Jun 2016 a pup was vaccinated with Nobivac DHP, Nobivac L4 and</th><th>Labrador</th><th>Not</th><th>NOBIVAC DHP 10X1DS 610 -</th><th>O1 - Inconclusive</th><th>CA agrees with causality assessment and comments</th></th></b<>	> <b lameness,pain="" nos,reluctant="" th="" to<=""><th>No Data</th><th>Suspected Adverse Reaction. On 1 Jun 2016 a pup was vaccinated with Nobivac DHP, Nobivac L4 and</th><th>Labrador</th><th>Not</th><th>NOBIVAC DHP 10X1DS 610 -</th><th>O1 - Inconclusive</th><th>CA agrees with causality assessment and comments</th>	No Data	Suspected Adverse Reaction. On 1 Jun 2016 a pup was vaccinated with Nobivac DHP, Nobivac L4 and	Labrador	Not	NOBIVAC DHP 10X1DS 610 -	O1 - Inconclusive	CA agrees with causality assessment and comments
										R> Ye	Boo other "SOCs" for specific pain/Elevated temperature Abnormal posture NOS,Unsteady galt,Lumbar pain		Nobbac KC. Before the vaccination the dog was slightly lame. The dog was being fed fresh meat. On 5 Jun 2015 the owner mentioned the dog was cow hocked, was in pain and has a wobbly gait. The vet noticed lameness of the left front leg, it reacted painful to being and stretching the leg. It also reacted externelly painful to slight pressure on the spinal cord. The dog was selected and x-rays were made, but no abnormalities were seen. Rio blood tests were done, no abnormalities were seen. The dog also had an elevated temperature and didn't want to wall. The vet suspected meningitis. Treatment was started with a spicial dier food and NSAIPS, the dog cleanly improved. On 24 Jun 2016 the vet also gave the dog an injection of dexamethasone, the dog has almost completely recovered now. A slibbling of this dog was cliagnosed with polymnystis by another vet, possibly triggered by vaccination. Unknown which vaccines were used. No further information expected. [Reason for use CANINE / PILBI/T SPART NOBRIVAC EVEN SEXTIDE SZXIDS 105 Reason: Vaccination Generic: BE CANINE / PILBI/T SPART NOBRIVAC EVEN SEXTIDE SZXIDS 105 Reason: Vaccination Generic: EPETO* 4(CTC,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X105 547 Reason: Vaccination [State of health! Intervalors.]	Retriever	Known	1.N/A,N/A, 24,1 Dose 1 Animal (01/06/2016-01/06/2016-BRBR-NOBINAC KC 25X155-75X155 D16: BTO 1-1.N/AN/A, 24,1 Dose 1 Animal (01/06/2016-01/06/		of the MMH. Causality O1-inconclusive.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00482	Netherlands	Human	Human	Not Known	30/06/2016	30/06/2016	1 1	. 01 30/06	2016 Not Known	Injection site bruising.Tingling sensation,Injection site skin discolouration	Known	On 30 Jun 2016 a vet accidentally injected him/herself in the finger with Nobbac L4. That same day th finger left strange, heve views advised by MSS to go to a doctor, unknown if his was actually done. On 4 Jun 2016 the vet was doing well, only the fingertip had turned blue (unclear if this is already over or still ongoing). No further information expected. Follow-up 4 Jul 2015; patient in smale. No further information expected. Follow-up 6 Jul 2015; patient in smale. No further information expected. (Reason for use for product: Generic IEPTO*4[CT,CAN,GRIPP,BRAT) RB Brand: NOBIVAC L4 10X1D5 547. Reason: Accidental Exposure] (State of health: Unknown)	e Human	Known	NOBIVAC L4 - ""24 	A - Probable	CA agrees with causality assessment and comments of the MAH. Causality A.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00497	Netherlands	Animal	Canine/dog	4.2 Year(s)	01/07/2016	22/07/2016	2 1	. 0 04/07	2016 Yes	Epileptic seizure	No Data	Suspected Adverse Reaction. On 1 Jul 2016 2 dogs (brother and sister) were vascinated with Nobive LA. On 4 Jul 2016 1 dog (the bother) had an epileptic seizure. No treatment was given. This dog never had an epileptic seizure. No treatment was given. This dog never had an epileptic seizure. No treatment was expert and the service of th	Alaskan Malamute	38.2	NOBINAC L4 10XLDS 547 - 1,N/AN/A, 24, 10 ose 1 animal (01/07/2016-01/07/2016) BR> 	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAM. Therefore causality O1 given.
	NLD-MERCKMSD-2016-NL-00514			Canine/dog	4 Year(s)	05/07/2016	06/07/2016	1 1	0 05/07	2016 Yes, R×BR×BR		No Data	Suspected Adverse Reaction no 15 Jul 2016 the day was vascinated with Nobiwar Rables and Nobiwar LA. The dag developed a short-like reaction, unknown how long after varcication. The dag was treated with an injection of controsteroids, unknown but ong after varcication. The dag was treated with an injection of controsteroids, unknown if the dag recovered. Follow-up information pending, Another Gog Blos or Chilbulant John and Ifferent owner but vaccinated not he same day with same vaccines also reacted in a similar way. See oza 2016-NL-00515. [Reason for use for product: Generic: LETO-14 (CAL) GARDES FAR IN BE Brand. NOBBVAC LA I SUDIS 547 Reason Vaccination [Generic: RABIES IN ALLI ADILIVANT FAY Brand: NOBBVAC RABIES 10XLDS 610 Reason: Vaccination] State of health: Unknown!	Chihuahua	3.3	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose (05/07/2016-05/07/2016)-BR>BR>Nobivac Rabies SUSPENSION FOR INJECTION - 1,N/A,N/A,24,1 Dose 1 Animal (05/07/2016-05/07/2016)-BR>BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00515	Netherlands	Animal	Canine/dog	5 Year(s)	05/07/2016	06/07/2016	1 1	. 0 05/07	2016 Yes, <br< td=""><td></td><td>No Data</td><td>Suspected Adverse Reaction. On 5 Jul 2016 the dog was vaccinated with Nobbwa Rabbies and Nobbwa LA. The dog developed a short-like reaction, unknown how long after vaccination. The dog was treated with an injection of controsteroids, unknown if the dog recovered. Follow-up information pending, Another Gog loao Ca Chibalwalin from a different owner but vaccinated not hes same day with same vaccines also reacted in a similar way. See aces 2016-HL-00514. [Reason for use for product: Generic: LETPO-14(CT.ACM,SRIP) RBAIN INS Brand-NOBBVAC L4 JOLIDS 547 Reason-Vaccination [Generic: RBAILS IN ALLI ADILIVANT FX Brand: NOBBVAC RABIES 10XLDS 610 Reason-Vaccination] States of health: Unknown!</td><td>Chihuahua</td><td>2.7</td><td>Nobiwac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose (05/07/2016-05/07/2016-BR> Nobiwac Rabies - 1,N/A,N/A, 24,1 Dose 1 Animal (05/07/2016-BR> </td><td>B - Possible</td><td>CA agrees with causality assessment and comments of the MAH. Causality 8</td></br<>		No Data	Suspected Adverse Reaction. On 5 Jul 2016 the dog was vaccinated with Nobbwa Rabbies and Nobbwa LA. The dog developed a short-like reaction, unknown how long after vaccination. The dog was treated with an injection of controsteroids, unknown if the dog recovered. Follow-up information pending, Another Gog loao Ca Chibalwalin from a different owner but vaccinated not hes same day with same vaccines also reacted in a similar way. See aces 2016-HL-00514. [Reason for use for product: Generic: LETPO-14(CT.ACM,SRIP) RBAIN INS Brand-NOBBVAC L4 JOLIDS 547 Reason-Vaccination [Generic: RBAILS IN ALLI ADILIVANT FX Brand: NOBBVAC RABIES 10XLDS 610 Reason-Vaccination] States of health: Unknown!	Chihuahua	2.7	Nobiwac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose (05/07/2016-05/07/2016-BR> Nobiwac Rabies - 1,N/A,N/A, 24,1 Dose 1 Animal (05/07/2016-BR> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00565	Netherlands	Animal	Canine/dog	5 Year(s)	23/06/2016	02/02/2018	1 1	. 1 24/06	Yes	Injection site swelling. Skin necrosis, Death site site of the site of the site of the extraction site of the site	No Data	Suspected Adverse Reaction. A Gog was vaccinated with Nobinac L4 as part of an annual re- vaccination on 23 and 2016 fleasis vaccination 2015, re-accination in 2015 and to date). On 24 jun th dog was seen by the Vet with a swelling around the site of injection, 10 cm long and 5 cm wide. The dog was seen by me with a three day course of a Carpolen ASDN (Carpody) 2010 MC once daily, not Jun the dog looked very III, breathing heavily but not dyspines, the swelling increased, treatment with Clawhactine i inflation. On June 30, demancation of the skin, referral to a specialist. Recrotising feating was diagnosed. Due to the uncertain outcome and long-term treatment it was decided to exthanize the dog on 8.9 Jul 2015. 5 Jul 2015 increbiological estimate browd that the necrosising seasing Sireptococcus caria. 09-08-2016 CA: change reaction end date from 19 July into 9 July according to the diomnation in the case narrative. Follow- July 25 Jul 2016; The od gwas vaccinated with batch AG6501. No more information expected. Follow- up on 02 Feb 2018: VetDRA code "death by estathmanial" has been added. [Reason for use for product: Generic LEFTO*QCT_CAN_GRIPP_BRAT] ISB Branch NOBIVAC L4 10XIDS 547 Resson: Vaccination] [State of health rain.)	Pointing Dog 5	- 28.5	Noblwa C.4, suspension for injection for dogs - 1/NA (Year, 24, Annual re-vaccination (23/06/2016-23/06/2016-BR>-BR>	A - Probable	CA agrees with causality assessment and comments of the MAH. Causality A-Probable.
	NLD-MERCKMSD-2016-NL-00570				9 Week(s)			1 1	0 19/07	2016 Yes, R> BR> BR		D No Data	Sapected Adverse Reaction. A flog of Toomer breed received a simultaneously succination with Nobbace Land An Obbace Land Nobbace Can Can Can week of age, Within Simulater of vaccination the dog developed a hypersensibility reaction; vomitting one-stop, diarrhoes once, the dog fainted and exhelped hypothemis. The reaction was treated with Decamentasione (IV), and influence of the day the dog was varied. Blood sugar levels were play. The rest of the day the dog was sow, the next day the dog had recovered. The dog was varieded with Nobbace Huggly DP at 2t sweet of age without any problems. No further information expected. [Reason for use for product: defenric: LETO-41CH_CAN_GRIPP_BRAIN_18 E man N. DBRAIC_LA I SURDES AT Resort Vaccination) [State of health; University Can	Crossbred	1.72	NOBIVAC L4 10X1DS 547 - 1.N/A,N/A, 24,1 Dose Not applicable 1 Animal (190/7)2016- 19/07/2016;-BR-SBR-NOBIVAC PARVO-C 10X1DS 610 - 1,N/A,N/A 24,1 Dose Not applicable 1 Animal (19/07/2016-19/07/2016)-BR>-BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B - Possible
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00623	Netherlands	Animal	Canine/dog	2.5 Year(s)	01/01/2015	03/08/2016	1 1	0 01/01	2015 Not Known, <br< td=""><td>BR></td><td>Not Known</td><td>Saspected Adverse Reaction. In 2015 a dag was vaccinated with Nobinac CHP and Nobinac L4. Smultaneous use with other products is unknown. After approximately a veset the dag suffered from an epileptic seizure. In 2016 the dag was vaccinated again, this time with Nobinac L4 and Nobinac KC. Concomitant use with other products is unknown. After approximately a vesets the dag had again an epileptic seizure. No underlying problems found with an extensive blood test. No more interval/nas these epileptic seizure. No underlying problems found with an extensive blood test. No more information expected. [Reason for use for product: Generic: LEPI-V Brand: NOBINAC DHP 10XLDS 61D Reason: Vaccination Generic: BB CANINE / PI LB/LV Brand: NOBINAC DHP 10XLDS 61D Reason: Vaccination [State of health: Unknown]</td><td>Beagle</td><td>Not Known</td><td>NOBINAC DHP 10X1DS 610 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2015-BR>-KBR>NOBINAC KC SX1D5-SX1D5 DIL 610 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-01/01/2016-S47 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-S47 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-01/01/2016-01/01/2016-BR>-KBR>NOBINAC L4 10XIDS 547 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2015-01/01/2016)-BR>-KBR></td><td>O1 - Inconclusive</td><td>CA agrees with causality assessment and comments of the MAH. Causality O1-inconclusive</td></br<>	BR>	Not Known	Saspected Adverse Reaction. In 2015 a dag was vaccinated with Nobinac CHP and Nobinac L4. Smultaneous use with other products is unknown. After approximately a veset the dag suffered from an epileptic seizure. In 2016 the dag was vaccinated again, this time with Nobinac L4 and Nobinac KC. Concomitant use with other products is unknown. After approximately a vesets the dag had again an epileptic seizure. No underlying problems found with an extensive blood test. No more interval/nas these epileptic seizure. No underlying problems found with an extensive blood test. No more information expected. [Reason for use for product: Generic: LEPI-V Brand: NOBINAC DHP 10XLDS 61D Reason: Vaccination Generic: BB CANINE / PI LB/LV Brand: NOBINAC DHP 10XLDS 61D Reason: Vaccination [State of health: Unknown]	Beagle	Not Known	NOBINAC DHP 10X1DS 610 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2015-BR>-KBR>NOBINAC KC SX1D5-SX1D5 DIL 610 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-01/01/2016-S47 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-S47 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2016-01/01/2016-01/01/2016-BR>-KBR>NOBINAC L4 10XIDS 547 - LIN/AN/A 24,1 Dose 1 Animal (01/01/2015-01/01/2016)-BR>-KBR>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1-inconclusive

NOBIVAC L4	NLD-MERCKMSD-20		Netherlands	Animal	Canine/dog	9 Week(s)	08/08/2016	29/09/2016	1	1 0	09/08/2016	Not Known,dBh>dB Not Known,dBh>dB Not Known,dBh>dB Not Known,dBh>dB Not Known,dBh>dB Not Known	Biting-aggression (see also "Skin and appendages disorders"), thead down, Groaning, Shaking, Dry mucous membrane, Decreased body temperature, Pale mucous membrane, Decreased body unination, Behavioural disorder NOS, Loose stool, Unequal pupils, Ataxia, Falling, Vomiting	Not	Siapected Adverse Reaction. On 6 Aug 2016 a dog (American Bully Pocket) was brought from the breeder. On 8 Aug 2016 the dog was vaccinated with Nobiwa: L4 and Nobiwa: Parvo-C. Also Advocate medium dog was provided. The vet advised the owner to administer Advocate after a couple of days. Unknown if this product was administered and when. On 8 Aug 2016 until 12 in the morning the dog seemed fine, possibly a bit more calm. At 12 the dog ast after which the dog became more and more shally and atactic. Also the dog sat in its urine. At 15.15 the vet was visited. The dog had not vomited, but had loose stool. The dog saffered from hypotherial (37)-1, L1, tim across membranes were dy an pale and it was very atactic. Blood glucose levels were normal. The dog was injected with Desadresor 2 anglind IM. First it appeals, but a fact is Timulizes the dog was calm. The dog step depend, grand mucous membranes became slightly darker. After one hour it was noticed that one pupil was very liga and one very small. The dog stell groate, fell over, it tried to be and hardy little the head (seemed painful). Temperature was still 37 C. At 17.00 pm as sudden improvement was seen: the dog responded ast, peed. The dog seemed to recover. Only one time it vorsinate nepected. Tolky Metomotyl'S mg/ml was provided IM. At 20.00 pm the dog was sent home: it was happy and a bit wobby, At 10 Aug 2016 the owner was called. The dog is foliog good. No more information espected. Tolky owney 12 Sep 2016 dog was succinated with Nobbwa CHP on 5 Sep 2016 without any problem at all. No further information percent. Gloss of Poliov-up received on 11 th Ort 2016 folio was vaccinated with Nobbwa CHP on 5 Sep 2016 without any problem at all. No further information espected. Gloss of the out of products: Generic. CANINE PARVOL 12 Stand NoBWA/C PARVOL 2 STAND STAND Research Vaccination Generic Enrich 4 Advocate medium dog Resion: Unknown! J State of the American Stand Parvolet on 11 th Ort 2016 folio was vaccinated with Nobbwa CHP on 5 Sep 2016 and on the proble	Other Canine/dog	5.5	Advocate Spot-on solution for medium dogs - N/AN/A/N M/AN/A (08/G27016 for Market Medium dogs - N/AN/A/N M/AN/A) (08/G27016 for Market Medium dogs - N/AN/A) (2016) for Market Medium dogs - 1/A/AN/A) (24) Lose 1 Animal (08/G8/2016 for Medium dogs - N/AN/A) (24) Lose 1 Animal (08/	B - Possible O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVIC LI			vernerianos	Aviiridi	Latiney dog	o Tedf(5)	12/11/2015			1		NOL KIDWII	Dearth guirmania, Lack ti efficacy	Known	Concomitant use with other products unknown. On 28 Jul 2016 the vet was visited because the dog was lethraging and suffered from polyrist ployolysips. Northing special was found with examination. Blood test: Elevated hepatic levels. On 1 Aug 2016 an echo was made of the liver. Bile ducts were enlarged. The dog was treated with, amongot others, amountallin (Javulanic and Gearmethasone and Cereira. On 2 Aug 2016 blood was taken for a Microscopic Aggiutanistion Test for leptospriosis. On 3 Aug 2016 the dog was treated with, amongot others, amountain the MT care in: 11:00 postive for Aug 2016 the dog was treated with amongot of the state from the MT care in: 11:00 postive for Aug 2016 the dog was treated in Gertt. The dog was taken home because of financial reasons. On 8 A 2026 the dog was exhabilised. On 8 Aug 2016 the results from the MT care in: 11:00 postive for Scale the dog was exhabilised. On 8 Aug 2016 the results from the MT care in: 11:00 postive for starried gapoing and direking the latter horice as much as usual). The ultrasound of 1 Aug 2016 also showed thickened with a most cillin/civalunic acid, dexamethasone, urusdeoxycholic acid, Lose and Cereni. The dog also vomited and did not want to each. On 4 Aug 2016 an ultrasound examination was performed; pancreatic edema and surrounding steatitis (most likely acute pancreatitis), gastrifs, fluid in cranial abdomen. On 3 and 6 Aug 2016 the dog womet deverant listers and host to be forced to eat. Background: The dog appeared to be on a special diet for cholesterol deposition in the eyes. The dog had ceses to open water. No more information expected. Reason for latter than the follow-up (Reason for use for product): LEPOT-94 (CT.CAM,SRIPP,BRAT) kills finance in Cerenic. LEPOT-94 (CT.CAM,SRIPP,BRAT) kills finance in Care the Care of th	Duck Tolling Retriever	Known	for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (1, Days) 1,271,17015- 12/11/2015/sBr> 	U Inconclusive	vaccine is indicated for the reduction of clinical signs enexyretion of legospies with the unit and not prevention. Clinical signs could be in concordance with the signs of an infection with legospiers. As additional examination 1.Maf [1:100] was performed, which could be an indicative factor on suspicion of legtospiross, but could also be reliated to vaccination on 12 nomember 2015. No palmed server mangles were collected. Connequently, product involvement can not be confirmed, but also not excluded, instrictlicent data. No autoppy is performed. Therefore causality O1 given.
NOBIVAC L4	NLD-MERCKMSD-20		Netherlands	Animal	Canine/dog	13 Month(s)	10/08/2016	01/09/2016	1	1 1	13/08/2016	Not Known, SRS-GR> Not Known, SRS-SRS-SR> Not Known	Diarrhoes. Bloody diarrhoes repetit necrosis, Death by euthansis, Weakness, Abnormal test result, Elevated liver enzymes, Renal degeneration, Juresponsive to stimuli, Rolling	Not Known	Sispected Adverse Reaction. On 10 Aug 2016 a dog was vaccinated with Nobwac LH2 an Nobbwac LE an Nobbwac LE an Nobbwac LE an Nobbwac LE dog and middle distributes. From 14 to 15 Aug in the dog; seemed happy, no symptoms. On 15 Aug 10 in the evening and right the dog had admindee. From 14 to 15 Aug in the dog; not simply no symptoms. On 15 Aug 10 in the evening and right the dog had admindee again. On 17 Aug in the morning the dog was in the garden and happy, At 123 and print the dog was in the garden and happy. At 123 and the converted that 15:30 pm the owner came back and the dog was flying completely weak in its bed and did not respond to external stimuli. Blood tests were performed: hepatic levels were extremely high and glucose levels externely low. The dog had bloody darmhoea. The dog was differed and glucose was provided iv. At the end of of the evening glucose levels were sight elevated (3.1). During the night the dog was rolling on its back and started 'cycling' in the air. On 18 Au 2016 in the morning the dog was was themed. The dog might be send for autopsy, 17 so, more information expected. Follow-up (1 Sep 2016): the dog was sent in for autopsy, Results state the dog had cate panioblead here recross its and care enal degeneration. This could fit an intoxication, it doesn't really fit Leptosprosis. Parioblain liver necrosis due to canine adenovirus seems unlikely but cannot be fully seclated. Due to the 3 days internal between excitation and symptoms and desthy, a relationship between both does not seem likely. No further information expected. [Reason for use for product: Generic IS ALNIN P. If July Rannic NoBNAC KC XSIDS-SySIDS in Ed Reason: Vaccination (State of health: Unknown)	t V S	Not Known	NOBINAC DHP 10X1DS 610 - NANANAN AN JANAN (10/08/2016-1	O3 - Inconclusive	Time to onest of clinical signs is compatible. Vaccines are known to positive quase or trigger systemic reactions. Multiple products used concomitantly, According to the autopy report, an introcation could fit, but product involvement can not be fully excluded. Overall, causality 0.1.
	NLD-MERCKMSD-20		Netherlands		Canine/dog	9 Week(s)	18/08/2016	23/08/2016	1	1 0	20/08/2016	> Not Known	Anaemia NNS, Tachyardia, Depressed reflexes, Hyperthermia, Letharty (see also Central nervous system depression in Neurological) Fever Abnormal test result, Bloated stomach, Stomach pain, Hind limb paralysis, Decreased activity	Not Known	Suspected Alverse Reaction. A flog from a breeder was vaccinated simultaneously with Nobbac L1 and Nobbac Rano-C on 18 Aug 2016. It is unknown if other products were used in the morning of 20 Aug the dog developed the following complaints: slow, T 40.2 degrees Celsius, sensitive stomach a heart frequency of 150/minute and print mucous membranes. This was treated with a Mediosicam injection. 21 Aug, the reaction continued, an echo of the abdomen (invagination??) did not show any abnormalities, the dog was hospitalized and received an influint. The belly remains tense, the dog does not want to wait. 22 Aug, the dog is very slow, paretic hird legs, T 39.4, paintful on lifting up, Blood testing showed slightly elevated amonocytes, decreased hematoric, lincreased AT but normal alkaliane phosphatase. No correction reflexes (find legs, I front delayed: The dog was treated with a lasative and produced that stool. 23 Aug. 2016 the dog is earlied upwell and its attention (F 32.2 bit still carnot stand on its hird legs, Another dog from the same titter (female) from another animal owner, vaccinated with Inches vaccines, law similar produces as the edge in bits case. Follow-up espected, drow was the control of the	(Beauceron)		NOBINK-PARVO-C IDXLDS 610- 1,1/N/N/A, 24,1 00-1 Animal (18/08/2016-18/08-N-BR-NB-Nobivac L4, suspension for injection for dogs - 1,1/N/A/A, 24,1 00-21 Animal (18/08/2016-18/08/2016)-BRBR-	01 - Inconclusive	Time to onest of clinical signs is compatible. Vaccine, are known to positive, ouse or trigger systemic reactions. Other causes are possible, like an underlying predisposition or disease, but product involved can not be excluded. Therefore causality O1.
	NLD-MERCKMSD-20		Netherlands			Not Known		12/09/2016	1	1 0	01/01/2016	Not Known	Neurological signs NOS	Not Known	Supercted Adverse Reaction. A fog was vaccinated with Nobinac L4 junknown when exactly, estimate at Aug 2016) after which I developed neurological signs. No Untrier details known at lists time, follow up information pending. 12 Sep 2016: attending vet did not supply follow-up information, therefore ne truther information expected. [Reason for user for product; Generic LEFOT-40(TC,TAM,GRIPP,BRAT) KB Brand: NOBIVAC L4 IDXID5 547 Reason: Vaccination] [State of health: Unknown]	d Other Canine/dog	Not Known	NOBIVAC L4 10X1DS 547 - 1,N/A,N/A,24,1 Dose 1 Animal (01/08/2016-01/08/2016) 	O - Unclassifiable/unassessa ble	CA agrees with causality assessment and comments of the MAH. Causality O - Unclassifiable/unassessable
NOBIVAC L4	NLD-MERCKMSD-20	16-NL-00725	Netherlands	Animal	Canine/dog	9 Week(s)	01/07/2016	31/08/2016	1	1 0	01/07/2016	Not Known, Not Known, Not Known, <br< td=""><td>Facial oedema, Swollen eye</td><td>Not Known</td><td>Suspected Alverse Reaction A, pup was vaccinated with Nobince Pairo-C., Nobbac L4 and Nobince K2 and the Nobince K2 and the Reaction A, and the age of 9 week excitation the dog developed swollen jees and a swollen nose. The dog was treated with desamethasione after which it recovered. No further information expected. [Reastin for use for product. Generics BCANINF / P16.I/N Irand: NOBIVAC K2 25XID5-XZID5 DIL 6.10 Reaston: Vaccination Generic: LEPTO*4(ICT.CAM,GRIPP,BBAT) K8 Brand: NOBIVAC LAW AND AND AND AND AND AND AND AND AND AND</td><td>Other Canine/dog</td><td>Not Known</td><td>Nobivac KC - 1,N/A,N/A, 2,4 1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>-8R>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,2 4,1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>>8R>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>-8R>Nobivac 01/07/2016-</td><td>B - Possible</td><td>CA agrees with causality assessment and comments of the MAH. Causality B.</td></br<>	Facial oedema, Swollen eye	Not Known	Suspected Alverse Reaction A, pup was vaccinated with Nobince Pairo-C., Nobbac L4 and Nobince K2 and the Nobince K2 and the Reaction A, and the age of 9 week excitation the dog developed swollen jees and a swollen nose. The dog was treated with desamethasione after which it recovered. No further information expected. [Reastin for use for product. Generics BCANINF / P16.I/N Irand: NOBIVAC K2 25XID5-XZID5 DIL 6.10 Reaston: Vaccination Generic: LEPTO*4(ICT.CAM,GRIPP,BBAT) K8 Brand: NOBIVAC LAW AND	Other Canine/dog	Not Known	Nobivac KC - 1,N/A,N/A, 2,4 1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>-8R>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,2 4,1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>>8R>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (01/07/2016- 01/07/2016-)8R>-8R>Nobivac 01/07/2016-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.

NOR!!!	NLD-MERCKMSD-2016-NL-00734	Nontrales :	Autoral	Control (d	1011	15/11/2015	31/08/2016	- d		40 (00 (20) = I	N-a	Death.Lack of efficacy	No Dec	spected Lack of Expected Efficacy for Lepto. On 15 Dec 2015 the dog was vaccinated with Nobiyac Staffordshire 12.4 NOBIYAC RAB	andanda ara los terrestestes los	
		Netherlands	Animal	Canine/dog	10 Month(s)			1 3	1		Not Known, BR> SBR> 		No Data	and on 6.1 an 2016 it received a booster vaccination of Nobbac L 4 and a vaccination with Nobbuc Bull Terrier Park Nobbuce Rables. On 19 Aug 2016 the dog developed vortiling, not eating and infining and had filled the properties of the properties	01/2016 of the BR-Nobbac OHP- set 1 Arimal BR-Nobbac L4, ction for dogs- se twice (7 5- 5- BR-	grees with causality assessment and comments MAH. Causality OI.
NOBIVAC L4	NLD-MERCIANSD-2016-NL-00735	Netherlands	Animal	Canine/dog	13 Month(s)	01/09/2015	01/11/2017	1 :	. 0	15/08/2016	Yes	Lack of efficacy	No Data	Spected Lax of Espected Efficacy for Lepton In Sep 2015 the dog was succinated with Noblous C.B. On booster vaccination was given therefore ext tale lave lay. On 15 st. 4g 2016 the dog became less. On 18 st. 4g 2016 the dog became less. On 18 st. 4g 2016 the dog became less. On 18 st. 4g 2016 the dog as low omitted and didn't want to eat. The dog also had clear nasal change It was taken to the vet. the only was bornown to the vet. the only was bornown was a supportant of 9.3.1 degrees Celsius. Treatment was started with metoclop amuse and carprofer. On Aug 2016 the dog was tested for Leptopipoiss. Aug 2016 the dog was not doing well and was taken back to the dog was tested for Leptopipoiss. Aug 2016 the dog was not doing well and was taken back to the the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for Leptopipoiss. A stream of the dog was tested for a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in a stream of the stream of the referred lating rescribed in the stream of the referred lating rescribed in the stream of the referred lating rescribed in the stream of the st	'A ,24,1 Dose Not I (01/09/2015-	grees with causality assessment and comments to MAH. Causality B - Possible.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00753	Netherlands	Animal	Canine/dog	4 Month(s)	01/09/2016	12/10/2016	1	1	04/09/2016	Yes, 	Diarrhoea Yellow mucous membranes, Death, Decreased appetite, Listless, General illness, Abnormal necropsy finding	No Data	bblems before (these pups were imported from the UK) and has also had pups die of Salmonella 1.N/A.W.A24 ection due to feeding BARF (therefore they do not feed BARF anymore). Follow-up information (01/09/2015): 01/09/2015; 02 tot 2015; the dop had not only developed listlessess, not eatilg well and 01/09/2015; 01/0	sage form 1 Guillio BR-Nobivac DHP- sse 1 Animal BR-Nobivac L4, ction for dogs- sage form 1 G-	ppy results concluded that the pap died of a obspace of the concluded that the pap died of a obspace of the concluded that the paper of
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00774	Netherlands	Animal	Canine/dog	Not Known	01/01/2016	02/01/2017	1 1	. 0	01/09/2016	Not Known	Lack of efficacy	Not Known		'A ,24,1 Dose 1 Unclassifiable/unassessa of the ble	grees with causality assessment and comments te MAH. Causality O - Unclassifiable/unassessable
NOBIVAC L4	NLD-MERCIMASD-2016-NL-00778	Netherlands	Animal	Canine/dog	2 Year(s)	14/01/2016	12/09/2016	3		03/03/2016	Yes	Listless, Fever, Weight loss, Dehydration, Abnormal uttrasound finding, NT- lymphoplasmagor, lymphoplasmagor, enteritis, Diarrhoea, Yomiting, Drinki ng a lot, Decreased appetite	No Data	e dog developed diarrhoea and was drinking a lot. It was taken to the vet who started treatment for dogs - 1.N, th Stomorgyl (metronidazole). On 12 Mar 2016 the dog had also developed fever (40.1 degrees Animal; dose f		grees with causality assessment and comments MAH. Causality O1

NORIVAC 14	NLD-MERCKMSD-2016-NL-00798	Netherlands	Animal	Caning/dog	5 Month(s)	21/06/2016	03/01/2017	1 1	0 07/	10/2016 Vac	s, <b< th=""><th>Lack of efficacy</th><th>No Data</th><th>Suspected Lack of Expected Efficacy. The dog was vaccinated with Nobivac L4 on 21 Jun 2016 and</th><th>Boyer</th><th>14</th><th>Nobivac DHP - 1,N/A,N/A ,24,1 Dose</th><th>B - Possible</th><th>Efficacy of vaccination may be expected (onset of</th></b<>	Lack of efficacy	No Data	Suspected Lack of Expected Efficacy. The dog was vaccinated with Nobivac L4 on 21 Jun 2016 and	Boyer	14	Nobivac DHP - 1,N/A,N/A ,24,1 Dose	B - Possible	Efficacy of vaccination may be expected (onset of
										R>< <bb BR> R>< ><b< td=""><td>× ×CBR>Yes, RX>CBR>CBR> X>CBR>Yes,<b ×CBR>CBR> KSBR>CBR> KSBR>CBR> KSBR> K</b </td><td></td><td></td><td>received a booster vaccination on 11 Jul 2016. On 21 Jun 2016 the dog was also vaccinated with Nobbace Charle Nobbace Rarved. And on 11 Jul 2016 the dog was also vaccinated with Nobbace Charle Nobbace Rarved. And on 11 Jul 2016 the dog was also vaccinated with Nobbace Charle On 11 Jul 2016 the dog was also vaccinated with Nobbace Charle Profit of the Charles of th</td><td>(German Boxer)</td><td></td><td>1. Animal (11/07/2016- 1107/2016)=BR-No-blava K C- 1.N/A.N/A. 24.1 Dose 1 Animal (21/06/2016- 21/06/2016-189-eBR-No-blava L 4, suspension for injention for digs- 1.N/A.N/A. 24.1 dose twice (20 Daylo (21/06/2016- 11/07/2016)=BR-SB-No-blava Parvo-C-1.N/A.N/A. 24.1 Dose 1 Animal (21/06/2016- 21/06/2016)=BR-SBS-</td><td></td><td>immunity, should be expected 3 weeks after vaccination has contained with the SPC of the VMP). The vaccine is indicated to reduce infection and exerction of legions; with the urine and not prevention. Clinical signs could be in concordance with the signs of an inection with the solippers, salied serum samples were collected. Results of MAT tests showed a strong increase in that for Lancibods, which indicates the dog was infected with this exercer. Life of the value of va</td></b<></bb 	× ×CBR>Yes, RX>CBR>CBR> X>CBR>Yes, <b ×CBR>CBR> KSBR>CBR> KSBR>CBR> KSBR> K</b 			received a booster vaccination on 11 Jul 2016. On 21 Jun 2016 the dog was also vaccinated with Nobbace Charle Nobbace Rarved. And on 11 Jul 2016 the dog was also vaccinated with Nobbace Charle Nobbace Rarved. And on 11 Jul 2016 the dog was also vaccinated with Nobbace Charle On 11 Jul 2016 the dog was also vaccinated with Nobbace Charle Profit of the Charles of th	(German Boxer)		1. Animal (11/07/2016- 1107/2016)=BR-No-blava K C- 1.N/A.N/A. 24.1 Dose 1 Animal (21/06/2016- 21/06/2016-189-eBR-No-blava L 4, suspension for injention for digs- 1.N/A.N/A. 24.1 dose twice (20 Daylo (21/06/2016- 11/07/2016)=BR-SB-No-blava Parvo-C-1.N/A.N/A. 24.1 Dose 1 Animal (21/06/2016- 21/06/2016)=BR-SBS-		immunity, should be expected 3 weeks after vaccination has contained with the SPC of the VMP). The vaccine is indicated to reduce infection and exerction of legions; with the urine and not prevention. Clinical signs could be in concordance with the signs of an inection with the solippers, salied serum samples were collected. Results of MAT tests showed a strong increase in that for Lancibods, which indicates the dog was infected with this exercer. Life of the value of va
	NLD-MERCIMISD-2016-NL-00834	Netherlands	Animal	Canine/dog		24/02/2016	29/09/2016	1 1		R><	.s, <br< td=""><td>Death, Lack of efficacy</td><td>No Data</td><td>Sixpected Lisk of Expected Efficacy, Dog has been vaccinated as a pup (1 May 2015) and at the age of 1 year oil (2 AF e-1020) (1 With Noblaco AFP band Robbiot AL Approximately 4 months ago (Jun 2015) the dog was brought back to the breeder and according to the breeder the dog was small and a bit underweight but overall appeared healthy. In the weekend of 2472-55 ep 2016 the dog glowled with other dogs in a meadow and one of the other dogs had severe cliarrhae. On 28 Sep 2016 the dog developed severe defirmes with blood, under all any tearnets was started, and on 25 Sep 2016 the dog died. A snap test was performed and tested positive on Parvo. Dog is sent in for autoppy. Follow up bit sepected. Follow-up (4 Oct 2016) at subopy results: scutte encortaing enterties, large amounts of Clostridium perfringens en Clostridium sordelli present in the intestines. Unclear if the positive snap- test for Parvo was confirmed or not, the pathologist will be contacted about this, Additional information about previous vaccinations: as a pup the dog was vaccinated against parvo at approx. 6 weekes of age (Vingarad CVI), 9 weeks (Nobiave Panvo-C) and 21 weeks (Nobiave DPI). Follow- ju information pending, Follow-up (10 Oct 2016); extra information concerning autopsy after pixel or a parvo-infection. No further information expected. [Reason for use for product: Generic: DHP IV Brand: NOBINAC DHP IDXLDS 510 Reason. Vaccination) [State of health: Good]</td><td>f Rottweller</td><td>25.7</td><td>NOBHAC DHP 10XIDS 610- 11/N/N/A) 24.7 loos 1 Animal (24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016-</td><td>N - Unlikely</td><td>CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely</td></br<>	Death, Lack of efficacy	No Data	Sixpected Lisk of Expected Efficacy, Dog has been vaccinated as a pup (1 May 2015) and at the age of 1 year oil (2 AF e-1020) (1 With Noblaco AFP band Robbiot AL Approximately 4 months ago (Jun 2015) the dog was brought back to the breeder and according to the breeder the dog was small and a bit underweight but overall appeared healthy. In the weekend of 2472-55 ep 2016 the dog glowled with other dogs in a meadow and one of the other dogs had severe cliarrhae. On 28 Sep 2016 the dog developed severe defirmes with blood, under all any tearnets was started, and on 25 Sep 2016 the dog died. A snap test was performed and tested positive on Parvo. Dog is sent in for autoppy. Follow up bit sepected. Follow-up (4 Oct 2016) at subopy results: scutte encortaing enterties, large amounts of Clostridium perfringens en Clostridium sordelli present in the intestines. Unclear if the positive snap- test for Parvo was confirmed or not, the pathologist will be contacted about this, Additional information about previous vaccinations: as a pup the dog was vaccinated against parvo at approx. 6 weekes of age (Vingarad CVI), 9 weeks (Nobiave Panvo-C) and 21 weeks (Nobiave DPI). Follow- ju information pending, Follow-up (10 Oct 2016); extra information concerning autopsy after pixel or a parvo-infection. No further information expected. [Reason for use for product: Generic: DHP IV Brand: NOBINAC DHP IDXLDS 510 Reason. Vaccination) [State of health: Good]	f Rottweller	25.7	NOBHAC DHP 10XIDS 610- 11/N/N/A) 24.7 loos 1 Animal (24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016- 24/02/2016-	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
NOBIVAC L4		Netherlands	Animal	Canine/dog	3 Month(s)	02/09/2016	28/10/2016	1 1		> <b kno="" not=""><b kno="" not=""><b kno="" not=""><b kno="" not=""><b kno<="" not="" td=""><td>ot lown, BR BR>BR>BR>BR>BR>BR>BR>BR ot lown, BR BR>BR>BR>BR>BR>BR ot lown, BR BR>BR>BR ot lown, BR BR>BR>BR BR>BR>BR ot lown, BR BR BR>BR>BR BR B</td><td>Inappropriate urination.Eye discorder NOS (for photophobla see neurological').Cerebral ocedema.Nystagms.Death by euthanasia.Elevated temperature.Ahormal movement NOS.Impaired consciousness</td><td>Not Known</td><td>Sispected Adverse Reaction. On 15 Aug. 2016 a day was vaccinated with Nobwac L4 and Nobwac Parvo C. Allo some natiparastic products (Milleman and STronghold) were provided. On 2 5ep 2016 the dog was vaccinated with Nobwac DHP and Nobbac L4. Also Millemans was provided. On 2 5ep 2016 1020 1616 the dog uddenly suffered from eightglic seizure. The dog was absent, unitared inappropriated 2016 1616 per suffered to the provided of the provided</td><td>Beagle</td><td>5.9</td><td>115/08/2016 01/09/2016/98PRBN-Noblvac DHP N/AN/AN/A 24,Unknown 01/09/2016-18</td><td>01 - Inconclusive</td><td>No strong association in time [almost 4 weeks after vaccination]. Epiletic seitures have been reported in loolated cases. Multiple products used. Autopsy did not provide any more information on the possible cause. Other causes are possible, including an underlying disease. Dut product innovement can't be excluded. Therefore causality 0.1.</td>	ot lown, BR BR>BR>BR>BR>BR>BR>BR>BR ot lown, BR BR>BR>BR>BR>BR>BR ot lown, BR BR>BR>BR ot lown, BR BR>BR>BR BR>BR>BR ot lown, BR BR BR>BR>BR BR B	Inappropriate urination.Eye discorder NOS (for photophobla see neurological').Cerebral ocedema.Nystagms.Death by euthanasia.Elevated temperature.Ahormal movement NOS.Impaired consciousness	Not Known	Sispected Adverse Reaction. On 15 Aug. 2016 a day was vaccinated with Nobwac L4 and Nobwac Parvo C. Allo some natiparastic products (Milleman and STronghold) were provided. On 2 5ep 2016 the dog was vaccinated with Nobwac DHP and Nobbac L4. Also Millemans was provided. On 2 5ep 2016 1020 1616 the dog uddenly suffered from eightglic seizure. The dog was absent, unitared inappropriated 2016 1616 per suffered to the provided of the provided	Beagle	5.9	115/08/2016 01/09/2016/98PRBN-Noblvac DHP N/AN/AN/A 24,Unknown 01/09/2016-18	01 - Inconclusive	No strong association in time [almost 4 weeks after vaccination]. Epiletic seitures have been reported in loolated cases. Multiple products used. Autopsy did not provide any more information on the possible cause. Other causes are possible, including an underlying disease. Dut product innovement can't be excluded. Therefore causality 0.1.
	NLD-MERCIMISD-2016-NL-00840	Netherlands	Animal	Canine/dog	14 Week(s)	27/09/2016	28/09/2016	1 1		> <b Yes R>< <br BR></br </b 	ot lown, <br BR> <br :s, <b Yes, iR> < t>>BR> <</b </br </br 	Vomiting.Retching.Stumbling gait.Eyesight trouble	No Data	Supected Adverse Reaction A, puppy dag was vaccinated with Nobixet L.N, nobixac DHP and Nobixac Rables. Approximately 5.5 hours later theo gistared vonifiety loxienty. The reaction was treated with an injection of Metoclopramide. The next morning the dag was eating again but retched one time without womiting. The dag was triping over everything and the Vest suspected an equipalt profileses though). In the aftermoon the dog was seen by the Vet again and had fully recovered. No Internet information expected. [Reason for use for product: General CEPTO* 4[ICT_CAN_GRIPP_BEAT] NB Brank: NOBIVAC L4 IDXIDS 547 Reason: Vaccination Generic Rables Nat U.ADIVANT XV Brand. NOBIVAC RABIES IDXIDS 510 Reason: Vaccination Generic Rables IDXI AUL ADIVANT XV Brand. NOBIVAC RABIES IDXIDS 510 Reason: Vaccination Generic: Metoclopramide Brand: Metoclopramide Reason: Other] [State of health: Unknown]		Not Known	Metoclopramide - N/AN/AN/A 24.Unknown 1 Annai (1 Dayk) 27/08/2016- 27/08/2016-BR-BR-NDBIVAC RABIES - 1M/AN/A 24.1 Dose Not applicable 1 Animal (27/08/2016- 27/08/2016-BR-BR-Nobwac DHP- 1/N/AN/A 24.1 Dose Not applicable 1 Animal (27/08/2016- 27/08/2016-BR-Nobwac LHP- 1/N/AN/A 24.1 Dose Not applicable 1 Animal (27/08/2016- 27/08/2016-BR-Nobwac LHP- 1/N/AN/A 24.1 Dose Not applicable 1 Animal (27/08/2016- 27/08/2016-BR-NBD-Nobwac LHP- 1/N/AN/A 24.1 Dose Not applicable 1 Animal (27/08/2016- 27/08/2016-BR-BRD-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-BR-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
	NLD-MERCKMSD-2016-NL-00858	Netherlands	Animal	Canine/dog	12 Week(s)		04/10/2016	1 1		R>< <br BR></br 	ss, Yes, bR> >KBR> bR> >KBR> bR></b 	Not drinking.Sniffing.Pain NOS.Listless,Not eating	No Data	Suspected Adverse Reaction. On 28 Sep 2016 the dog was vaccinated with Nobbrac IX., Nobbrac L4 an Nobbrac Parvo-C. Thous later the dog vast taken to the emergency et because was stillsteps, painful when touched and didn't want to eat or drink. The temperature was 39 degrees Celsius. The vet gave the dog an injection of deamethasone and the next day the dog was almost back to normal. On 3 CO 2016 the dog started to sriff a bit, but is otherwise fine. No further information expected. [Reason for use for product: Generic: BECANIE / PILR/V Branch (NOBIVAC EXPLISED:SSUE) SDII GII GII Reason: Vaccination Generic: CENTO* (GIT, CANIC, GRIPP, BRAT) 18 Branch: NOBIVAC L4 10X1DS 547 Reason: Vaccination Generic: CANIE PARVOL V Branch: NOBIVAC PARVO-C 10X1DS 610 Reason: Vaccination] [State of health: Unknown]	i t	1.44	Animal (28/09/2016- 28/09/2016)-BR>-BB-Nobivac L4, suspension for injection for dogs - 1.N/A,N/A, 24,1 Dose 1 Animal (28/09/2016- 28/09/2016)-BR>-BB-Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (28/09/2016- 28/09/2016-BBBB)	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B- Possible
NOBIVAC L4	NLD-MERCIONSD-2016-NL-00875	Netherlands	Animal	Canine/dog	7 Year(s)	27/08/2016	07/11/2016	1 1	1 30/		ot town, -BR BR>-GR>-GR> O	Behavioural disorder NOS,Abdominal pain, Vomiting, Death by euthnasia, Acute renal failure, Hot spot (pyotraumatic dermatitis), Abnormal test result	Not Known	Suspected Alverse Reaction A. dog of unknown breed and age was vaccinated concurrently with Nobbac La and vertican Plus DPP6 Straturd y 7 Aug 2016. So that vaccines were applied at the same site. The vaccination was not applied by the attending Vet but by an ambulant Vet service. The dog haben vaccinated with Nobbac Le Bedroe [11 Jun 2014] by this Vet service. According to the animal owner. The dog experienced rapid kidney failure. The following patient information, from the attending Vet, was provided by the animal owner. The Act of Tuesday 30 Aug 2016 the dog was different and also developed a hot-spot below the basis of the right earl (application site?), which was treated by the animal owner. The dog also ownteid as few times, in the night of 31 Aug 2016 the dog was seen by an emergency Vet who treated the hotspot with an unknown oritiment and treated with Cerenia, Emeption and paintallier of 15 pp 2016. The dog was seen by the attending Vet and upon examination only was very sensitive to palpation of the abdomen and showed abnormal blood tests. Based on this the dog was referred to a specialist for an echo of the abdomen however, the specialist diagnosis and ciliagnosis by the attending Vet are currently unknown. In the evening of 10.5 ep 2016 it was decided to euthanise the dog is rollow-up expected. "U2 80 cct 2016 a veterinany diagnostic diagnosis so the delivers of the product in the patient of the soft of the patient of the soft of the	Labrador Retriever d g g	30	Nobbac L4, suspension for injection for ongs. +1,N/M, 24,1 Dose 1 Animal (27/08/2016-8708/2016-9708/2016-88) versican Plus DHPP injohilisate and solvent for suspension for injection for dogs-1,N/A,N/A, 24,1 Dose 1 Animal (27/08/2016-27/08/2016)-BR> 	O1 - Inconclusive	Time to onset of clinical signs is compatible. Clinical signs are not meretioned in the product information. Other causes are possible and several VMP's used concurrently, but product involvement can not be fully excluded. Therefore causality O1 - inconclusive

NOBIVAC L4	NLD-MERCIONSD-2016-NL-00882	Netherlands	Animal	Canine/dog	8 Week(s)	07/10/2016	11/10/2016	1 1	1 10/10,	Not Known,eR>- > - - - Not Known,eBR>- > - Known,eBR>- Not Known,eBR>- Not Known,eBR>- Not Known,eBR>- Not Known,eBR>- Known,eBR>- No	RS RS RS BR RS	Not Known	Supercted Lack of Expected Efficacy for javov. A pup with obvious mainutrition, bought from a pup mill, was vaccinated with Nobise Lappe Dro n 25 9g poll 6.8 days later fat the age of 7.5 weeks) the pup was Stroight to the vet by it's new owner, where it was vaccinated with Nobisva Parov. C, Nobisva La no Nobisva C Ribits is not according to the general vaccination schedule as used in the Netherlands which advises vaccinations at 6,9 and 12 weeks of age). On 10 Oct 2018 the pup was brought to the vet with symptoms of waterly guintrops and vomiting. Despite transment with fluids to pup deteriorated very quickly and was therefore euthenized at the end of the day. Facces will be sent to an actional lab or determine if the puph of Parov vins. Follow-up information perindig. Follow-up control of the perindig perindig vins. The product of the product of the product of the product of the product information expected. C.A.1 women 2018 of the product information (Resson for use for product. Generic: EETO*4ICT.CANDET*PRATY DIS TRANSMENDENT*CANDET*PRATY DIS TRANSMENDENT*CANDET*PRA	Retriever	Not Known	NOBINAC PUPPY IP - 1.NIA.NIA 24.1 Does 1. Amina (12/09/2016) 23/109/21016;4RR-48R-Nobivac KC- 13/NA/NIA, 24.1 Does 1. Amina (07/10/2016) 07/10/2016;4RR-48R-Nobivac L4, suspension for injection for dogs- 1.0/A/NIA, 24.1 Does 1. Amina 07/10/2016;4RR-48R-Nobivac 27/10/2016;4RR-48R-Nobivac 27/10/2016;4RR-48R-48R-48R-48R-48R-48R-48R-48R-48R-	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N- Unlikely
	NLD-MERCIXMSD-2016-NL-00896	Netherlands				06/06/2016	19/10/2016	1 1	1 10/06/	Known, >BR>GR>CI Yes, CBR R>GR>CBR>	R> <8 es	No Data	Superted Adverse Reaction. On 6 Jun 2016 a pup was vaccinated with Nobinoc DPP and Nobinoc L1. days earlier the pup bad arrived in The Netherlands from Stowska and was sold to the new owner via pet shop. According to the dops passport, it was born on 13 Teb 2016, but the attending vet thought the dog was very small for it's age and questions if the age is correct. On 6 Jun 2016 the dog was sold to readed with Milbernax. On 10 Jun 2016 the dog goal dependent of the pet of the special dept. But his had no effect. On 11 Jun 2016 the dog was referred to another vet, who started treatment with Findiar and special diet, but his had no effect. On 11 Jun 2016 the dog was referred to another vet, who started treatment with findiar and special dest, but his adon offect. On 11 Jun 2016 the dog was referred to another vet, who started treatment with fluids, antibiotics and anti-mettics. A Giardia-test was negative. The vet suspected the dog had Parvo-virus, but no test was done to confirm this. The dog deteriorated and therefore was exthanized on 13 Jun 2016. The dog was not sent in for autopsy. No further information expected. [Reason for use for product: Generic Det V Branch. NORWICK DEP 100105 50 Reason: Vaccination Generic LEPTO*4[CT_CAN_GRIPP_BRAT] in 8 Brand: NOBINAC L4 10X105 547 Reason: Vaccination] [State of health. Good!	a a	Not	Milbemax - N/AN/AN/A N/AN/AN/A (6)(6)(6)(2016-N/GB-REN-Polvbus) DHP - 1N/AN/A, 24.1 Dose 1 Animal (6)(6)(6)(2)(1)(6)(4)(6)(4)(6)(6)(6)(6)(6)(6)(6)(6)(6)(6)(6)(6)(6)	O1 - Inconclusive	Time to onset of clinical signs is compatible. Clinical signs can happen after any vaccination/fxters. Insufficient information. Multiple VMP's used. Other causes are possible, but product involvement can't be excluded. Therefore causality 01.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-00923	Netherlands	Animal	Canine/dog	6 Week(s)	20/10/2016	21/10/2016	2 1	0 20/10,	RX-BRX-BRX-BRX-BRX-BRX-BRX-BRX-BRX-BRX-B		Not Known	Supercted Adverse Reaction. On 20 Oct 2016 a mother dog and 2 pups were vaccinated. 1 of the pup (6 weeks old) was accidentally vaccinated with the vaccine meant for the mother. Robbac DIPF (set label use seeing Nobbac DIPF) is only registered for dogs of 8 weeks and older) and Nobbac L4 (in The Notherlands the pupy vaccination Schedid for Nobbac L4 19 and 12 weeks of age). That evening it pup woke up from it's sleep and had maxie twicking and it's eyes rolled back. The attending vet advised the owner to give the pup so mot food every hour and the next morring the pup was back to normal. No further information espected. (A 9 November 2016 of IV bab use Nobbac L4 declered Label use according to the product information. (Resean for use for product Schedic. Dark VI branch NOBINC DIP 1000155 00 Reason Not excention) Glasson for use for product Schedic. Dark VI branch NOBINC DIP 10010155 00 Reason Not excentation (Earler Orellic L70001679) RAT) all Branch NOBINC L4 101015557 Reason Vaccination (Earler or health Unknown)	a Sheepdog	Not Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (20/10/2016- 20/10/2016)-BR->-BR-Nobivac L4, suspension for injection for dogs- 1,N/A,N/A, 24,1 Dose 1 Animal (20/10/2016-20/10/2016)-BR->-BR>	O1 - Inconclusive	Time to onset of clinical signs is compatible. Clinical signs do not fit fire pharmocological/locitocological profile of the product. Several veterinary drugs were used concomitantly. Other causes a repossible, however product involvement can not be excluded. Therefore causality 01- inconclusive
NOBIVAC L4	NLD-MERCIMISD-2016-NL-00937	Netherlands	Animal	Canine/dog	11 Year(s)	28/07/2015	21/10/2016	1 1	0 31/05,	XO15 Not Known, GBX- > GBX-SBX- YES, GBX-GB. R>-BR>-BR>	R> <b< td=""><td>No Data</td><td>Suspected Alverse Reaction. On 26 May 2015 a lump on the dog's back, which seemed to be a sarroum, was surgically removed. On 29 May 2015 and 10 May 2016 the dog was treated with Bravecto Large Dog. On 28 Jul 2015 the dog was succinated with Noblack Rabies and Noblack L4 and on 18 Jul 2016 the dog was vaccinated with Noblack L4 again, Recently the owner mentioned that since the end of May 2015 the dog has had an epileptic seizure (unclear when exactly or how often). Follow-up information pending. [Reson for use for product Generic: FLBALMER GYEMY TABLETS Brands RBAVECTO 1000MG SUITAB EUI Reason: Flesh fick control Generic: RBAMES IN ALU ADUIVANT KV BRAVE MODIVAC ABBLES INDIOS 5010 Resonar Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB. Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination of health: Good]</td><td>Small Munsterlander</td><td>27.5</td><td>Brawecto 1000 mg chewable tablets for large dogs (>20-40 kg) - 1,111 Months; 24,1 Tablets 11 Months 11,00% 2016; 2</td><td>N - Unlikely</td><td>CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.</td></b<>	No Data	Suspected Alverse Reaction. On 26 May 2015 a lump on the dog's back, which seemed to be a sarroum, was surgically removed. On 29 May 2015 and 10 May 2016 the dog was treated with Bravecto Large Dog. On 28 Jul 2015 the dog was succinated with Noblack Rabies and Noblack L4 and on 18 Jul 2016 the dog was vaccinated with Noblack L4 again, Recently the owner mentioned that since the end of May 2015 the dog has had an epileptic seizure (unclear when exactly or how often). Follow-up information pending. [Reson for use for product Generic: FLBALMER GYEMY TABLETS Brands RBAVECTO 1000MG SUITAB EUI Reason: Flesh fick control Generic: RBAMES IN ALU ADUIVANT KV BRAVE MODIVAC ABBLES INDIOS 5010 Resonar Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB. Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination of health: Good]	Small Munsterlander	27.5	Brawecto 1000 mg chewable tablets for large dogs (>20-40 kg) - 1,111 Months; 24,1 Tablets 11 Months 11,00% 2016; 2	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.
	NLD-MERCKMSD-2016-NL-01036	Netherlands	Animal			14/10/2016	07/11/2016	1 1	0 05/10,	R>GBP>GBP>GBP>GBP>GBP>GBP>GBP>GBP>GBP>GBP	es, x	No Data	Supercted Alverse Reaction On approximately 23 Sep 2016 (date is unknown at this point but it was the vaccination at the week) at dog was execurated with Nobbox Puppy OP. 12 (days after the vaccination the dog had an epileptic seiture. On 14 Oct 2016 the dog was vaccinated (9 week vaccination) the Nobbox Parvo-C. Nobbox C 14 and Nobbox C 12 days after the vaccination the dog had an epileptic seiture. On 14 Nov 2016 the dog had an epileptic seiture. Pollow up (14 No 2016) on 14 Nov 2016 the dog was vaccination). In the evening of 14 Nov the dog had an epileptic seiture. Follow up (14 No 2016) on 14 Nov 2016 the dog was vaccination). In the evening of 14 Nov the dog had an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had seption 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had again an epileptic seiture. On 12 Nov 2016 the dog had an epileptic seiture. On 12 Nov 2016 the	Shepherd Dog		NOBINZE PUPP ID - 11/L/N/N/A JA1 Dose 1 Animal (23/69/2016- 23/09/2016-RRREN-Nobivac DIP J/N/A/N/A, 24 100se 1 Animal (0/11/2016- 0/11/2016-RRREN-Nobivac KC- 1,N/A/N/A, 24 10 tose 1 Animal (14/10/2016- 14/10/2016-RRREN-Nobivac L4, suspension for injection for dogs - 1,N/A/N/A, 24 10 tose 1 Animal (3 Weeks) 14/10/2016- 04/11/2016-RRREN-Nobivac L9, asspension for injection for dogs - 1,N/A/N/A, 24, 10 tose 1 Animal (3 Weeks) 14/10/2016- 04/11/2016-RRREN-Nobivac Paro-C - 1/N/A/N/A, 24, 10 tose 1 Animal (14/10/2016- 14/10/2016-RRREN-Nobivac)	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Therefore, causality O1-inconclusive.
NOBIVAC L4	NLD-MERCIMASD-2016-NL-01050	Netherlands	Animal	Canine/dog	7 Year(s)	21/09/2015	08/11/2016	1 1	0 04/11,	Yes	tack of efficacy	No Data	Supercted Lack of Expected Efficacy for Lepto On 21 Sep 2015 the dog was vaccinated with Nobious LA. On A Nov 2016 the dog wasn't well and was eating less only east a few burles. A prognomatic treatment was started for not eating and nausea: Cerenia (maropitant) injection and tablets and east ideptitible food. On Nov 2016 there was not much improvement and the dog sement to have a painful aldomen. The dog only eats nice treats but not its normal food. Blood tests were done: elevated renal values and elevated there engines. At eats for pararestist was register. On S Nov 2016 the vect concluded that Leptosprosis was also a possibility. Therefore blood was sent to an external if for a PCR test. After blood was for sent controlled and hyperchologies, but otherwise or man. On 10 Nov 2016 the dog seems to being doing a bit better; seems to be a bit stronger, is esting a bit more and comes out of it's basket more often. On 11 Nov 2016 more improvement: eating better, no vinities, no diamense. On 12 Nov 2016 the results of the control of the contro		25.8	Noblact L4, suspension for injection for dogs - 11/A/N/, 24, Dose 1 Animal (30 Dayle) 21/09/2015-21/09/2015-21/09/2015-BR>-BR>	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.

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NOBIVAC LA	NLD-MERCKMSD-2016-NL-01054	Netherlands	Animal	Canine/dog	7 Month(s)	01/01/2016	15/12/2016	1 2	. 0	12/11/2016	Not Known	Lack of efficacy	Not Known	Suspected Lack of Expected Efficacy for Lepto A.6g, which has been vaccinated with Nobbox L4 (unknown when has developed symptoms (unclear which) por 12 Nov 2015 and its suspected of Leptospriosis. Blood and urine has been sent in to an external lab for a PCR text, results pending. Follow-up information pending. FLI J Nov 2016. In all 18 Nov 2015 the dog developed volvning large amounts of fluids), not eating it's dog chow aymore. The owner didn't see the dog defectable between 13 and 15 Nov 2015. The dog is also as list literal. See 18 and 18 nov 2015 the dog was taken to the vest. Temperature was 38.2 degrees C, the dog was alert, abdominal palpation was mormal, the mucous membranes were print and the CRT was -1 second. On abdominal association only few bowle sounds were heard. An x-ray was made of the addomen, a lot of glas was seen, on indications for a bone (ran you feel representation on the centre) the properties of the second of the statement of the centre of the second of the statement was started with if the visit of the centre of the centre of the centre of the statement of the centre of the ce	Flat-coated Retriever	Not Known	NOBINZC 14 IDXIDS 547- IJA/NA/N 2.42 IDose 1 Animal (01/01/2016-01/01/2016)<8R-<8R-	OI - Inconclusive	Time to onset of clinical signs could be compatible (vaccination date is on measured in contentioned in case annature, booster vaccinations). Clinical signs fit the pharmacological/rockinological profile of the product. PCR test on urine positive for leptospriosis. 1e Blood MT test was respect to strain on threshold, 2e MAT tests shows 1400 for servour Letenbemorrhagiae, test since the test before the single content of the
NOBIVAC L4	NLD-MERCIMSD-2016-NL-01089	Netherlands	Animal	Canine/dog	3 Month(s)	24/10/2016	03/01/2017	1 1	1 0	29/10/2016	Known, <br< td=""><td>Anaemia NOS, Selture NOS, Lake for efficacy, Ahomania posture NOS, Abnormal test result, Increase sallivation, I moduritary movement</td><td>No Data</td><td>isopercate Alverse Reaction. On 12 Eep 2016 a folg White theighed didgl was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 to 2018 the dog has do convolation is 13 deg (if was really folf) on 3 of 20 cite 2 degree value of 20 cite 2018 the dog has do convolation is 13 degree (if was really folf) on 3 of 20 cite 2018 the dog that of convolations is 14 degree value and the convolation is 14 degree value value (if was really folf) on 3 of 20 cite 20 degree value value was value of 20 cite 20 degree value /td><td>Other Carline/dog</td><td>12.75</td><td>**MOBINEC EHP***N/AN/AN/A 24.24/informor M24/07/2016 24.1/10/2016 24.1</td><td>O1 - Inconclusive</td><td>CA agrees with causality assessment and comments of the MAH. Causality Oz.</td></br<>	Anaemia NOS, Selture NOS, Lake for efficacy, Ahomania posture NOS, Abnormal test result, Increase sallivation, I moduritary movement	No Data	isopercate Alverse Reaction. On 12 Eep 2016 a folg White theighed didgl was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 the dog was vascinated with Notivo Pappy IPO no 12 of 2018 to 2018 the dog has do convolation is 13 deg (if was really folf) on 3 of 20 cite 2 degree value of 20 cite 2018 the dog has do convolation is 13 degree (if was really folf) on 3 of 20 cite 2018 the dog that of convolations is 14 degree value and the convolation is 14 degree value value (if was really folf) on 3 of 20 cite 20 degree value value was value of 20 cite 20 degree value	Other Carline/dog	12.75	**MOBINEC EHP***N/AN/AN/A 24.24/informor M24/07/2016 24.1/10/2016 24.1	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality Oz.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-01102	Netherlands	s Animal	Canine/dog	10 Year(s)	21/11/2016	29/11/2016	1 1	1 0	21/11/2016	Yes, <b R>BR> Yes, BR> </b 	Vomiting.Eyelid oedema_Lameness,Stiff gait,Facial swelling (see also 'Skin')	No Data	Suspected Adverse Reaction. On 21 Nov 2016 a dog was vaccinated with Notivac DHP, Nobbac L4 and Noblac Rables. J. Shours after vaccination the dog started to wornti, developed swelling of the nose and eyelids, stiff galt and lameness. Veniting and swelling listed for 12 hours and the lameness issued 24 hours. Day recovered without retarient. No more information expected, (Reason for vacinate 24 hours. Day Recovered without retarients.) The properties of product: Generic: DHP LY Branch. NOBINAC DHP IDXIDS 510 Reason: Vaccination Generic: LEPTO*4(DCCANAGEP) BART JAIS BRANCH MOBINAC LA URBAC STAR REASON Vaccination Generic: RABIES IN ALU ADJUVANT KV Brand: NOBIVAC RABIES 10X1DS 610 Reason: Vaccination) [State of health: Unknown]	Miniature Poodle	Not Known	NOBINAC RABIES - 1.N/A.N/A, 24,1 Dose 1 Animal (21/11/2016- 21/11/2016-)BRBR-Nobivac DHP 1.N/A.N/A, 24,1 Dose 1 Animal (21/11/2016-)BRBR-Nobivac L4, suspension for injection for dogs- 1.N/A.N/A, 24,1 Dose 1 Animal (21/11/2016-21/11/2016)-BRBR-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-01109	Netherlands	s Animal	Canine/dog	5 Year(s)	19/09/2014	10/04/2017		1 1	01/10/2015	Yes	Lymphoma, Vomiting Tiredenes, Wei girt loss, Swoilen jmmh node, Death by euthanasia	i No Data	Saspected Adverse Reaction. On 13 Sep 2014 the dog was succinated with Nobbac L4. From approximately 12 to 14 Oct 2015 the dog vormited frequently. On 14 Oct 2015 to dog was taken to the vet with swollen lymph nodes. No other symptoms. A thin needle bloppy was taken. Results: slight reactive hymph nodes. Dog converse that mymh nodes remain swollen. On 12 Nov 2015 dog was again vaccinated with Nobbac L4. On 16 Mar 2016 again a thin needle bloppy was taken. Results: low-grade hymphoma. On the part 2016 dog is treated with perdonal fleecase dog was soling weight) on 1.5 sp. 2012 attending vet contacted the owner and dog was recovering. Animal owner suspects the thinmersal as cause of the swolled hymphoma. On the principation of the properties		Not Known	Noblwa C.4, suspension for injection for dogs. 11/AN/A, 24, Dose 1 Animal (13 Monthly) 19/09/2014-12/11/2015):-BR>-BR>	N - Unlikely	CA agrees with causality assessment and comments of the MAM. Therefore causality N.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-01115	Netherlands	s Animal	Canine/dog	11 Week(s)	28/11/2016	29/11/2016	1 1	1 0	28/11/2016	Yes, <b R> Yes</b 	Anaphylactic shock,Off colour,Falling	No Data	Suspected Adverse Reaction. On 28 Nov 2016 a dog was vaccinated with Noblwac L4 and Noblwac Parvo-C. Concomitant use with other products so unknown. Within 5 minutes after vaccination the dog was pale, Started falling over and showed symptoms of a shock. Therapies provided: Antopine oral, arthitistamine (Ancesio) intramascular, Decadresion 1 cs subcutaneous and an oxygen mask. After 30 minutes the dog was recovered and weet home. Background the dog was vaccinated with DIPPI (manufacturer unknown) on 7 Nov 2016. No more information expected. (Reason for use for product. Genetic: CAMINE PARVIO U. Brank NOBINVE/PARVIO-C 2010/15 618 Reson: Vascination Genetic: LEFTO*4(ICT,CAM,GRIPP,BRAT) XB Brand: NOBIVA/PARVIO-C 2010/15 618 Reson: Vascination (State of health: Unknown)	Shih Tzu	Not Known	Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A 24,Unknown (28/11/2016- 28/11/2016-)6/BR->BR>Nobivac Parvo-C - N/A,N/A,N/A, 24,Unknown (28/11/2016-28/11/2016)-BR>>BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.

NOBIVAC L4		Netherlands	Animal	Canine/dog	6 Month(s)	03/08/2016	30/11/2016	1 1	0 18/11/20	Known, Not Not Known, <br< td=""> Not Known</br<>	Lack of efficacy (parvovirus)	Not Known	Saspected Lack of Expected Efficacy, A log from a breeder was vaccinated simultaneously with Nobbacc DiP and Nobbacc La (or 30 Ag 2005, the dog was presumably also dewomed on that data: On 18 Nov 2016 the dog started womting clear fluid. 19 Nov. vomiting and bloody distribes, 7 41.1. degrees Celsius, year spatisch and pale mucous membranes. 20 Nov. vomiting: 78 Also 21 Nov vomiting infrequently and bloody distribes 13 7.9, the dog is doing better. 24 Nov. Feat lesting was positive for Cryptosportium jugin and Parvo but negative for Cistribum, blood not parlecepens. 26 Nov 2016. The dog had recovered sufficiently to go home. The reaction was treated with a special dog feed (Caninul') is support he gut flour. If Westernolabelle, Emperic, alt infacion, Vetergense, Allipsen and (Caninul') is support to get flour. If Westernolabelle, Emperic, alt infacion, Vetergense, Allipsen and NOBWAC DIP (2017.05 50) Resizen. Veterlation. Generic: LEPTO-4[CT_CAN_GRIPP_BRAT] kill Brand: NOBWAC LA 1001.05 57 Resizen. Veterlation Generic: Estant: De-wormer Reason: Deworming] [State of health: Unknown]	Rottweiler	Not Known	De-wormer - N/A/N/A/N 24_Uniconvol 1.4mini (03/08/2016- 03/08/2016-08N-808N-808N-019- 1.7/A/A/N, 24.1 Does Not applicable 1 Animal (03/08/2016- 03/08/2016-08N-808N-019-08-08-08-08-08-08-08-08-08-08-08-08-08-	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
NOBIVAC L4	NLD-MERCKMSD-2016-NL-01122	Netherlands	Animal	Canine/dog	9 Week(s)	02/12/2016	02/12/2016	1 1	0 02/12/20	I.6 Yes, R> RR> RR> RR>Yes	Anaphylactoid reaction	No Data	Saspected Adverse Reaction. On Z Dec 2016 a dog was vaccinated with Noblacc Parvo-C and Noblacc L. Immediately Pair vaccination (dog was still on the table), dog had an anaphylactic reaction. Dog was treated with 0.2 ml Desamethasone, 1 vial Tavegil [anchitatamine], NHVCl Fluids, 0.2 ml Ceremia. When treatment is effective enough dog is taken home in the evening of 2 Dec 2016. Dog was vaccinated a weeks ago (6 weeks old) with Noblacc Puppy IP without any problems. No more information expected. A 28 December 2015. The following fell that been changed. Animal adverse reaction: deleted duration and reaction end date according to the information provided in the case narrative and the field Outstorn origing. [Reason for use for product: Generic CAMINE PANYOL 12 bands. NOBINYC PANYO-C 120015 510 Reason Vaccination [Generic LEPPO-QTC,CAM,GRIPP,BRAT] da Branch NOBINYC LA 101015 517 Reason. Vaccination [Generic LEPPO-QTC,CAM,GRIPP,BRAT]	Cairn Terrier	2	Nobiwa L4, suspension for injection for digs-1,N/A/M, 2,4,1 Dose 1 Animal (02/12/2016- 02/12/2016-):RB>~BR>Nobiwa Parvo-C - 1,N/A/M, 2,4,1 Dose 1 Animal (02/12/2016-):BR>~BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
	NLD-MERCKMSD-2016 NL-01133	Netherlands	Animal	Canine/dog		24/11/2015	06/12/2016	1 1	1 01/12/20		Decreased red blood cell court, Abscess NO5, Weight loss, Malaite, Litelse, Death by euthansais, Yellow mucous membranes, Sel mucous membranes, Shock, Hypoxia, Haemorr hage NOS	No Data	Saperted Afverse Reaction. On 2 Der 2014 dog vaccinated with Nobine L4 and Nobine DHP On 24 Nov 2015 dog vactaned with Nobine L4. On 1 Der 2015 the dog is not feeling well. On 2 Dec dog is taken to the vet and treated with Dosoral. Test results: slightly decreased haematocrif, further no more abnormalists: Dog recovered on 3 Dec 2015. On 5 Dec 2015 vet received pione call: dog has a haemorthage/abscess on the shoulder. Treated with Rimadyl. On 9 Dec abscess is closed but dog is still as his tistess. On 18 Dec crossit via phone call. dog is on and of fistess (efficer south only, dog has lost weight (from 5.5 kg to 4.8 kg). On 22 Dec 2015 dogs is taken to the vet and is deteriorated, in shock, publicyllow mucosca, appared blue at nome. Euthanied. According to the attending vet the dog showed signs of an AHA (Jatto immune haemolytic anaemia), not confirmed. No autopsy was performed. No more information expected. (Reason for use for product: General LEPTO*4(CT_CAM_CRIPP_BRAT) KB Brand: NOBINAC L4 10XLDS 547 Reason: Vaccination] (State of health: Good!)	Shih Tzu	4.6 - 5.5	Nobivac L4, suspension for injection for dogs - 1N/A,N/A, 24,1 Dose 1 Animal (24/11/2015)-BR> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
	NLD-MERCKMSD-2016-NL-01136	Netherlands		Canine/dog		15/12/2015		3 1		R>BR>BR>Yes	urination,Not eating,Weakness,Spasm,Vomiting		Nobbac Pupp OP (no problems), 2 pups from this next had an unbillical hernia and had surgery, uclear if the pup with symptoms had an unbillical hernia and surgery, no. 15 Dec 2015 1 gup were vectorated with Nobbac 14 and Nobbac Paro-C. On 15 Dec 2015 1 pup vomited, had diarrhea, urinated and had sparsm. At the vert the dighs paraller/infer microsae, normal term, further on abnormalities. Doig preferred to lay on his side. Treated with injection Decaderson, Emergrid and subcutaneous fluids. On 17 Dec 2015 doig is a bit week and reflection to est. Print sources. Approximately on 18 Dec 2015 dois sercovered completely. No more information expected. [Reason for use for product: Genetic: LETO*4(I)CLAGNER/BRAT) IS BERNOR MOBINIZE LI SIDIOS 547 Reason Vaccination Genetic: CANINE PARVOLV Brand: NOBINIZE LI SIDIOS 547 Reasons Vaccination [State of health: Good!]	Shih Tzu	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A/N/, 24,1 Dose 1 Animal (15/12/2015- 15/12/2015-18R8-08R-Nobivac Parvo-C - 1,N/A/N/A, 24,1 Dose 1 Animal (15/12/2015- 15/12/2015)-68R-×68R-		CA agrees with causality assessment and comments of the MAH. Causality B.
	NLD-MERCKMSD-2016-NL-01142	Netherlands	Human			18/11/2016		1 1	0 18/11/20	Known,
 <br Not Known</br </br 	Eye stinging	Not Known	Human Exposure Symptomatic. A dog was vaccinated simultaneously with Nobivac 14 and Nobivac Pavor-C on 18 No 2016. While the Vet was injecting the vaccine into the dog the needle came loose from the syringe and a little bit of vaccine fluid landed in one of the eyes of the animal owner experienced a stringing sensation in the affected eye. The reaction stopped without restment. No further information expected. [Reason for use for product: Generic: LEPTO*4[ICT.CAM/REP.BRAT] NB BERNA NOBIVAC I ANDIVAC PARVO-C 10XLDS 610 Reason: Accidental Exposure] State of health: Unknown!	Human		for dogs - ",GR>~BR>Nobivac Parvo-C - ", ~BR>	B - Possible	Time to onset of clinical sign is compatible. A local reaction seems likely related to accidental ocular exposure to the product. Multiple products used. Product involvement is suspected. Therefore causality B - Possible.
NOBIVAC L4	NLD-MERCIMASD-2016-NL-01147	Netherlands	Animal	Canine/dog	12.5 Year(s)	15/09/2016	09/12/2016	1 1	1 32/09/20	Known,
 <br Not Known, <br< td=""><td>sehavioural disorder NOS, Pica NOS, Polyphagia, Extrana lear disorder NOS, Liver tumour, Drinking a to Lojoing pain NOS, Reddening of the skin, tiching, Death by euthamsia, Localised pain NOS (see other 'SOCs' for specific pain, Weight to Sock Had limb attasia, Muscle weakness Name of the Social Polysia (See Nose or Socialing, Crystalluria, Elevated creatinine, Elevated AI, Talnormal ultrasound finding, Dental calculus</td><td></td><td>Sepected Adverse Reaction Background: the dog is known with recurrent ear complaints, blocked and glands and alleger complaints. On 26 all 2016 the dog us as 59 kg. The dog hald fich since Oct 2015. The first was visited: The weight of the dog was 85 kg. The dog hald fich since Oct 2015. The first was vert the whole body. Frontline was used to control/prevent fless. The lump looked sebaceous. The paws and axillae were brown from licking, in the fur no fless, crusts or flakes were seen. Diagnosis: thich due to allery. Therapy: Predistions Complained and the first of the services of the pass and axillae were brown from licking, in the fur no fless, crusts or flakes were seen. Diagnosis: thich due to allery. Therapy: Predistions Complained and the services of the services of days. After this, one fourth of a tablet every other day for 6 times. Brawcot 250 MG Chewable tablet was precirched unknown when exactly daministered for portural fless. On 15 5ep 2016 the dog hald this and violeted the vert for a vaccination. The well daministered for portural fless. On 15 5ep 2016 the dog hald this and violeted the vert for a vaccination. The well have fless the services of the</td><td>Shih Tzu</td><td></td><td>Bravetto 250 mg Chewable tablets for small dog 9-4.5-10 kg) - N(A-N/AN/A) 2-4.1 Dose 1 Animal (26/07/2016-188-8-188-Noblwac L4, suspension for injection for dogs - 1,N/AN/A, 2-4.1 Dose 1 Animal (15/08/2016-188-188-9) - Noblet (15/08/2016-188-188-188-188-188-188-188-188-188-1</td><td>01 - Inconclusive</td><td>Time to onset of clinical signs is oute long. Clinical signs do not fit life immacological/hoccological profile of the VMP. The dog was not send in for autopy lyed. Diete cause are possible, including an underlying disease or condition, but product involvement can't be fully excluded. Therefore causality 0.1 - inconclusive.</td></br<></br </br 	sehavioural disorder NOS, Pica NOS, Polyphagia, Extrana lear disorder NOS, Liver tumour, Drinking a to Lojoing pain NOS, Reddening of the skin, tiching, Death by euthamsia, Localised pain NOS (see other 'SOCs' for specific pain, Weight to Sock Had limb attasia, Muscle weakness Name of the Social Polysia (See Nose or Socialing, Crystalluria, Elevated creatinine, Elevated AI, Talnormal ultrasound finding, Dental calculus		Sepected Adverse Reaction Background: the dog is known with recurrent ear complaints, blocked and glands and alleger complaints. On 26 all 2016 the dog us as 59 kg. The dog hald fich since Oct 2015. The first was visited: The weight of the dog was 85 kg. The dog hald fich since Oct 2015. The first was vert the whole body. Frontline was used to control/prevent fless. The lump looked sebaceous. The paws and axillae were brown from licking, in the fur no fless, crusts or flakes were seen. Diagnosis: thich due to allery. Therapy: Predistions Complained and the first of the services of the pass and axillae were brown from licking, in the fur no fless, crusts or flakes were seen. Diagnosis: thich due to allery. Therapy: Predistions Complained and the services of the services of days. After this, one fourth of a tablet every other day for 6 times. Brawcot 250 MG Chewable tablet was precirched unknown when exactly daministered for portural fless. On 15 5ep 2016 the dog hald this and violeted the vert for a vaccination. The well daministered for portural fless. On 15 5ep 2016 the dog hald this and violeted the vert for a vaccination. The well have fless the services of the	Shih Tzu		Bravetto 250 mg Chewable tablets for small dog 9-4.5-10 kg) - N(A-N/AN/A) 2-4.1 Dose 1 Animal (26/07/2016-188-8-188-Noblwac L4, suspension for injection for dogs - 1,N/AN/A, 2-4.1 Dose 1 Animal (15/08/2016-188-188-9) - Noblet (15/08/2016-188-188-188-188-188-188-188-188-188-1	01 - Inconclusive	Time to onset of clinical signs is oute long. Clinical signs do not fit life immacological/hoccological profile of the VMP. The dog was not send in for autopy lyed. Diete cause are possible, including an underlying disease or condition, but product involvement can't be fully excluded. Therefore causality 0.1 - inconclusive.

NOBIVAC L4	NLD-MERCKMSD-2016-NL-01193	Netherlands	Animal	Canine/dog	7 Month(s)	01/08/2016		1	1 0		Yes, GR> <yes< td=""><td>Lack of efficacy (parvovirus)</td><td>No Data</td><td>Supercted Lisk of Expected Efficacy for parvo on 1 Aug 2016 a pup was vaccinated with Nobivac DPI and Nobivac LTP in pup Inda Deen vaccinated against paron witch effort, according to the usual vaccination schedule in The Netherlands. The owner of the pup is a veterinarian. On 9 and 10 Dec 2016 the owner came in contact with 2 unaccinated pups which were infected with Proor visus and died/were euthanized. On 15 Dec 2016 the vet's own pup developed vomiting, On 16 Dec 2016 it also developed very vetery diarriboea and in the evening the dog saw sery listless. On 17 Dec 2016 the dog had blood in the facese, was womiting and salvating. A parvo snaptest was performed and was positive. Not further information expected. Follow-up (22 Dec 2016): serum has also been sent to an external lab, results pending. Also facese might be sent to an external lab in a later stadium. The vet (owner) hence! thinks her dog is a low or non-responder to the vaccinations (unclear on what this assumption is based). Follow-up information pending. On 23 Dec 2016 the vet reported another dog suspected of Parvo virus, see case 2016-10.01202. Follow-up (18 an 2017): anitionly iters were determined for Distemper virus and Ademovirus. For Distemper the litter was good, but the titler for Ademovirus van Septiment of the properties of the properties of the productive control of the properties of the productive control of the properties of the productive control of the properties of t</td><td>5 :</td><td></td><td>Noblac DIP - 1.N/A/N/A 24,1 Dose 1 Arimal (0)/08/2016 01/08/70.016-6R-NBT-Nobbac L4, suspension for injection for dogs - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016-01/08/2016)-8R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016-01/08/2016)-8R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->BR->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->DOSE - 1.N/A/N/A 24,1 Dos</td><td></td><td>CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely</td></yes<>	Lack of efficacy (parvovirus)	No Data	Supercted Lisk of Expected Efficacy for parvo on 1 Aug 2016 a pup was vaccinated with Nobivac DPI and Nobivac LTP in pup Inda Deen vaccinated against paron witch effort, according to the usual vaccination schedule in The Netherlands. The owner of the pup is a veterinarian. On 9 and 10 Dec 2016 the owner came in contact with 2 unaccinated pups which were infected with Proor visus and died/were euthanized. On 15 Dec 2016 the vet's own pup developed vomiting, On 16 Dec 2016 it also developed very vetery diarriboea and in the evening the dog saw sery listless. On 17 Dec 2016 the dog had blood in the facese, was womiting and salvating. A parvo snaptest was performed and was positive. Not further information expected. Follow-up (22 Dec 2016): serum has also been sent to an external lab, results pending. Also facese might be sent to an external lab in a later stadium. The vet (owner) hence! thinks her dog is a low or non-responder to the vaccinations (unclear on what this assumption is based). Follow-up information pending. On 23 Dec 2016 the vet reported another dog suspected of Parvo virus, see case 2016-10.01202. Follow-up (18 an 2017): anitionly iters were determined for Distemper virus and Ademovirus. For Distemper the litter was good, but the titler for Ademovirus van Septiment of the properties of the properties of the productive control of the properties of the productive control of the properties of the productive control of the properties of t	5 :		Noblac DIP - 1.N/A/N/A 24,1 Dose 1 Arimal (0)/08/2016 01/08/70.016-6R-NBT-Nobbac L4, suspension for injection for dogs - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016-01/08/2016)-8R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016-01/08/2016)-8R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->BR->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->BR->DOSE - 1.N/A/N/A 24,1 Dose 1 Animal (01/08/2016)-9R->DOSE - 1.N/A/N/A 24,1 Dos		CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
	NLO-MERCKMSO-2016-NL-01208	Netherlands	Animal	Canine/dog	5 Year(s)	13/12/2016	27/12/2016	2	1 0	19/12/2016	Not Known, BR SRF>BR Not Known, <td>Balance impaired_impaired consciousness_cough_Epileptic seizure_Gagging_Drooling_Lack of response to owner</td> <td>Not Known</td> <td>Supereta Adverse Reaction On 13 Dec. 2016 two dogs were vaccinated with Nobivac L4 and Nobiva KC. Ski days after vaccination the Syear odd og started coupling/gagging. This was treated with a Rapideson injection and Bronchforte. The complaints persisted. On 22 Dec 2016 Doxycycline was provided because the dog was not healthy and cougled. On 22 Dec 2016 the dog had a partial epileria seiture. The Coughing seemed to decrease during the day. In the evening the dog started to lose blance and seemed absent. Subsequently, it started doorling and it took some time before the dog was able to 1set the owners. No cramps, no colouration of the tongue and no urine loss. The dog seemed to do better (unknown when, I) was more information expected. See also case 2016-IN-10210 for the other dog. Follow up [2 Jan 2017]: the patient file was received. It appeared the dog was taken to the vet end of Mar 2016 because of odden convulsions, assams in the leg and shaking a lot. The do appeared to suffer from an abscess of the anal gland. Blood glucose concentration was determined but hypogylermia was not detected. No more information expected. Reason for use for product: Generic: BCANNEY of Half Ny Bank AN COBUNAC L4 10/0125-547 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination</td> <td>ic</td> <td></td> <td>Dosycycline - NI/AN/AN/A, NI/AN/A [27/12/12/16] 01/12/2016+RR->BR-Noblava K- 1/N/AN/A 24 10 se 1 Animal (13/12/2016- 13/12/20</td> <td>O1 - Inconclusive</td> <td>CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive</td>	Balance impaired_impaired consciousness_cough_Epileptic seizure_Gagging_Drooling_Lack of response to owner	Not Known	Supereta Adverse Reaction On 13 Dec. 2016 two dogs were vaccinated with Nobivac L4 and Nobiva KC. Ski days after vaccination the Syear odd og started coupling/gagging. This was treated with a Rapideson injection and Bronchforte. The complaints persisted. On 22 Dec 2016 Doxycycline was provided because the dog was not healthy and cougled. On 22 Dec 2016 the dog had a partial epileria seiture. The Coughing seemed to decrease during the day. In the evening the dog started to lose blance and seemed absent. Subsequently, it started doorling and it took some time before the dog was able to 1set the owners. No cramps, no colouration of the tongue and no urine loss. The dog seemed to do better (unknown when, I) was more information expected. See also case 2016-IN-10210 for the other dog. Follow up [2 Jan 2017]: the patient file was received. It appeared the dog was taken to the vet end of Mar 2016 because of odden convulsions, assams in the leg and shaking a lot. The do appeared to suffer from an abscess of the anal gland. Blood glucose concentration was determined but hypogylermia was not detected. No more information expected. Reason for use for product: Generic: BCANNEY of Half Ny Bank AN COBUNAC L4 10/0125-547 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination Generic: BCANNEY of Half Ny Bank (MONIVAC KS 2015-52X) EXDISI DIS 108 Reason: Vaccination	ic		Dosycycline - NI/AN/AN/A, NI/AN/A [27/12/12/16] 01/12/2016+RR->BR-Noblava K- 1/N/AN/A 24 10 se 1 Animal (13/12/2016- 13/12/20	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive
	NLD-MERCKMSD-2017-BE-00453	Belgium	Animal	Canine/dog			29/01/2018		1 0		Not Known,c88-58 ×-388-58R-58R-58R- Known,c88-58R ×-388-58R-58R-58 Yes,c88-58R-58R-58 R-58R-58R-58R-58	Lack of efficacy		Supercial Lisk of Expected Efficacy, On 11 Agr 2017 the dog was vaccinated with Nobwac L4 and Nobbac DHP and and to treated with Bravecto (unknow which) presentation therefore chosen for Medium Dog seeing the dog was still a pup at the time) and Milbernax. On 5 Dec 2017 the dog had no energy and was not esting. On 6 Dec 2017 the dog vointed, the worst had a brown color and had blood and mucous in it. The dog is quieter than usual, was in heat since 1 week, no polyuria/polypidipal on 7 Dec 2017 the dog was taken to the veil jaundice of the mucous membranes, no fever, no other abnormalities. Treatment started: hijection of Cerenia (marcipitant) and predistone, Dosoral downcycline) latables. On 8 Dec 2017 at the veil again, daily ownsing with blood, mucous membranes now extremely yellow. Blood on thermometer after taking restal temperature. Temp, 37 degrees Celloria and the started of the started	is	26	BRAYETTO SOMM SIXTAR EU1- 1.N/N/N/A, 24.1 Tablest 3 Animal (11/04/2017- 11/04/	B - Possible	NCA agrees with the MAH assessment
	NLD-MERCIONSD-2017-IT-00129	Italy	Animal		5.5 Year(s)	19/04/2017		1	1 0		R> Yes		No Data	Supercial ack of Supercial Efficacy for parvo On 19 Apr 2017 the dog was vaccinated with Nobinac L and Nobivac KC. 27 days later the dog, while it was on holiday with the owner in Italy, developed not eating, not dinking and vomiting. The dog was taken to a vet in Italy who did some blood tests: liver enzymes and billrubin were elevated. Treatment was started with Metronidazol. On 8 May the dog was back in the Netherlands and taken to 15 cown set. The dog was set libarrily esting Blood and unite were sent in for a PCR test for Leptosprosis, but both were negative. Treatment was started with Doxonal, fluids and Cerenia, the dog improved well (but unclear! If the dog has recovered completely yet!). The vet thinks the dog had bacterial hepatitis. The dog has been vaccinated with Nobbac L4 since 2015 each year within the normal valcantistion schedule. No further information expected. (Reason for use or for product: Generic: IEPTO*4 ICT_CAN_GRUP_RBAN_TXB Brand: NOBIVAC L4 100LDS.547 Reason: Vaccination Generic Be AUNIAL P; Italy Varand: NOBIVAC KC ZSXLIDS-25XLDS DIL 610 Reason: Vaccination [State of health: Unknown]	Duck Tolling Retriever is e	Not Known	NOBINK KC 25XLDS-25XLDS DIL 610 - 1,N/A,N/A, 24,1 Dose 1 Animal (18/04/2017) - 19/04/2017-8RS-8RS-NOBINKAC L4 10XLDS 547 - 1,N/A,N/A, 24,1 Dose 1 Animal (19/04/2017 - 19/04/2017) - 18/04/2017 - 18/04/2017	O1 - Inconclusive	Insufficient information to draw conclusions, the dog- might have been infected by Leptospira spp. during the imunization period.
NOBIVAC L4	NLO-MERCKM50-2017-NL-00054	Netherlands	Animal	Canine/dog	1.7 Year(s)	19/01/2017	20/01/2017	1	1 1	19/01/2017	Yes, BR> BR>Yes	Death,Respiratory tract disorder NOS, Breathlessnes, Organ haemorrhage, Abnormal necropsy finding, Shock, Intestinal congestion, Vomiting, Pulmonary congestion	No Data	Supected Afverse Reaction. On 19 ain 2017 at 8 gm the dog was succinated with Nobhac DIP and Nobbac L1. The dog was a new patient in this vet practice, so no information about the previous vaccinations. The dog had a high respiratory rate in the clinic and therefore the vet had difficulty with the ausculation of the heart. The owner also said the dog cannon voal fix an fire about 1 km the dog always lays down and cannot walk an if her about 1 km the dog always lays down and cannot walk an if her about 1 km the dog always lays down and cannot walk an if her about 1 km the dog always lays down and cannot walk an if her about 1 km the dog always lays down and cannot walk an if her about 1 km the dog was the lays down the la	French Bulldog	3 16	Nebwa CHP - 1,1/k/N/A 2,4 1 Ose 1 A-1 Ose 1 A-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible

																			,
NOBIVAC L4	N.LMERCKONSD-2017-NL-00063	Netherlands	Acimal	Canine/dog	5 Year(s)	01/01/2016	03/02/2017	1 1	. o c	01/09/2016	Yei, GBR-GBR-GBR-G Br-GBR-GBR-YES, GBR-GBR-GBR-GBR- BR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-GBR-G	Thrombocytopenia, Elevated protein, creatinie, arato, Glomerulonephritis, Renal disorder NOS, Decreased appetite, Listes, weight loss,	No Data	Suspected Adverse Reaction. A dog was treated with a Bravecto chew (chosen for large dog). Exact treatment day, time to oracle is winknown at this point. Dog is losing weight, elevated kidney parameters, elevated their parameters, proteinural. Possible diagnosis: glomenative problem (protein loss). After utrasound no abnormalities in abdomen. MAT test was done for leptospirosis, was negative. Follow yol (3 Feb 2017): Dog is treated with flavors once approximately Jun 2015, last treatment day was 19 Nov 2016. Chosen for Bravecto Extra Large dog due to the weight of the dog. Sep 2016: Dog was taken to the evt. dog lost weight from 48 gt. of 2 kg. Dog is esting less, normal behaviour and active. Dog is also vaccinated with Nolvac L4, Nobbac DiP and Nobbac K (exact treatment day) ulmown). On 22 Doc 2016: dog has poor appetite for 5 days, normal behaviour/active, lost more weight (18 kg), has diarrhea, unclear if the dog has polydipis. Blood test was done: elevated enal parameters, becaved globulin. Noblamin normal (but a time of the parameters. Globulin normal (but at beind of the dog sactive of the do	Bernese Mountain Dog	40 - 48	Brawcto 1400 mg chewable tablets for very large dogs (-40–56 kg) - 1.N/N/N/A, 24.1 tablets 1 Animal (01/06/2015- 13011/2016)-8R-VBR-Noblwac DHP-1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016- 01/01/2016)-8R-VBB-Noblwac KC-1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016- 01/01/2016)-8R-VBB-Noblwac KC-1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016- 01/01/2016)-8R-VBB-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for dogs - 1.N/N/N/A, 24.1 Dose 1 Animal (01/01/2016-01/01/2016)-8R-VBR-Noblwac L4, suspension for injection for injection for inje	O1-inconclusive	Time to onset is unclear. Suspected glomerulonephrits or a renal problem are not mentoned in the Sec of the VMP. Other causes are possible, like an underlying condition/fillers of the possible, like an underlying condition/fillers of the possible, like an underlying condition/fillers of the possible product involvement can not be fully excluded. Therefore, causality 01-inconclusive.
														Vaccination Generic: BB CANINE / PI LB/LV Brand: NOBIVAC KC 5X1DS+5X1DS DIL 610 Reason:					
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00071	Netherlands	Animal	Canine/dog	7 Year(s)	29/11/2016	30/01/2017	1 1	0 3	 	R×BR×BR>Not Known, <br×br ×BR×BR> Yes,<br×br×b R×BR>Yes,</br×br×b </br×br 	Leucocytosis, Diarrhoea, Vomiting, D rinking a lot, Weight loss, Blood in facecs, Not eating, Abnormal test faces, Not eating, Abnormal test result, Hypoalbumina emia, Blood in urine, Elevated AT. Ejewated SAP, Decreased red blood cell count, Increased packed cell volume (PCV)	No Data	Vaccination [State of health: Unknown) Saspected Alverse Reaction. On 15 Nov 2016 the owner bought a Bravecto Small Dog tablet and also Milbernax. Unknown when exactly these products were given, but estimated on the same day, On 29 Nov 2016 the dog was circinated with Nobivac DHP and Nobivac LFA also the dog was given an injection of Norocarp and Norocarp tablets were given to take home and give for 14 days. This because the dog fell of the bed and was lam and painful on the right Inhiding. The next day the dog started vomiting, Between 30 Nov 2016 and 21 Jan 2017 the dog also developed not eating disternate with periods of eating again, discrinose every now and then, drinking alst, decreased hematocrit and later increased hematocrit and later increased hematocrit and later increased hematocrit. Bood in the urine and possibly melens (face was sometimes dark, but not certain it was really melen), weight took, scereased BUN and albumin, increased with Blood cells and elevated liver engymes (AF and ATT). In this time period the dog has been treated with 2016 cells and elevated liver engymes (AF and ATT), in this time period the dog has been treated with 2016 cells and period the dog has been treated with 2016 cells and period the dog has been treated with 2016 cells and period the dog has been treated with Noblecut. Expressed on the Milbergoot (Expressed and 2015), also without any problems. The dog was treated with Noblecut (Expressed on the Milbergoot (Expressed and Milbergoot (Expressed Att) (EXPRESSED (EXPRESSED (EXPRESSED ATT)) (EXPRESSED (EXPRESSED ATT)) (EXPRESSED ATT) (EXPRESSED	Crossbred	6.4	Bravecto 250 mg chewable tablets for small dogs (24.5-10 kg). JAN/AN/A.24.1 tablets 1 Animal (01/12/2015-15). JS1/12/015-BR-SB-Milbemax - JAN/AN/A.24.1 toose 1 Animal (28/10/2016-15). JS1/12/016-BR-SB-Noblava DHP - JAN/AN/A.24.1 Dose 1 Animal (28/10/2016-15). JS1/12/016-BR-SB-Noblava DHP - JAN/AN/A.24.1 Dose 1 Animal (28/11/2016-16). JS1/12/016-BR-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (28/11/2016-BR-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (28/11/2016-BR-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (28/11/2016-BR-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (28/11/2016-BR-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (5.04/C). JS1/12/016-BS1/12/2016/BS-SB-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (6.04/C). JS1/12/016-BS1/12/2016/BS1-SB-SB-Noblava CL4, suspension for injection for dogs - 13/AN/AN/A.24.2 Dose 1 Animal (6.04/C).	Q1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive
NOBIVAC L4	NLD-MERCXMSD-2017-NL-00084	Netherlands	Animal	Canine/dog	9 Week(s)	20/01/2017	02/02/2017	7 1	1 2	21/01/2017	> 	Vomiting Unable to stand, Collapse (see a lso 'Cardio-vasculur' and 'Systemic disorders', Nystagmus, Death by euthanasia, Musculoskeletal disorder NOS, Neurological symptoms NOS	Not Known	supected Adverse Reaction. Smallest puppy in nest of 7. Weighed about the half compared to the littler mates, but seemed healthy at the time of vaccination. The litter was vaccinated on 20 Jan 20 his in the morning the pappy someted but recovered at the end of the day, the puppy was not seen by Vel or treated. On 24 Jan by the end of the day the puppy suddeely collapsed. The puppy was seen by another Velt Practice. Symptoms: can no longer stand, overstetching neck, reptamps, severe neurological symptoms. The puppy was referred to the emergency clinic where the puppy ex- entancied CSI sail, due to a poor progress). The puppy was considered to have a genetic abnormality The other 6 pupples did not react and all are doing well. No further information expected. [Reason for use for product. Genetic: CAINIE PSWAYOU W stands (MoSIMC PARVOL-C SIMDS 551 PReason: Vaccination Genetic: IEPTO*4[UTC,AM,GRIPP,BRAY] NB Brand: NDBINAC L4 3DXIDS 537 Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY Brands NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Genetic: IB CAINIE / PLIARY BRANDS NDBINAC KZ SZIDSS-53XIDB. L61 OR Reason: Vaccination Gen	Other Canine/dog	Not Known	Nobivac KC - 1,N/AN/A 24,1 Dose Not applicable 1 Animal (20/01/2017-20/01/2017-8R-NB-Nbobvac 14, suspension for injection for dogs-1,N/AN/A 24,1 Dose 1 Animal (20/01/2017-20/01/2017-8R-NB-Nbobvac Parov-C - 1,N/AN/A 24,1 Dose 1 Animal (20/01/2017-8R-NB-Nbobvac Parov-C - 1,N/AN/A 24,1 Dose 1 Animal (20/01/2017-8R-NB-Nb	O1 - Inconclusive	Time to onset of clinical signs is compatible. Clinical signs partly if the pharmacological/hoxicological profile of the product. Other causes are possible, including an underlying disease (genetic abnormality), but product involvement can't be fully excluded. Therefore causality 01.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00101	Netherlands	Animal	Canine/dog	5 Year(s)	30/01/2017	08/02/2017	1 1	0 3	31/01/2017	Yes, <b R> Yes</b 	Vomiting, Falling, Not eating, Positive tracheal pinch	No Data	Vaccination I State of health: Unknown Supperted Adverse Reaction. On 30 ain 2017 the dog was vaccinated with Nobivac KC and Nobivac LC. The next morning the dog didn't want to eat, but in the evening it did eat. This went on every day until 5 reb 2017. Then the dog stopped eating allogether. The dog fals over when its 5x down to defeate. On 7 Feb 2017 the dog vomited twice. On general physical examination no abnormalities: temperature mucous membranes, heart and lungs, adhomnia plaspiation all normal. Only the traches is sensitive to pressure. No further information expected. [Reason for use for product: Generic: BB CANINE / PI ELIV Branch NOBIVAC KC ZSXIDES-75XDD II.6.10 Reason. Vaccination General LEPTO*GIC.CAM,GRIPP,BRAT) XB. Brand: NOBIVAC L4 10X1DS 547. Reason: Vaccination [State of health: Unknown]	French Spaniel	Not Known	Nobiva: KC - 1,N/A,N/A,24,1 Dose 1 Animal (30/01/2017- 30/01/2017) -SR>-Nobivac L4, suspension for injection for dogs- 1,N/A,N/A, 24,1 Dose 1 Animal (30/01/2017-30/01/2017) -SBR>	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
	NLD-MERCKMSD-2017-NL-00108	Netherlands	Animal	Canine/dog	10 Week(s)	02/02/2017	13/02/2017	2 2		1	Yes, ×BR>Yes	Neurological signs NOS, Decreased appetite, Walking difficulty, Stiffness limb, Listless	No Data	Suspected Adverse Reaction on 2 Feb 2017 2 Chihushua pups (litter matted) were vaccinated with Noblose Pano-C and Noblose (2.1 to planed had no almostma glat (whelder 15 side) but was otherwise healthy. The next day both pups were a bit listless and ate a bit less than usual for a period of about 12 hours. In the following 2 weeks the pup which alwealy had an aborning listl developed deteriorated walking: it developed stiffness of the right front leg and abnormal reflexes of the right had good to the property of the planed is closed, movement of the head is not parfull, these neurological signs could possibly be caused by a hydro-cephalus. The vet has advised the owner to take the pup to a neurologist Not further information expected. (Il Reason for use for product. Generic: LETTO*4(CT_CAV_CRIPP_BATA) The Brand: NOBVAC_LETCLES 427 Reason: Vaccination) [State of headth: GOOD!	Chihuahua	Not Known	Noblact L4, suspension for injection for object. NAMA, 24,1 Dose 1 not object. NAMA, 24,1 Dose 1 not not not not not not not not not not	B - Possible	Close association in time (next day). Listlessees and earling less may occup so Noblova L. Product involvement is suspected, but other causes for the described symptoms have not been natile earlier of the described symptoms have not been natile earlier. The described symptom have not been table about many reflexes, assailing the "nosible Abnormal reflexes, assailing and home and part of the source of the
NOBIVAC L4	N.D-MERCKMSD-2017-NI-00126	Netherlands	Animal	Canine/dog	5 Year(s)	16/01/2017	15/02/2017	1 1	o o	04/02/2017	Not Known, BR > BR>BR> Not Known, BR > BR>BR> Known, BR > BR> Not Known, BR > Not Known, BR > Known, BR > Known	Epilepitic selture / nappropriate urination	Not Known	Suspected Adverse Reaction. The last week of Dec 2016 (28 Dec 2015* was chosen) a dog was treated with Brawcot or benealbe table (flose and weight of the dog unknown, so based on the breed 100 MC was chosen). On 16 Jan 2017 the dog was vaccinated with Noblace IPB, Noblace IKC and Noblace L4. On 4 Feb 2017 the dog was completely out for a few seconds and inappropriately unitated. This could have been a very short epileptic seizure. Before and afterwards there were no complaints. No investigation has stated to find the possible cause. No more information expected. [Reason for use for product: Genetic: BLURLANIER CHEW TABLETS Brands BRAVECTO 1000MG DXTTAB EUI Reason: Unknown Genetic: DBH V Janach Nobrikoc IPP 101015 Gib Reason: Vaccination Genetic: BB CANNEY, P1 LB/IV Brandt. NOBINAC KC SLIDS-SKIDS DIL 610 Reason: Vaccination Genetic: BB LETO*4[CT_CAN_GRIPP_BRAT] KB. Brand: NOBINAC L4 10XLIDS 547 Reason: Vaccination [State of health: Unknown).	Labrador Retriever	Not Known	Bravecto 1000 mg chewable Lablets for large dogs (>20-0 dogs). To for large dogs (>20-10 dogs). To for	O1 - Inconclusive	No strong association in time. Epileptic esitures are not mentioned in the SFC of Nobback L4. However, medication in general can possibly trigger a seiture in aminals grone to pellepsy. Other causes are possible, including an underlying disease, but product involvement can't be excluded. Therefore causality O1 - incondusive.

	NLD-MERCKMSO-20:		Netherlands	Animal	Canine/dog	8 Year(s)	01/01/2016	16/02/2017	1	1 0	07/12/2016	R>CBR>CBR>NOT Known,CBR>CBR SBR>CBR>CBR>CBR>CBR> NOT Known,CBR>CBR>CBR> NOT Known,CBR>CBR> NOT Known	Fainting,Vomiting,Weakness	Not Known	Saipected Adverse Reaction. The dog was used for breeding (by breeder) before. Since Aug 2014 the dog is in possession of current owner. On 6 Oct 2014 the dog was dull and apathetic for less than one hour after lighted with another dog. It had not carraps or rigins of ellegiew, Approximately 1.5 hours after the fight an emergency vet examined the dog. No clinical abnormalities found (not general nor neurological). Since this event until 13 Jan 2015 the dog suffered from 3 legislosed after excitement: the dog collapsed, retired to dark place, had different pupil dilations. Nothing found with general examination. No additional cardiac examination hone (though this was proposed to the owner). On 21 Jul 2015 the dog was treated with Bravecto 250 Mic chevable tablet. This was repeated every 12 weeks. Concomitant use with other products: tast years it was vaccinated with Nobback 14 and it was dewormed with Cestem and helipro funknown when), it also received a special diet (Hills Carline FO metabolic). Most creen if avered and ministration was not 21 Mov 2016. On 7 Dec 2015 suddenly the Cestem is assumed according to information provided concerning animal data. [Reason for used for such parts was controlled to the control concerning animal data. [Reason for used for the control centers: LENDARCH CHEST CHEST CESTED (Settled 14 June 14 J	Terrier	9	Bravecto 250 mg chewable tablets for small dogs (~4.5-10 kg) . NA,NA/12 Wesks_AU kinknown 12 Wesks_Ukinknown 12 Wesks_Ukinknown (16 Month(s) 27/07/2015-21/11/2016)-RRN-GRN-Cestem smakelijke tabletten voor middeligote en kleine honden - NA,NA/NA/NA, 24,kinknown (U/I/1/2016)-RN-MRN-MRN-MRN-MRN-MRN-MRN-MRN-MRN-MRN-	O - Unclassifiable/unassessa ble	CA agrees with causality assessment and comments of the MAH. Causality O - Unclassifiable/unassessable
	NLD-MERCKMSD-203		Netherlands		Canine/dog		10/01/2017	16/02/2017	1	1 0	01/01/2017	R> Yes	Vomiting Elevated BUN, Hyperphosphataemia, Abnorm al utrasound finding Drinking a lot, Listless, Weight loss, Decreased urine concentration, Elevated renal parameters	No Data	Suspected Adverse Reaction. On 10 Jan 2017 the dog was vaccinated with Nobbac L14 the dog came L4. As it was the first time the dog was vaccinated with Nobbac L14, the dog came back for a booster vaccination on 13 Feb 2017. But then the vet noticed the dog had lost quite a bit of weight (from 13 kg to 11 1/kg kg) since the last visit in Jan 2017. The dog was also lettless since a few days and also was drinking a bit more and vomited a few times since a week. On general physical examination the vet noticed the dog was listless. Blood tests showed the renal parameters were elevated. Unice specific gravity was decreased. On ultrasound the kidneys looked abnormal. The dog was suspected of having pylenophritis. Tentament was started with fluids and antiblotics (amoxilial-levial cavil.) Jankiters of an ad lao 10 Ma or certainie had decreased. Unice a gridflinial signs have bed improved. Mo further information expected. (Beason for use for product: Generic: DHP LV Brand: NOBINAC DHP 100XIDS 541 Reason: Vaccination) [State of health: Unknown)	French Bulldo	Known	Nobiwa: OHP - 1.N/AN/A 24,1 Dose 1 Animal (10/10/2017- Invalidation of the control of the contro		Time between vaccination and onset of clinical signs is very long (more than Tomoth). Symptoms with this onset are not known possible reactions to Nobiwac L.O. Other causes are possible, including an underlying disease, but product involvement can't be excluded. Therefore causality 01 - Inconclusive.
NOBIVAC L4	NLD-MERCKMSD-20:	17-NL-00136	Netherlands	Animal	Canine/dog	12 Week(s)	01/02/2017	16/02/2017	1 :	1 0	01/02/2017		Swollen eye,Itching,Swollen lip (see also 'Skin')	No Data	Suspected Adverse Reaction. A 12-week old pup was vaccinated with Noblwac DPF and Noblwac L4. About 30 minutes later the pup developed swollen eyes and lips and was litching. The vet treated the dog with an injection of dexamenthasone and also gave a dexamenthasone ballet to take home. 1.5 hours later the dog And recovered. No flow inther information superted. [Reason for use for product Genetic: DPF LV Brand NoBINAC DPF IDXIDS 503 Reason: Vaccination Genetic: LPT-VP4(ICT_AAM_GMPP_BART) its amen. NOBINAC L4 IDXIDS 503 Reason: Vaccination) [State of LPT-VP4(ICT_AAM_GMPP_BART) its amen. NOBINAC L4 IDXIDS 547 Reason: Vaccination) [State of LPT-VP4(ICT_AAM_GMPP_BART) its amen. NOBINAC L4 IDXIDS 547 Reason: Vaccination) [State of LPT-VP4(ICT_AAM_GMPP_BART) its amen. NOBINAC L4 IDXIDS 547 Reason: Vaccination) [State of LPT-VP4(ICT_AAM_GMPP_BART) its amen.	Chihuahua	0.97	Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2017- 01/02/2017): BR> Nobivac L4, suspension for injection for dogs- 1,N/A,N/A, 24,1 Dose 1 Animal (01/02/2017-01/02/2017): BR> 	B - Possible	Reasonable association in time. A hypersensitivity reaction is a known adverse effect of Nobivac L4, which is mentioned in the SPC. Multiple products used. Product involvement is suspected, but other causes for the described symptoms have not been ruled out. Therefore, causality B – Possible
NOBIVAC L4	NLD-MERCKMSD-20:	17-NL-00137	Netherlands	Animal	Canine/dog	Not Known	01/02/2017	16/02/2017	1	1 0	01/02/2017		Listless,Swollen eye,Swollen face (see also Skin'),Swollen lip (see also Skin')	No Data	Sapected Adverse Reaction. The dag was vaccinated with Noblace Pano-C, Robhac LE and Noblace Kin Feb 2017. Within 30 minutes the follow-depode as soliden face: soullen eyes and lips. The dag was also listless. The vet treated the dag with an injection of desamethasone and also gave a was also listless. The vet treated the dag with an injection of desamethasone and also gave as also listless. The vet treated the dag with an injection of desamethasone and also gave as also listless. The vet treated the dag with an injection of desamethasone lands on gave Loss (Reason Caucination Generic: EBPT AGINT CANGRIP PRAITS Re mark 1008UV.C 2002.DS 510 Reason: Vaccination Generic: BBT CANINE PARVIC VB Brandt NOBIVAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination Generic: BBT CANINE /P ILB/LV Brandt NOBIVAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination [State of health: Unknown]	Crossbred	1.7	Nobivac KC - 1,N/A,N/A,24,1 Dose 1 Animal (01/02/2017-0		Reasonable association in time. A hypersensitivity reaction is a known owners effect of holivace L4, which is mentioned in the SPC. Multiple products used. Product involvement is suspected, but other causes for the described symptoms have not been ruled out. Therefore, causality 8 – Possible
NOBIVAC L4	NLD-MERCKMSD-20:	I7-NL-00155	Netherlands	Animal	Canine/dog	15 Week(s)	15/02/2017	15/05/2017	1	1 0	15/02/2017		Increased sentitivity to sound, Head till neurological disorder, Ataxia, Nystagmus	No Data	Suspected Adverser Reaction on 18 Jan 2017 a loag was vascinated with Nobious Pano-C and Nobious LA. On 20 Jan 2017 the dog developed as wowlen jaw (See acas 2017-NL-00205). In 51 Feb 2017 the dag was vascinated with Nobious L4 and Nobious DHF (dog has received complete puppy vascination previously). Approximately 12 hours af few recursation the dog is more sensitive for sounds and has a head tilt to the right. Dog is treated with Carporal and symulox. Treatment was also started for citis problems that affer examination ears (outside and riside) er elecan, no abhormalities. On 16 Feb 2017 dog is not improving reptatgmus, staxia, head tilt. Normal appetite/frinking behaviour. Dog has progressive neurological symptoms. Dog is sent for additional test (neurological). Aftending vet suspects vestibular problems. Tollow up (12 Feb 2017): latest contact with vet: Dog is suspected to the well copialty existable aryordome. Nor relation with vaccination report is pending. Follow up (38 Mar) 2017; Result neurological examination on 21 Feb 2017; no more nystagmus, no abnormalities in behaviour and consciousness. Head tilt is still present (left and right). Dog showed right improvement during stay. Diagnosis is still not clear, suspected indiopathic vestibular syndrome. Dog is treated with Amoxillin (avaluation and 12 5 mg/kg 20 during 3 weeks and NSIM) for 10 days. Additional physical examination is advice in 3 weeks time. Follow up 15 May 2017). No more information received from vet. No more information expected. (Exector founds: 10 Mesons Vascination Genetic: Derrice City (12 C AGA) (28 MP) 8 Mar) (13 Mesons Vascination (State for health: Unknown)	Dobermann	Not Known	Nabiwa CHP - 1.1/L/N/A 2.4.1 Dose 1. Animal (15/07/2017- 15/02/20	O1 - Inconclusive	Reasonable association in time. Vaccines are snown to possibly cause or trigger systemic reactions. Other causes are possible, like an underlying genetic predisposition, but proact involved can not be excluded. Therefore causality 01 - Inconclusive.
	NLD-MERCKMSD-20:		Netherlands	Animal	Canine/dog	9.5 Week(s)	09/02/2017	21/02/2017	1	1 1	15/02/2017	Not Known, >BR> >BR> Not Known, >BR > Known, >BR > >Known Not Known	Lack of efficacy (parvovirus),Death	Not Known	Suspected Lack of Expected Efficacy for parvo A 9.5 week old puppy dog of Bouvier breed was vaccinated simultaneously with Nobiwac Parvo-C and Nobiwac L 4 and Nobiwac KC on 09 Feb 2017. On 15 Feb the dog started to wornit (flood and mucus) and had watter y (Feb/owlgafronce). On 16 Feb the dog was seen by the Vet: 50w, not esting or drinking, 38.5 K, smooth stomach palpation, a gastro- inestimal infection was suggested. On 17 Feb no improvement, still vonntitive (feeb) lecteralia) noval with blood. Snap test was slightly positive for Parvo, negative for Corona, T = 39.7 also blood on with blood. Snap test was slightly positive for Parvo, negative for Corona, T = 39.7 also blood on with blood. Snap test was slightly positive for Parvo, negative for Corona, T = 39.7 also blood on with blood. Snap test was slightly positive for Parvo, negative for Corona, T = 39.7 also blood on with blood. Snap test was slightly positive for Parvo, negative for Corona, T = 39.7 also blood on with blood. Snap test was slightly positive for Parvo and the Corona was suggested. The animal owner does not want an autopop, possibly feel alsamples with be tested. Follow 100, 20 Mar 2017; The feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (2a/2b), No further feel alsample tested positive (FCR) for a fled strain of Canine Parvo virus (Flanders Cattle Dog	Not Known	Nobwac KC - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (Imp(9/12/2017) - 89/02/2017)+RR8ER-Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (109/12/2017) - 80/02/2017)+RR8ER-Nobivac Payroc1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (109/02/2017) - 80/02/2017)+RR8ER-Nobivac Payroc1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (109/02/2017) - 8RP8ER-Nobivac Payroc-1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (109/02/2017)	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
NOBIVAC L4	NLD-MERCKMSD-203	17-NL-00168	Netherlands	Animal	Canine/dog	12 Year(s)	23/09/2016	21/02/2017	1	1 0	01/12/2016	Yes, <br< td=""><td>Tachycardia, Limpness, Acting tence Fainting</td><td>No Data</td><td>Supertied Adverser Reaction. A 17 year and 8 months old dog was succinated simultaneously with Nobbac L4 and Nobbox DP on 23 Sep 2016. In December 2016 the dog fainted wice during a walk. On 28 Jan 2017 the dog fainted again during a walk and became limp (no convolsions). The dog recovered after a minute. The dog has never been keen no long walks and this has not changed after the event. The dog is esting well and does not cough. According to the Vet the dog is very tense, no heart murmur but high frequency, palaphet pode in both groin, 73.80. Celsus, prix microus membranes, normal Creatinies, small inguinal lymph nodes, good turgor, smooth belly and normal pupillary reflex. A heart problem or slient gelbesy were suggested. Additional esting (heart-echo)ritement) was adviced. The animal owner reported the event following social media attention fo the product. No threir information propetted. (Reason for use for product: Certonic Centeric: L2FTC*4(CT_CAS_CRIP*2BAT) to Branzi NOBIVAC L4 IDILIDS 547 Reason: Vaccination Generic: Del'event Language and Company Company.</td><td>West Highland White Terrier</td><td>Not Known</td><td>Nebbac DIP - 1,1/(A)/N / 2,41 Dose 1,4 index 2,5/(2)/(2)/(2) 1,4 index 2,5/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)</td><td>N - Unlikely</td><td>Yeer poor association in time fapproximately three to four morths, Clinical sign do not fit the four morths, Clinical sign do not fit the farmacological/toxicological profile of the VAMP. Other causes are more likely. Therefore N — Unlikely</td></br<>	Tachycardia, Limpness, Acting tence Fainting	No Data	Supertied Adverser Reaction. A 17 year and 8 months old dog was succinated simultaneously with Nobbac L4 and Nobbox DP on 23 Sep 2016. In December 2016 the dog fainted wice during a walk. On 28 Jan 2017 the dog fainted again during a walk and became limp (no convolsions). The dog recovered after a minute. The dog has never been keen no long walks and this has not changed after the event. The dog is esting well and does not cough. According to the Vet the dog is very tense, no heart murmur but high frequency, palaphet pode in both groin, 73.80. Celsus, prix microus membranes, normal Creatinies, small inguinal lymph nodes, good turgor, smooth belly and normal pupillary reflex. A heart problem or slient gelbesy were suggested. Additional esting (heart-echo)ritement) was adviced. The animal owner reported the event following social media attention fo the product. No threir information propetted. (Reason for use for product: Certonic Centeric: L2FTC*4(CT_CAS_CRIP*2BAT) to Branzi NOBIVAC L4 IDILIDS 547 Reason: Vaccination Generic: Del'event Language and Company Company.	West Highland White Terrier	Not Known	Nebbac DIP - 1,1/(A)/N / 2,41 Dose 1,4 index 2,5/(2)/(2)/(2) 1,4 index 2,5/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)/(2)	N - Unlikely	Yeer poor association in time fapproximately three to four morths, Clinical sign do not fit the four morths, Clinical sign do not fit the farmacological/toxicological profile of the VAMP. Other causes are more likely. Therefore N — Unlikely

	NLD-MERCKMSD-2017-NL-00216	Netherlands	Animal	Canine/dog	1 Year(s)	02/03/2017	03/03/2017	1	1 0	02/03/2017	Yes, <b R>>BR>KBR>Yes, KBR>KBR>KBR>KBR>KBR>KBR>KBR>Yes</b 	Vomiting,Facial swelling (see also "Skin"),Weak pulse,Listless,Lethargy (see also Central nervous system depression in "Neurological")		Sispected Adverse Reaction. On 2 Mar the dog was vaccinated with Nobivac DNP, Nobivac L4 and Nobivac KC. Z hours later the dog was taken back to the vet because it was lethangic and had vomited backer. The dog was very licities and had awea pluse. The vice traceal the dog with an injection of dexamethasone intravenously. Later that evening the dog was still listless and had also developed swelling of the head. No additional treatment was given. The next morning the dog had fully recovered. No further information espected. [Reason for our off or product: Generic: DPF LV Brand: NOBIVAC DPF 10XLIDS 51D Reason: Vaccination Generic: EPTO*QICT_CAM_CRIPP_BRAT) IS Brand: NOBIVAC NOBIVAC DPS 74 Reason. Vaccination Generic: BOANNE / PI LBIVV Brand: NOBIVAC KC 25XLIDS*25XLIDS DIL 61D Reason: Vaccination] [State of health: Unknown]	Other Canine/dog		NOBIVAC DHP - 1.N/A.N/A, 24.1 Dose 1 Animal (02/03/2017- 02/03/2017-NBR-NBR-NDBIVAC L4- 1.N/A.N/A, 24.1 Dose 1 Animal (02/03/2017-NBR>-NBR>Nobivac KC- 1.N/A.N/A, 24.1 Dose 1 Animal (02/03/2017-02/03/2017)-BR>-BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00234	Netherlands	Animal	Canine/dog	10 Week(s)	02/03/2017	10/03/2017	1 :	1 1	02/03/2017	Not Known,
>BR> Not Known</br 	Diarrhoea, Voniting, Yellow mucous membranes, Death, Listless	Not Known	Suspected Aleverse Reaction On 2 Mar 2017 the pup was vaccinated with Nobivac DHP and Nobivac L4. That same day the dop bearem listens: Later it also developed vointing and darineos. On 4 Mar 2017 the owner called the vet after which the dog was started on rice and chicken det. On 5 Mar 2017 the dog had defectorated and was taken to the vet. The vet noticed the dog had yellow sclean and mucous membranes. The owner didn't want to go to a specialist, therefore treatment with antibiotics and Emergind was started. That right the dog didd. The dog was ent in for autopy, results pending. The dog was living on a farm. I month earlier it was vaccinated with Nobivac Puppy DP without any problems. Follow-grid L0 Mar 2017; Janoppy results. God of leptosprossis rifection. No more information expected. [Reason for use for product. Generic. DHP LV Brand: NOBIVAC DHP 10X1DS 63R Beason: Vaccination] [State of health: Unknown]	Crossbred	Not Known	Nobiwa: OHP - 1,N/A,N/A, 24,1 Dose 1 Animal (02/03/2017) - 10.7 (02/03/2017) - 10.7 (03/03/2017) - 10.7 (0	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.
	NLD-MERCKMSD-2017-NL-00301	Netherlands		Canine/dog		15/03/2017	17/03/2017	1		15/03/2017		Panting, Unable to stand, Unable to rise, Shaking, Reduced level of consciousness, Listless	No Data	Superted Afverer Reaction On 15 Mar 2017 at 7.30 pm te dog was vaccinated with Nobinez Lk. That night, a midnight, the dog started parting and shaling, coulding the quit any endered less conscious. Eventually the dog could sit, but couldn't stand up. 10 minutes later all these symptoms were over. The dog was taken to the vet that night, but no general physical examination no abnormabities were seen. Also some blood tests were performed, no abnormabities. The owner mentioned the dog is still calmer than usual. No further information expected. Reason for use for product. Element EUFTO*4(CT_CAN_GRIPP_BRAT) KB Brand: NOBINAC L4 10x105 547 Resson: Vaccination) (State of health: Unincome)	Retriever		Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose 1 Animal (15/03/2017- 15/03/2017) >BR> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B.
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00329	Netherlands	Animal	Canine/dog	6 Year(s)	05/07/2016	23/03/2017	1	1 0	10/08/2016	Known, Known, KR> Not Known, KR> KR> KROWN, KR> KROWN, 	Abdominal pain,Enlarged lymph nodes (generalised),Castroenteritis, Vomiti mg.Not drinking.Coma,Increased respiratory rate,Demartised respiratory rate,Demartise,Listless,Blood in fasces, Not easing-typoglycaemia,Decubitus,Abnormal ultrascound finding,General illness,Olarmoea	Not Known	Suppected Albertier Reaction on Ts Jul 2016, a dog was treated with 1 tablet Bravecto 500 mg and vascinated with Nobes Let and Noblovale. Cat a (unknown) veterinary clinic. The dog received entail treatment on 27 Jul 2016 (including application of Sedastart-midazodam-ketamine, Stomorgin, Metacam), to 10 Aug 2016, while the dog strayed in a boarding lement, the dog became suddenly ill, was temporarily (duration unknown) in a sort of coma and anrived in lateral decubitus at an emergency veterinary hospital. The dog had severe darmhoea and an increased resignation and tes [27/min]. Abdominal pialpation was very parful (especially in epigastrium), further no striking abnormalities observed at general examination. Abdominal ultrasoudn or striking abnormalities except a prominent pancreas. Parcreatitis was excluded based on normal CP. Value. The dog was hypoplycaemic (calues The dog was brapitable) decreased resistance accept a prominent pancreas. Parcreatitis was excluded based on normal CP. Value. The dog was hypoplycaemic (calues The dog was hypoplycaemic (values The dog was hospitable), of certification of the dog was dog was not existed with nocoling spray, On 12 Aug 2016 the dog was released from the hospital. At home, treatment was continued with Cerenia and Culvulaction. Small food portions were avalued, shawed and treated with cooling spray, On 12 Aug 2016 the dog was released from the hospital. At home, treatment was continued with Cerenia and Culvulaction. Small food portions were advised. On 19 Aug 2016 the demantitis was further treated by attending wet: Voreen ispection - Exercise and a divulaction of the dog was not easity of denings, Exercise and a 1-day supply of Cephaloria tablets were taken home. Christown whether the dog still and darnhoea at this time, Seven months later, on 21 Mar 2017, the dog was not eating or denings, Exercis	Tibetan Terriei	r 18	Bravetto 500 mg Chewable Isalets for medium-sized dogs (1-0.20 kg)	N - Unlikely	CA agrees with causality assessment and comments of the MAPI. Causality N - Unlikely
	NLD-MERCIMISD-2017-NL-00335	Netherlands		Canine/dog		21/03/2017	24/03/2017	1			R> Yes	Drunken gall-Peripheral vasconstriction Breathlessness, Prolonged capillary refill time, Weak public Anaphylactic shock, Pale mucous membrane, Involuntary defectation, Yomiting, Decreased body temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Tachycardia	No Data	Suspected Adverse Reaction On 21 Mar 2017 the dog was vaccinated with Noblavic DIP and Noblavic L4. 5 minutes after vaccination the dog developed shortness of result, tackyracing, week puble, vascoonstriction, druwken gail, lethargy, pale mucosae, CRT unable to determine. After 10 minutes the dog vomited and defected involuntary, According to the vert the dog was in analysis cit. shock. Treatment was started with oxygen, fluids and 2 ligications of 0,02ml adversalin. The dog's temperature dropped to 36 degrees Celsius. After 1 hours the dog was released from the clinic with a pulse of 100 bests/minute, a CRT <2 seconds, pink mucosae, a normal pulse strength and a temperature of 37.2 degrees Celsius. The vertice the next day and the day after that, the dog was doing well degrees. Celsius. The vertice the next day and the day after that, the dogs was doing well for the product of the control of			Nebiwac DHP - 1.N/A/N/A 24,1 Dose 1 Animal (2/10/2017 - 1.animal (2/10/2017 - 1.animal 2/10/2017) - 21/03/2017-8R8B+Nebiwac L4, suspension for injection for dogs - 1.N/A/N/A 24,1 Dose 1 Animal (21/03/2017-21/03/2017)-8RBRBR		CA agrees with causality assessment and comments of the MAH. Causality B - Possible.
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00341	Netherlands	Animal	Canine/dog	11 Year(s)	20/03/2017	27/03/2017	1	1 1	26/03/2017	Yes, Pes, Yes, 	Bloody diarrhoea Vomiting NT - haemorrhagic enteritis, Death, Abnormal necropsy finding, Blood in vomit	No Data	Suspected Adverse Reaction On 20 Mar 2017 the dog was vaccinated with Noblava CHP. Noblava CL and Noblava CL. On 26 Mar 2017 in the vereinig the dog started wornting blood and developed bloody diarrhose. The next morning the dog was taken to the vet but when it a mired there, the dog had already ided. The dog was sent in for autopy. Preliminary results state the dog is suspected of having hemorrhagic entertitis. Follow-up information pending. Follow-up (4 Apr 2017): final autopys results: hemorrhagic entertitis to lea of Lostfording perfitninges infection which filts a food intoxication according to the pathologist.) The dog is fed a raw meat diet, according to the pathologist this is certainly a risk factor. No further information expected. Ca. 18 April 2017: Added VedDA term Abnormal necropy finding according to the information provided in the case nearative (Reason for use for product. Generic: 1914 LY Branch NoBINAC DEP 1015 SEG 018 Resolve VedContation Generic: LOSANIE, For LOSANIE, AND LOSANIE CL 1015 SEG 74 SEG VEDCON LOSANIE CL 1015 SEG VEDCON LO	Chihuahua	3.05	Nebiwac DHP - 1.N/A.N/A 24,1 Dose 1 Animal (20/03/2017- 20/03/2017-eR8B+-Nebiwac KC - 1.N/A.N/A _ 24,1 Dose 1 Animal (20/03/2017- 20/03/2017-BR8BB-Nebiwac L4, suspension for injection for dogs - 1.N/A.N/A _ 24,1 Dose 1 Animal (20/03/2017-20/03/2017)-BRBRBRBRBRBRBRBRBRBR	N - Unlikely	Time to onset of clinical signs is quite long, Autopay results concluded a hemorrhagic entertis due to a Clostrichum perfringens infection. Possibly the dog's raw food det played a role in this. Therefore causality N - Unlikely

NOBIVAC L4	NLD-MERCKMSD-2017-NL-00370	Netherlands	Animal	Canine/dog	5 Year(s)	08/04/2015	03/04/2017	1 1	0 20/05/2	R> No Known, <bf > <br< th=""><th>t disorder NOS,Foaming at the mouth,Epilepsy,Convulsion,Neurolk gical signs NOS,Barking,Vocalisation,Sleepines t s - neurological disorder,Restlessness,Behavioural</th><th>Not Known o</th><th>Suspected Adverse Reaction. A Priesian Stabyhoun (Prointer dog) has been treated with Bravecto Chew 1000 mg approximately every 3 months, since Aug 2014 up to now (last tablet on 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet the 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 18 Feb 2017, on 8 Agr 2015, the dog was treated with 10 Feb 2016 was 19 Feb 2016 was 19 Feb 2016. The 18 Feb 2016 was 19 Feb</th><th>Frisian Pointing Dog</th><th>26.85</th><th>Bravecto 1000 mg chewable tablets for large dogs (2-02-40 kg) - 1.N/A.3 Montfs, 24.1 Does 3 Montfs 1 Amounts, 24.1 Does 3 Montfs 1 Amina (61/108/2014-11/102/2014)- 81-81-81-81-81-81-81-81-81-81-81-81-81-8</th><th>O1 - Inconclusive</th><th>Time to onset of seizures quite long (minimum of 6 weeks). Dog is continuously treated with Bravector weeky 3 months. Dog what he behavior seemed to occur at the same time as the occurrence of seizures. Solvensed shaped willen on phenoral treatment but Came back when the phenoral disage was decreased. Based on blood tests it was confirmed that the phenoral level was too low. After phenoral dosage was decreased, months selection. Dog still seaded with a company, months selection. Dog still seaded with a company, months selection. Dog still seaded with a contract was considered to the contract of the contract involvement could not be fully excluded. Therefore, causally 01.</th></br<></bf 	t disorder NOS,Foaming at the mouth,Epilepsy,Convulsion,Neurolk gical signs NOS,Barking,Vocalisation,Sleepines t s - neurological disorder,Restlessness,Behavioural	Not Known o	Suspected Adverse Reaction. A Priesian Stabyhoun (Prointer dog) has been treated with Bravecto Chew 1000 mg approximately every 3 months, since Aug 2014 up to now (last tablet on 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet the 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 17 Feb 2017). On 8 Agr 2015, the dog was treated with 1 tablet for 18 Feb 2017, on 8 Agr 2015, the dog was treated with 10 Feb 2016 was 19 Feb 2016 was 19 Feb 2016. The 18 Feb 2016 was 19 Feb	Frisian Pointing Dog	26.85	Bravecto 1000 mg chewable tablets for large dogs (2-02-40 kg) - 1.N/A.3 Montfs, 24.1 Does 3 Montfs 1 Amounts, 24.1 Does 3 Montfs 1 Amina (61/108/2014-11/102/2014)- 81-81-81-81-81-81-81-81-81-81-81-81-81-8	O1 - Inconclusive	Time to onset of seizures quite long (minimum of 6 weeks). Dog is continuously treated with Bravector weeky 3 months. Dog what he behavior seemed to occur at the same time as the occurrence of seizures. Solvensed shaped willen on phenoral treatment but Came back when the phenoral disage was decreased. Based on blood tests it was confirmed that the phenoral level was too low. After phenoral dosage was decreased, months selection. Dog still seaded with a company, months selection. Dog still seaded with a company, months selection. Dog still seaded with a contract was considered to the contract of the contract involvement could not be fully excluded. Therefore, causally 01.
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00377	Netherlands	Arimal	Canine/dog	10 Year(s)	25/03/2017	04/04/2017	1 1	o 30/03/-	1)7 Not Known, GB>-GB->GBR->GR->GR->GR->GR->GR->GR->GR->GR->GR->G	 swelling,Restlessness,Polyphagia,In ection site t abscess,Polyuria,Elevated 	n Not Known ji	Suspected Adverse Reaction. On 25 Mar 2017, a healthy 10 year-old Vizila was subcutaneously vaccinated with Nobuce L.G. on 30 Mar 2017, a notable swinging in the neck as observed by the owner. Observation by the attending vet on 31 Mar 2017, large thickening in the neck at the vaccine injection site, 1–33, "Inflammatory response to vaccination? The vet treated the dop with Amoudifilit by injection and amoukillin (Amousoral) 250 mg tablets were provided for treatment at home (is daily one tablet). On 34, p24 2017, the dog was again examined by the vet-enromous swelling in the neck, between the shoulder Biddes, 20 cm wide, 5 cm light, 1–38, 9. The dog was restless and switching with the left ear. The dog was eating, drining and uninsting more than usual and had a multy stool. The treatment with Amousoral was continued and Rimadyl was added to the therapy. Follow up on 10 Apr 2017. Adding to the information above on 1 Apr 2017, due to the weekend, the owner had brought the dog to a different veterinary cirinic, where a body temperature 1–40.0 was measured and antibotics with a broader spectrum (or further specified) were provided. Follow up on 11 Apr 2017. The attending vet reported that on A Apr 2017, the swelling had burst open. Only blood and clear exudate had come out, thereunder some tissue reaction was observed by the vet. The height of the swelling (first 5 cm high) was now reduced to a maximum of 1 cm high. Currently (11 Apr 2017, the swelling) and the contraction of the contraction and the section was observed by the vet. The height of the swelling (first 5 cm high) was now reduced to a maximum of 1 cm high. Currently (11 Apr 2017, the swelling) and the contraction of the sweller of the swelling of the swel	Hungarian Short-haired Pointing Dog (Vizsia)	25.1	AMOXIONAL 250 MG, SMARELINE TABLETTEN Rep. 1233 - 250M/AN/A, 3,3 times daily (31/03/2017 - N/A)+BB-GR-Amoxycilline inj - N/A/N/AN/A AJ 4,1 winknown (31/03/2017 - 31/03/2017) - 31/03/2017 - 31/03/2017 - 500 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	B - Possible	Reasonable association in time. Close association in anatomical site of injection, his nicrose in body remperature and an injection site swelling are mentioned in the 5°C of the VMPa. Belta smaller demension and an Milder increase in body temperature has been observed in clinical studies. Chief critical signs are not mentioned in the 5°C of the VMP. Product involvement is superact, but other cruses for the described symptoms have not been ruled out. Therefore, causality 8 – Possible
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00380	Netherlands	Animal	Canine/dog	8 Year(s)	12/01/2017	03/05/2017	2 1	0 13/01/-	1717 Not Known,¢BRBR >BRBRBR Not Known		Not Known	Sapetted Afverser Reaction. On 51 airs 2017. 2 dogs were vaccinated with hobbwit L6 and Nobbus EC. The following day 1 dog was in pain, the dog wouldn't let the owner touch the left flank. The dog was staken to the vet who thought the dog might have an acute herria. The advice was to just wait and see for a few days. On 16 is an 2017 are hery was made of the dog's hind side, no abnormalities were seen. On 17 Jan 2017 the gas became worse and on 18 Jan 2017 the dog deteriorated more and started eating less. On 19 Jan 2017 the dog didn't want to eat or divid anything and didn't want to wait for eating less. On 19 Jan 2017 the dog didn't want to eat or divid anything and didn't want to wait sampmore. Then the owner's son noticed puss coming from the left flank. The dog was taken to the emergency wet where the dog's left flank was shawed and 2 janpur under the side were visible with puss dispring out. The dog was setter to the demorphing issues of a demonstrated of the dog was setter to a specialist who noticed the skin was loose (eletached from the underlying issues) and green pass was coming out. An attack and the properties of the side of th	Other Canine/dog	16.5	Nebbuc K 1,N/A,N/A, 2,41 Dose 1 Aminal (12/01/2017). 12/02/2017):eRF-eRB>Nebbuck L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/01/2017)-12/01/2017):eRR-eRP-	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00417	Netherlands	Animal	Canine/dog	9 Week(s)	07/04/2017	11/04/2017	1 1	0 07/04/2)17 Yes, <i R×BR> Ye:</i 		No Data	Species, not ossing more weight, receives normal reed dut is still related with onesprator. Log is still Suspected Alexens Reaction. On 7 Apr 2021 the pure was very canned with Noblews Parwic - and Noblews Lt. Within 1 minute of the vaccination the pup developed analyhylactic shock, became isstless and white as a glost. The very titted to get an in. line in to gle thick, but didn't success. So the dog was treated with an i.m. injection of desamethations conso after which it improved. The pup still- tered with an i.m. injection of desamethations conso after which it improved. The pup still- verse with a size of the still related to the still related	Crossbred	2.2	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (07)/42/017- 07/04/2017- 08-8-8B-Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (07)/42/017- 07/04/2017- 07/04/2017- 07/04/2017- 07/04/2017-	B - Possible	CA agrees with causality assessment and comments of the Maki. Causality 8-Possible.

NOBIVAC L4	NLD-MERCKMSD-2017-NL-00428	Netherlands	Animal	Canine/dog	15 Month(s)	11/04/2017	13/04/2017	1 1	0 11/0		s, <b Yes</b 	Diarrhoea, Vomiting, Apathy, Hypoth ermia, Falling	No Data	Suspected Adverse Reaction On 11 Apr 2017, a dog was vaccinated with Nobivac LNP and Nobivac L4. Approximately 1 to 2 hours later, the dog became apathic, fell over and vomited. The dog was brought Dack to the veterinary clinic. The initial measured body temperature of 37.7 degrees Cebius later declined to 1–37.0 point which the dog laid down under a lamp. The dog was treated with a deamentsione injection and physiological fluids whereafter the dog was getting better quickly. A day later, on 12 Apr 2017, the dog was still value fluids and the later and also stopped. However, the dog was setting better quickly. A day later, on 12 Apr 2017, the dog was still value fluids. Date 13 Apr 2016, each of the MAH. Causality 8-Possible. Suppose for for injection for dogs- 1,1/A/A), 2,4,1 Dose 1 Animal (11/Q/2017)-BR-BR- Was still a little listless. Note: an adverse exaction was also secrete when the dog was secrited as a puppy in Mar 2016, see PV case 2016-HL-00172. No more information is expected. (Reason for use for product. Generic.) Experts of the MAH. Causality 8-Possible. Suppose for for injection for dogs- 1,1/A/A), 2,4,1 Dose 1 Animal (11/Q/2017)-BR-BR- Was still a little listless. Note: an adverse exaction was also secrete when the dog was secreted as a puppy in Mar 2016, see PV case 2016-HL-00172. No more information is expected. (Reason for use for product. Generic DHP V B standt. Noblative Cher PL 2016-BR Common Centeric.)
NOBIVAC L4	NLD-MERCXMSD-2017-NL-00440	Netherlands	Animal	Canine/dog	12 Year(s)	24/03/2017	14/04/2017	1 1	0 12/0	> <b kno="" not=""><b kno="" not=""><b kno="" not=""><b not=""><b kno="" not=""><b kno<="" not="" td=""><td>BR> t own, <br BR> t own, <br< td=""><td>Atrial fibrillation, increased heart rate, and respectively on the controlling increased replatory on the charge feet and certain on the charge feet and certain rate, and the controlling rate of the charge feet and the charge feet</td><td>Not Known</td><td>LEPTO*4[CT_CAN_GRIPP_BRAT] NB Brand: NGBWAC L4 30C0DS 547 Reason: Vaccination [0] State of hashits. Goods </td></br<></br </td>	BR> t own, <br BR> t own, <br< td=""><td>Atrial fibrillation, increased heart rate, and respectively on the controlling increased replatory on the charge feet and certain on the charge feet and certain rate, and the controlling rate of the charge feet and the charge feet</td><td>Not Known</td><td>LEPTO*4[CT_CAN_GRIPP_BRAT] NB Brand: NGBWAC L4 30C0DS 547 Reason: Vaccination [0] State of hashits. Goods </td></br<></br 	Atrial fibrillation, increased heart rate, and respectively on the controlling increased replatory on the charge feet and certain on the charge feet and certain rate, and the controlling rate of the charge feet and the charge feet	Not Known	LEPTO*4[CT_CAN_GRIPP_BRAT] NB Brand: NGBWAC L4 30C0DS 547 Reason: Vaccination [0] State of hashits. Goods
NOBIVAC L4	NLD-MERCXMSD-2017-NL-00460	Netherlands	Animal	Canine/dog	10 Year(s)	12/04/2017	10/05/2017	1 1	0 18/0	4/2017 Yes	5	Vomiting.icterus, Diniking a list, Decreased appetitis, Elevated gamma-gludarny transferase (GGT), Decreased universe (GGT	No Data	Suspected Adverse Reaction. On 12 Apr 2017 the dog was vaccinated with Nobivac L4. On 18 Apr 2017 the dog was vaccinated with Nobivac L4. On 18 Apr 2017 the dog was vaccinated with Nobivac L4. On 18 Apr 2017 the dog was vaccinated with Nobivac L4. On 18 Apr 2017 the dog was vaccinated with Causality assessment and comment of the dog was taken back to the ver because the dog's appetite has decreased and the dog drinks alor and vomits every now and then flour ulmown when exactly these symptoms were florit steel. The dog has been strengthed and the lover response were extremely elevated (AP 2000), CP 07 1000 (J1) restrient was standed with Clarobactin sould, not enlarged (but this doesn't exclude (chronic) lepatitis), On 21 Apr 2017 the dog has not understand the properties of the control of the domain properties of the control of the control of the control of the domain properties of the control of the control of the domain properties of the domain properties of the control of the domain prope
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00465	Netherlands	Animal	Canine/dog	9 Week(s)	20/04/2017	24/04/2017	1 1		R>< <br BR></br 	s, Yes, RP> < >>BR>Yes</b 	Facial swelling (see also 'Skin')	No Data	Sizapected Adverse Reaction. On 20 Ayr 2017 the pure was vascinated with Nobive KK. Nobive Parvo. Can Nobive La 18. An immunity and the pure year of the MAH. Causality a session of the MAH. Causality assessment and comment develop any breathing difficulty. The vet treated this with an injection of desamethation (0.1ml) and about 1 how later the dop flad recovered. No further information expected. [Resident or periods. Circ Generic. 8B CANINE F II I
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00496	Netherlands	Animal	Canine/dog	5 Year(s)	24/04/2017	31/05/2017	1 1	0 01/0	> <b Yes, R>< Kno ><b Yes,</b </b 	BR> s, <b Not pwn, <br< td=""><td>Spann Absence seiture Alyocionic pirk, Ellipsyr, Toric Alprif, Pillipsyr, Toric Alprif, Pillipsyr, Toric Alprif Pillipsyr, Pillipsy</td><td>Not</td><td>Sizepected Adverse Reaction. On 28 Apr 2016 and on 8 Aug 2016 (and before on unknown dates, one local training and the limit in 2014 and three times in 2013 and three times i</td></br<></b 	Spann Absence seiture Alyocionic pirk, Ellipsyr, Toric Alprif, Pillipsyr, Toric Alprif, Pillipsyr, Toric Alprif Pillipsyr, Pillipsy	Not	Sizepected Adverse Reaction. On 28 Apr 2016 and on 8 Aug 2016 (and before on unknown dates, one local training and the limit in 2014 and three times in 2013 and three times i

NOBIVAC L4	NLD-MERCKMSD-2017-NL-00511	Netherlands	Animal	Canine/dog	10 Week(s)	01/05/2017	03/05/2017	1 1	0 01/0	Known,
 BR></br 		Not Known	Suspected Arkerse Reaction. A puppy dog was vaccinated for the first time and simultaneously with Noblace Parvo-C and Noblace L4. The dog vocalized on the injection and was inactive after vaccination. Six hours after application the dog had some sort of a attact: convulsions, vocalisation (violently squeaking), muscle weakness, seemed unconscious with the eyes open. The reaction was no trated. The next morning everything was back to normal again. No further information expecting.	Australian Shepherd Dog	Not Known	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,24,1 Dose 1 Animal (1 Day(s) 01/05/2017- 01/05/2017) Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1	B - Possible	Time to onset of clinical signs is compatible. Vaccines are known to possibly cause or trigger systemic reactions. Clinical signs could be related to a transient acute hypersensitivity reaction, which is mentioned in the SPC of the VMP. Multiple products used. Product
													23 May 2017: Added Lot mumber for both suspect drugs and changed assessments of the Primary source into A - Pobbble, excording to information reported directly by the vesterinarian to the Competent Authority, (Reason for use for product, Generic, CANINE PRAVO LV Brand: NOBINAC PARVO-C LOXIDS of Reason: Vaccination Generic LEPTO-VIGIT, CANINE PRAVO LV Brand: NOBINAC NOBINAC L4 10X1DS 547 Reason: Vaccination] (State of health: Unknown)			Animal (01/05/2017- 01/05/2017) 		Involvement is suspected, but other causes for the described symptoms have not been ruled out. Therefore, causality B – Possible
	NLD-MERCKMSD-2017-NL-00523	Netherlands			6.5 Year(s)	20/04/2017	04/05/2017	1 1		/2017 Yes	Epileptic seizure	No Data	Supercted Adverse Reaction. On 20 Apr 2017 a day was vaccinated with Noblwac L4. Approximately 2 hours after vaccination the dog developed an epileptic senior. This lasted approximately 5 min and dog recovered without treatment. Dog was vaccinated before with Noblwac L4 (21 Mar 2017) without any problems. No more information expected. [Reason for use for product: Generic: LEPTO*4(CT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination) [State of health: Unknown]	Crossbred	6.6	for dogs - 1,N/A,N/A ,24,1 Dose 1 Animal (20/04/2017- 20/04/2017) 	O1 - Inconclusive	Time to onset of clinical sign is compatible. Epileptic seizures are not mentioned in the product information of the VMP. However, stress and excitation and medication in general may possibly trigger an epileptic seizure in animals with a low epileptogen level. Other causes are possible, but product involvement can not be excluded. Therefore O1-inconclusive
	NLD-MERCIMISD-2017-NL-00534	Netherlands	Animal	Canine/dog	3 Month(s)	08/05/2017	09/05/2017	1 1	1 08/09	R>deR>de R>deR>de R>deR>deR>deR BR>≺BR>Y€	Yes, hemia,Distension of BR>< abdomen,Vomiting,Loss of	No Data	Suspected Adverse Reaction. A pup died a short time (unknown how long exactly) after vaccination with Nobixe. 2 Hory Nobixe L and Nobixe XC. The pup has been sent in for autoprop, results pending. Follow-up (10 May 2017): a round 8 May 2017, a t dpm, the pup was vaccinated with Nobixe CDPP, Nobixe CA and Nobixe CA. All power hole op was taken to pupy training and 18 sins fine. When the pup came home from pupy training at 18 started peeping and vomitting and at 3 am the dog became calm again. But at 3 am the dog started vomitting bit, seemed to loose consciousness and stopped breating When the pup arrived at the vet at 6.45am the pup was grey, not breating, had no pulse and no cornear erflex anymore. The abdomen was distended, but so loose consciousness and stopped breating When the pup arrived at the vet at 6.45am the pup was grey, not breating, had no pulse and no cornear erflex anymore. The abdomen was distended, but so little. The vet's differential adiagnoses were a corpus allenum, an intestinal torsion or a delayed allergic reaction to the vaccination. The pup was sent in for autopsy. Autopsy results state the cause of death was a meetentic hermia with small intestine which moved into the hernia which lead to congestion of the small intestines. The report states there were no indications for analysticat chock and no indications the death was related to the vaccination. No further information expected. CA 2 June 2017. Added vedDRA term: Abdominal civily hernia, according to the autopsy results. [Reason for use for product: Generic: EPPTV STOR.CEANGE/RIP REARY ISB Stand: NOBINAC EAN CANNEY for IEA/V Brand: NOBINAC KC 2XXIDS-DII 610 Reason: Vaccination Generic: EPPTV STOR.CEANGE/RIP REARY ISB Stand: NOBINAC EAN CANNEY for IEA/V Brand: NOBINAC EXC.	Belgian Shepherd Dog Malinois	Not - Known	1. Anima (IQ(IG), 2017- 08/(IG), 2017-18-EN-Nobiva C. C. 1.N/AN/A. 24. 1 Dose 1. Anima 08/(IG), 2017-18-EN-Nobiva C. I., suspension for injection for dogs- 1.N/AN/A. 24. 1 Dose 1. Animal (IQR), 2017-19-18-2-18-2-18-2-18-2-18-2-18-2-18-2-1	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00551	Netherlands	Animal	Canine/dog	9 Week(s)	03/05/2017	12/05/2017	1 1	0 05/09	/2017 Yes, <e R>6BR>6B 6BR>6BR 6BR>76</e 	Yes, incontinence,Polyneuritis,Hind limi BR>< ataxia,Hind limb paresis,Abnormal	No Data	Sapected Adverse Reaction. On 3 May 2017 the pay was vaccinated with Nobbac L4, Nobbac Paru-C and Nobbac K2 - Zays later the pay sale man on its eff ind leg followed by increasing instability of the pays hind body, Another 3 days later the pay was taken back to the vet, treatment with Metacam (melociand) was started but without effect. The symptoms were progressive. First paresis the hind legs, later tetraparesis and incontinence. On 11 May 2017 the pay was taken to a specialist: blood tests and an ray were performed. The diagnosis was opplemunopathy of inknown cause. The specialists said he didn't known if the vaccination had any relationship with the symptoms seen. He said there are many possible causes. Usually a oploweropathy recovers without treatment, but a complicating factor is that this pay has a thorax seen in 'swimmers' (which is less positive for the prognosis). No there information sepacetud. Reason for use of product: General: LEPTO*4(CT_CAN_GRIPP_BART) dis Brand: NOBIVAC L4 IDXIDS 547 Reason: Vaccination Generic: EANIVE PARVID L5 Warned NOBIVAC KC 25XIDS-25XIDS DIL 610 Reason: Vaccination) [State of health:	Bulldog	Not Known	Noblac KC - 1.N/A/N/A 24,1 Dose 1 Amimal (30/50/2017-6Rs-6Br-Noblace 1.4 Suspension for injection for dogs - 1.N/A/N/A. 24,1 Dose 1 Animal (93/36/2017-6Rs-6Br-Noblace Paro-C - 1.N/A/N/A 24,1 Dose 1 Animal (93/05/2017- G3/05/2017-6Rs-6Br-Noblace Paro-C - 1.N/A/N/A 24,1 Dose 1 Animal (93/05/2017- G3/05/2017-6Rs-6Br-Noblace)	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O.L.
	NLD-MERCIMASD-2017-NL-00571	Netherlands	Animal	Canine/dog	3.5 Year(s)	31/01/2017	19/05/2017	1 1	0 07/1:	/2016 Yes, eBr-vf R>Br>Bi -GBr-SGR>- BBr-GBr-yf R>BP-Yes	Yes, NOS BR>< , <b< td=""><td>No Data</td><td>Supercited Adverse Reaction. After been treated with Browetc Ochew 250 mg for 1.5 years without problems (chosen start treatment approximately 0.7015, judge volume). The problems (chosen start treatment approximately 0.7015, judge volume) and the problems (chosen start treatment approximately 0.7015, judge volume). The problems of t</td><td>Other Canine/dog</td><td></td><td>for small dogs (4.5-10 kg) - 1.N/AN/A, 2.1 Tablest Unknown L. 1.N/AN/BC (2.1 Tablest Unknown L. 1.N/AN/BC (2.1 Tablest Unknown L. 1.N/AN/A, 2.1 Tablest Unknown L. 1.N/AN/A, 2.0 L. 1.N/BC (2.1 Tablest L. 1.N/AN/A, 2.0 L. 2.0 L. 1.N/AN/A, 2.0 L. /td><td>N - Unlikely</td><td>CA agrees with causality assessment and comments of the MAH. Causality N - Unikely.</td></b<>	No Data	Supercited Adverse Reaction. After been treated with Browetc Ochew 250 mg for 1.5 years without problems (chosen start treatment approximately 0.7015, judge volume). The problems (chosen start treatment approximately 0.7015, judge volume) and the problems (chosen start treatment approximately 0.7015, judge volume). The problems of t	Other Canine/dog		for small dogs (4.5-10 kg) - 1.N/AN/A, 2.1 Tablest Unknown L. 1.N/AN/BC (2.1 Tablest Unknown L. 1.N/AN/BC (2.1 Tablest Unknown L. 1.N/AN/A, 2.1 Tablest Unknown L. 1.N/AN/A, 2.0 L. 1.N/BC (2.1 Tablest L. 1.N/AN/A, 2.0 L. 2.0 L. 1.N/AN/A, 2.0 L.	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unikely.
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00587	Netherlands	Animal	Canine/dog	Not Known	11/05/2017	16/06/2017	1 1	0 13/0:	Yes, 68><1 R>68><81		No Data	Supported Adverse Reaction to nº11 May 2017 the dog was succinated with Nobiusc Rables and Nobiusc 16 for sextice on the left thoracis wall, the other on the right thoracis wall, 2 days later the dog was suddenly very listless and panting. Also the dog had no appetite. The dog was taken to the vet temperature 40.7°, puble and respiratory rate were increased but regular, mucoses were pink. Quite large soft swelling in the right availar segion was present. The vet purctured the swelling, only a small amount of blood one out. The vet first thought it was possibly a bacterial infection. Despite treatment with controcate-roids, antibiotics and NSAIDs, the dog still had a high feer for 3 days. The swelling pread from between the forn legs to the left and right over the thoracis wall. Now the vet thought it might be lymphangits. On 17 May 2017 the dog was eating and drinking again. The temperature was normal, the swelling on the right does was gone, on the left sade the was still present temperature was normal, the swelling on the right does was gone, on the left sade the was still present was all the dog's cost was well it was still restrict was still present was all and discovered enormous teas in the skiff norm the acts to the steamun, only on the left thoracis wall. The wounds were cleaned and flushed and covered with Acedem oiltmen. Further treatment with Symilox tables (manufacility) present the production of the state of the	La brador Retriever	28.5	NOBINYA FABIES - 1N/AN/A, 24.1 Dose 1 Animal (10/2/5017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 11/05/2017 - 1N/AN/A, 24.1 Dose 1 Animal (11/05/2017-11/05/2017) - BR>-6B-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.

	NLD-MERCKMSD-2017-NL-00596	Netherlands	Animal	Canine/dog	4 Month(s)	17/05/2017	23/05/2017	1 1		R> <i <br: BR>-</br: </i 	EBR>YES, R>EBR>EBR> EBR>YES	membrane,Anaphylactic shock,Unable to stand,Vomiting	No Data	Suppercial Advense Reaction, On 17 May 2017, a puppy was vaccinated with Noblwac Ld and Nobbwac Combined Psychocian consequence of the MAH. Causality assessment and commer Distribution and training in circle and elitronasis with Noblwac KC within 5 mituses father as the Could not subcutaneous vaccination, the dog started vomiting with pale to greyich mucous membranes and could not stand anymore. The gipt of anaphylacit sock were immediately treated with flight (NaCI) and 2 A,NANA, 10,00 to 18 mituses in the could not stand anymore. The gipt of anaphylacit sock were immediately treated with flight (NaCI) and 2 A,NANA, 10,00 to 18 mituses in the could not stand anymore. In a final standard in the could not standard not standard not standard in the could not standa
	NLD-MERCKMSD-2017-NL-00609	Netherlands				19/05/2017		1 1	0 21/	R> <i <br< td=""><td></td><td>Muscle pain/Fever,Not eating Not drinking Northing Northing Northing Localised pain NOS (see other 'SOCs' for specific pain)</td><td>No Data</td><td>Suspected Adverse Reaction. On 19 May 2017 the day was varcinated with Noblavoc DHP, Noblavac L. I Rist-coated and Noblava Rables of 20 May 2017 the day was varcinated with Noblavoc DHP, Noblavac L. I Rist-coated and Noblava Rables of 20 May 2017 the day was varcinated with Noblavac DHP, Noblavac L. I Rist-coated Rables of 20 May 2017 the day day was taken to the weekend vet because in the many case of the WMP. Vaccination of 10 to 50 may vet or 20 May 2017. the day day a temperature of 40 Access memorism, on each grade of the WMP. Vaccination of 10 May 2017. the day had a painful neck (didn't want to move it's head to the right). Treatment was started with Albigen and Novacean but no not 2 May 2017. the day had a painful neck (didn't want to move it's head to the right). Treatment was started with Albigen and Novacean but not not 2 May 2017 the day challed because there was not improvement. Using the control of the day was treated with 2-bind products used. No diagnostic tests performed. Other causes are possible, like an and 26 May 2017 the day had read to the right. Treatment was steroid with a high case of the day was treated with 2-bind products used. No diagnostic tests of the day success the value of the day was treated with a high coated and the product used. No diagnostic tests of the day was treated with a high coated with a high coated and the product used. No diagnostic tests was the new to the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated with a h</td></br<></i 		Muscle pain/Fever,Not eating Not drinking Northing Northing Northing Localised pain NOS (see other 'SOCs' for specific pain)	No Data	Suspected Adverse Reaction. On 19 May 2017 the day was varcinated with Noblavoc DHP, Noblavac L. I Rist-coated and Noblava Rables of 20 May 2017 the day was varcinated with Noblavoc DHP, Noblavac L. I Rist-coated and Noblava Rables of 20 May 2017 the day was varcinated with Noblavac DHP, Noblavac L. I Rist-coated Rables of 20 May 2017 the day day was taken to the weekend vet because in the many case of the WMP. Vaccination of 10 to 50 may vet or 20 May 2017. the day day a temperature of 40 Access memorism, on each grade of the WMP. Vaccination of 10 May 2017. the day had a painful neck (didn't want to move it's head to the right). Treatment was started with Albigen and Novacean but no not 2 May 2017. the day had a painful neck (didn't want to move it's head to the right). Treatment was started with Albigen and Novacean but not not 2 May 2017 the day challed because there was not improvement. Using the control of the day was treated with 2-bind products used. No diagnostic tests performed. Other causes are possible, like an and 26 May 2017 the day had read to the right. Treatment was steroid with a high case of the day was treated with 2-bind products used. No diagnostic tests of the day success the value of the day was treated with a high coated and the product used. No diagnostic tests of the day was treated with a high coated with a high coated and the product used. No diagnostic tests was the new to the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated and the product used. No diagnostic tests was performed. Other causes are possible, like an useful to 10 feets of the day was treated with a high coated with a h
	NLD-MERCKMSD-2017-NL-00645	Netherlands	Animal	Canine/dog	10 Year(s)	31/05/2017	01/06/2017	2 1	1 31/		, <b< td=""><td>Spleen rupture.Palle mucous membrane.Headic climbois,AT-tumour (NOS),Malaise,Breathing difficulty,Organ haemorrhage,Death</td><td>No Data</td><td>Suspected Adverse Reaction. On 31 May 2017, two dogs of one household were concomitantly concluded with Nobusca Land Nobbusc CIPP. Three house lister the dog ower called the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because of the vet because</td></b<>	Spleen rupture.Palle mucous membrane.Headic climbois,AT-tumour (NOS),Malaise,Breathing difficulty,Organ haemorrhage,Death	No Data	Suspected Adverse Reaction. On 31 May 2017, two dogs of one household were concomitantly concluded with Nobusca Land Nobbusc CIPP. Three house lister the dog ower called the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because one of the dogs was stelled the vet because of the vet because
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00659	Netherlands	Animal	Canine/dog	10 Month(s)	30/09/2016	21/06/2017	1 1	1 30/	> <bi Yes,• R≻I</bi 	t wn,sBr>sBr BR>sBr>sBr sBr>sBr>sBr>sBr>sBr>sBr>sBr>sBr>sBr>sBr>	Death by euthanasia, Lack of efficacy	No Data	Suspected Effexy, On 21 Oct 2016, at 14 weeks old, a puppy day received the Bover second inculation of a bedole base vaccine (Abova CDHP - 1M/A/M, 24,1 Dose 1 or 1 abova CDHP - 1M/A/M, 24,1 Dose 1 abova CDHP -
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00678	Netherlands	Animal	Canine/dog	5 Year(s)	03/06/2014	12/06/2017	1 1	o 01/	R> <i <br< td=""><td>, («RA≻«BR≻«B «BR≻«BR»«E t>~BR≻«BR»«E t>~BR>YES</td><td>Diarrhoea</td><td>No Data</td><td>Suspected Adverse Reaction. The owner reported to NSD that on 3 Jun 2014 the day was vaccinated. Not with Nothbuck L4, Nobuck DFP and Nobukos CFR and not 7 Jun 2014 the day greated ab booster was character with Marginal Exposition of Nobbwas CFR and not 7 Jun 2014 the day greated and summer of the day of th</td></br<></i 	, («RA≻«BR≻«B «BR≻«BR»«E t>~BR≻«BR»«E t>~BR>YES	Diarrhoea	No Data	Suspected Adverse Reaction. The owner reported to NSD that on 3 Jun 2014 the day was vaccinated. Not with Nothbuck L4, Nobuck DFP and Nobukos CFR and not 7 Jun 2014 the day greated ab booster was character with Marginal Exposition of Nobbwas CFR and not 7 Jun 2014 the day greated and summer of the day of th

NOBIVAC L4	NLD-MERCIXMSD-2017-NL-00683	Netherlands	Animal	Canine/dog	6 Year(s)	21/02/2017	19/06/2017	1 1	L O	01/02/2017	Yes	Diarrhosa, Distension of abdomen, Decreased appetite, Listies, Breathing difficulty, Nauses, Hyposibuminaemi a, Hypoproteinaemia, Fluid in abdomen NOS, Ahonomal utrasound finding	No Data	isspected Adverse Reaction. The owner reported to MSD that the dog was vaccinated with Noblwac L6 in 24 In 2017 and cented a abouter vaccination of Noblwac L6 and 21 Re 2017. In the months collowing the dog's appetite became less and less and the abdomen distended slowly. The owner tried different kinds of food, but the appetite that Stayde poor unit life dog hardly at enthing anymore. On 16 Apr 2017 the dog developed trouble breathing and was therefore taken to the vet immediately, On Intrasound free fluid in the abdomen. The too glob and trouble breathing and disturbation of the control of the con	Continental Toy Spaniel - Papillon (with erect ears)	3.4	Nobhac L4, supersion for injection for dogs - 1,10,41,0,21 Tose 1 Animal (21/02/2017)-6BR-4BP	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality OI.
NOBIVAC L4	NLD-MERCKMS0-2017-NL-00699	Netherlands	Animal	Canine/dog	4 Year(s)	02/06/2017	15/06/2017	1 1	i o	02/06/2017	Yes, <b R>BR> Yes, BR> Yes</b 	Epileptic seizure	No Data	isspected Adverse Reaction, On 2 in 2017, a dog wish seatchasted with hobbac CPP. Hobbac L4 and tobbac Rables. In the following right, the dog had an epileptic seture keying not further specified; he need dog, Jun 2017, the dog had dapptic estuders keying not provide the specified of he need dog. Jun 2017, the dog had dapptic estuders keying not guest. It too belief all sets in his past, the dog had been vaccinated before with hobbac CIPP and hobbac L4, however this was the trist time the dog was vaccinated with hobbac Cabbas. No now information is expected. [Reason for see for product. Generic CIPP LV Brand: NOBINAC DIPP IDILIDS 510 Reason: Vaccination Generic: EPPT-94(CLCAM GPROBRAT) KB Brand: NOBINAC DIPP IDILIDS 540 Reason: Vaccination (Seneric TABLES IN AUL ADULVANT KV Brand: NOBINAC ABBIES 10XIDS 610 Reason: Vaccination [State of health; Good]	Collie Smooth	22.7	NOBIVAC RABIES - 1,N/A,N/A,10,1 ml 1 Animal (02/06/2017-02/06/2017-02/06/2017-02/06/2017-08-NB-NBNbivac DIP-1,N/A,N/A,24,1 Dose 1 Animal (02/06/2017-02/06/2017-)BR> Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml 1 Animal (02/06/2017-08/06/2017)-BR> 	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1-inconclusive.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00720	Netherlands	Animal	Canine/dog	12 Month(s)	19/05/2017	21/06/2017	1 1	1	06/06/2017	Yes, GB>-GB>-GB>-GB>-Yes	Thrombocytopenia, Timesis umultipic Namchoe, Melaena, Biind ness, Collapse (see also Cardiovascular and Systemic disorders'), Mydriasis, Death, Anorex al, Acthargy (see also Central nervous system depression in Neurological'), Coagulopathy, Abnormal test result, Hypoalbuminaemia, Elevated (liver ensymes, Hypoproteinaemia, Haema tochezia, Decubitus, Cardiac arrest tochezia, Decubitus, Cardiac arrest	No Data	superced Lets of Expected Efficacy. On 13 May 2017, a dag was succinated with Nobivac L4 simultaneously administered with succine Nobiosc DMPI, On 5to 2027 in the morning, the dog tartled to show the signs acute vomiting, diarribae foliatile, without blood) and anoreals, and was later hat day presented to the reporting vet. The owner explained to the vet that the right before she ound flower bulks (type of plant unknown) digged out of the ground. The dog was treated yruppromittally with Cerealia (amopptania) and Canlaute Pro, lowwere the dog's beath was further letteriorating facute lethragy with collapse) the next day. Because an corpus allerum was suspected, ne splorative lapsarroun was performed on 5 Jun 2017. Nowever without result. After further letterioration, the dog was send to a specialist on 9 Jun 2017. The dog arrived in lateral descubits where the dog was hospitalized and the following was determined: acute emesis, neleana, neematochesia, highly elevated liver enzymes, hypoproteinemia, hypopalbuminemia, suspicion of isseminated intravascular coaglopathy to (ospolapathy, thromberoptopenia) differential diagnosis: intoxication, leptospirosis, Trosopiasma, Campylobacter, salmonella), blindness (bilateral mydistiss, lateral negates therest effexes) possibly caused by cerebral damage (as result of hematoma, riflammation or infection?). The dog received the following treatments: plasma transfusion, fluid rifluer, amorptism, pantoprazole, metocloparmide, amoxiciliar clavulanic acid, precipionis was positive for 3 of the 4 toolshoc L4 vaccine servours. The titres were not high enough to proof an acute Leptospira infection and fit expected titres after recent vaccination. It is not possible to proof infection to proof of enconwersion in a later blood sample due to death of the dog. No more information is expected. 47 Reason vaccination Generic: DHP LV Brant NOBIVAC DHP 10x105 610 Reason.	Small Munsterlander	17.6	Nobisco TIPP - 1,1M/AN/A, 24, 1 Oses Not applicable 1, Animal (19/05/2017-19/	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive
NOBIVAC L4	NLD-MERCKMSD-2017-NL-00733	Netherlands	Animal	Canine/dog	9 Week(s)	27/06/2017	03/07/2017	1 1	i o	27/06/2017	Yes, <b R~BR> Yes, < BR> Yes</b 	Pale mucous membrane,Emesis (multiple),Rapid pulse rate,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Supported Adverse Reaction, On 27 Jan 2017, a pp mass vaccinated with Nobinsc Pano-C, Nobinsc L4 And Nobinsc K2 Minh 15 minutes after the succinations, the dogs ownfeld Stimes, developed pale mucrous membranes, became lettratigic and had an increased pulse rate. The dog was treated with an rejection of desametabase and recovered rapidly thereafter developed and the state of the projection of desametabase and recovered rapidly thereafter developed in Park PARVO LY BRAND SIAN Romere information is expected. [Reason for use for product: Generic: CANINE PARVO LY BRAND SIAN ROMERO AND REASON Vaccination Generic: EEPT ORIGINATION BRAND SIAN ROMERO AND REASON Vaccination Generic: EEPT ORIGINATION SIAN SIAN ROMERO AND REASON Vaccination Generic: EBC ANINE / PI LB/LV Brand: NOBIVAC KC XXIDS+XXIDS DIL 610 Reason: Vaccination] [State of health: Unknown]	Crossbred	Not Known	Nobivac KC - 1,N/A,N/A,24,1 Dose 1 Animal (27/06/2017- 27/06/2017-BR>-8R>Nobivac L4, suspension for injection for dogs- 1,N/A/N, 24,1 Dose 1 Animal (27/06/2017- 27/06/2017-BR>-6BR>Nobivac Parva-C - 1,N/A,N/A, 24,1 Dose 1 Animal (27/06/2017- 27/06/2018-BR>-8BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.
NOBIVAC L4	NLD-MERCIMISD-2017-NL-00744	Netherlands	Animal	Canine/dog	5 Year(s)	07/06/2017	03/07/2017	1 1	. 0	10/06/2017	No_RR>CBR>CB R>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CB	Decreased activity. Hiding. Shaking. Decreased appetite. In appropriate defecation, Diarrhoea, Vomiting	No Data	isspected Advense Reaction. On 8 Jun 2015 a dog was treated with a Bravecto small dog Chew Z50 mg, administered by the attending etc. No sign observed. On 7 Jun 2017 the dog was vaccinated with wholvac IC. On 10 Jun 2017 the dog was treated with a Bravecto small dog Chew (250 mg) administered by the owner. The tablet was administered in piece; [extra Label Lute]. Immediately life irritake, the dog vomited once. The pieces Bravecto were taken out of the vomitus and again given to the dog [ELLU]. The dog did not vorted signal. One how later the dog started to refer a later the observed the dog started to refer a later the observed the second started to the louse: First stool was normal, later diarrhea. This lasted for 3 days, no treatment was given. Also, the folgs a speriture was not still reduced the fide og only extra tool for he hand). The dog also started to hide places in the house (exact date unknown chosen approx. Jun 2017). During walfsix, the dog does not want tol keep up with the owner. The dog is somewhat shaking. On 3 Jul 2017, the dog was provided. In owner information is expected. 20 20779772 Ct. the following field has been filled according to the information provided in the case narrative: time to onset of reaction (=2 min). Treatment start takes for a first order to the section of the sect	Maltese	10.4	Bravetto 250 mg Chewable tablets for small dog (-4,5-10 kg) - 1,11/A/N/A, 24,1 Tablets 1 Animal (10/06/2017 - 10/06/2017)-6R9-KBR-Noblwac KC-1,1/A/N/A, 24,0 bog 1 Animal (07/06/2017-07/06/2017)-6R9-KBR-Noblwac L4, suspension for injection for dogs-1,1/A/N/A, 24,1 bogs 1 Animal (07/06/2017-08-10-10-10-10-10-10-10-10-10-10-10-10-10-	O1 - Inconclusive	There is an association in time (I days), Reduced appetite is a known possible adverse reaction after vaccination. However, vomitting and diarrhoea are known possible arctions after the use of Bravecto and the time to onset is much closer. Therefore, Bravecto is more likely the cause of these symptoms. Behavioural changes have also been reported before for Bravecto as well as after succination. Overall assessment causality O1-inconclusive.

	NLD-MERCKMSD-2017-NL-00752	Netherlands	Animal	Canine/dog	8 Year(s)	30/06/2017	01/11/2017	1	1 1	01/07/2017	Yes	Behavioural disorder NOS/Inappropriate urination/Partial deafress/Salling/Circling NOS/Inappropriate urination/Partial deafress/Salling/Circling Nosiorders/Salling/Circling Nosiorders/Salling/Circli	No Data	SAR small surgical procedure (unknown which), then vaccinated with Nobbac L4 seeing it had not bee vaccinated for year. The dog is used for hunting. The next feet (J. 14.0 2071) it was taken on a hunting expedition. After L5 minutes the owner found the dog lying on her side, licking with all her legs and forming at the mount. This went on for a few minutes after which the dog show became calm again. When she tried to stand up she fell over and she was circling. Slowly the dog improved but was still no completely stable on her legs. Shortly after the owner and dog arrived back home, the dog lived ascend epodes. The short is shortly a standard to the second epodes with the special standard she was standing up again, the was kicking with L1 Ee, Again this owner of the standard she was standing up again, the was kicking with L1 Ee, Again this owner was standard to the standard she was standing up and a stream of the standard she was standing up again, the was kicking with L1 Ee, Again this She did et an did nich. The next day the improved further and on 3 Jul 2017 she was doing well. But still not completely recovered. The dog will be taken to a specialist, follow-up perfecting. 10 Jul 2017 (east date unknown) a small wart was surgically removed from one eyeld. The dog also has severe ottiss externs in the left ear (recended with Eastols). During check up on 30 Jun lar fear was so, but the right car was questionable. On 30 Jun vaccinated with Nobbac L4. On 11 Jul 2017 dog taken to the vet. Owner notices a small Improvement in recovery but at the vet the dog as circling to the left. General examination: No abnormalities in posture reflex or proprioception. Mensace reflex right is negative, left is positive, sound light take the dog appears not to hear/small it while on the left side the dog in the standard of the school of the right side dog appears not to hear/small it while on the left side the dog in mediated with standard containment of the control of the school of the left side the dog in the school of the cont	Retriever	Not Known	for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal 130/65/27-3 30/05/2017/∈BR≻∈BR>	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
NOBIVAC L4	NLO-MERCIONSO-2017-NI-00798	Netherlands	Animal	Canine/dog	9 Week(s)	22/06/2017	14/09/2017	1	1 0	24/06/2017	Yes, 	Lack of response to owner,Tonic seizure	No Data	Saspected Alverse Reaction. On 22 Jun 2017, a puppy dog was presented to the vet for vaccination with hobitor. Parvo. 2nd Nobbios Ld. Alox a Brawcott Chew 250 mg tablet vas guntrased that day, which was given to the dog by the owner in the monting fexact date of application is unknown, choser for the day after purchase 23 Jun 2017. The same day the dogs was treated with Bravesto Chew, the dog land a kind of setture in the evening (chosen 12 hours as time of onest). The vet had advised to treat the day with Millemans for dewoming 2 days after vaccination, unknown if this was often therefore not added as product. More information is requested, Follow-up on 17 Jul 2017. Correction the dog was treated with Millemans as was advised by the vet of the day was treated with Millemans as was advised by the vet. That evening, while the day was valided with the Errorect on the fact, the pump you sidely fossible and was not reagonding to the owner for a minute. 6-10-17 CA changed Most recent info date. No more information is expected. [Reason for use for product. Generic: LURIAN IMER CHEW THAT BEST Brad. BRAVICTO 250MG IXITAR ELIS Resson: Flexification for learner's LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC ADMINAC 2010.15510 Reason: Vaccination Generic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC ADMINAC 2010.15510 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC ADMINAC 24 DOLDS 547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC ADMINAC 24 DOLDS 547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Sentic: LEPTO*4 (CT_CAM_GRIPP_BRAY) X Branch NOBINAC 2400-2547 Reason: Vaccination (Se	Flanders Cattle Dog	8.8	Bravetto 220 mg chewable tablets for small dosp-6,4-5 lb g) . JN/AN/A 24,1 Tablets Not applicable 1. Animal (2406/2017-24/06/2017-888-NeBN-NotNac L4, suppension for injection for dosp-1. JN/AN/A 1.0.1 m Not applicable 1 Animal 220/60/2017-22/06/2017-888-NeBN-NotNac Parence—1.N/AN/A, 24,1 Dose Not applicable 1 Animal (220/60/2017-888-NeBN-NotNac Parence—1.N/AN/A, 24,1 Dose Not applicable 1 Animal (22/06/2017-22/06/2017-888-NeBN-NotNac Parence—1.N/AN/A, 24,1 Dose Not applicable 1 Animal (22/06/2017-22/06/2017-888-NeBN-NotNac Parence—1.N/AN-A, 24,1 Dose Not applicable 1 Animal (22/06/2017-22/06/2017-888-NeBN-NotNac Parence—1.N/AN-A, 24,1 Dose Not applicable 1 Animal (22/06/2017-22/06/2017)	O1 - Inconclusive	Ca agrees with causality comments of the MAH remaining in againment of ausality assessment from Ointo 01 - Inconclusive.
NOBIVAC L4	N.I.D-MERCIMISD-2017-NI-00800	Netherlands	Animal	Canine/dog	3 Month(s)	07/07/2017	12/07/2017	1	1 1	01/03/2017	Yeş, <br< td=""><td>Vocalsation Congenital cardiovascular disorder NOS,Drooling Hepastic encephalopathy, Head dit - neurological disorder Abnormal breating. Death by eurhansia Appetite loss, Bloated stomach, Atlanta</td><td>No Data</td><td>Supected Alverse Reaction On \$1 Jun 2017 a pup (pinh trus, \$1m) was brought home. It bumped into objects. On \$7 Jul 2017 at 12.30 p.m. the dogs was vaccinated with Noblove L and Noblove Fanne-C. Concomitant use with other products is unknown. Pupil reflexes were fine. In the evening the dog started drooling a lot (the complete cheek was welt). It still sea. The symptoms became worse and the dog was hospitalized on 12 Jul 2017. The dog did not est that day and by still during hospitalization. Pupil reflexes were fine but the dog bumped into objects and was stactlt. The owner reported already before vaccination that the dog bumped into objects from time to time and think: It has impaired vision. On 14 Jul 2017 the dog was doing the again (the same as before vaccination according the owner). It appeared this was only for one day. The dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control of the owners. It appeared this was only for one day. In display, the dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control of the dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control her bed ledge, was blind. Lumed the head to the neck, squaseled with opening the mouth, gasped, was a tackle and had a swollens stomach. Moracosopic results, eight orbit not completely developed, protrousion of cerebellum arrows spinal cord, broadened interventebral discs. Microscopic results: a word of the competition of the competiti</td><td>Shih Tzu</td><td>2.15</td><td>Noblact L4, suspension for injection for for object. NAN,NAIN A 2,4U inknown Unknown (07/07/2017- 07/07/2017-R688-Noblact Paro-C - NA,NI,NA, 2,2U inknown (10/07/2017- 07/07/2017-R68-BR)</td><td>N - Unlikely</td><td>CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely</td></br<>	Vocalsation Congenital cardiovascular disorder NOS,Drooling Hepastic encephalopathy, Head dit - neurological disorder Abnormal breating. Death by eurhansia Appetite loss, Bloated stomach, Atlanta	No Data	Supected Alverse Reaction On \$1 Jun 2017 a pup (pinh trus, \$1m) was brought home. It bumped into objects. On \$7 Jul 2017 at 12.30 p.m. the dogs was vaccinated with Noblove L and Noblove Fanne-C. Concomitant use with other products is unknown. Pupil reflexes were fine. In the evening the dog started drooling a lot (the complete cheek was welt). It still sea. The symptoms became worse and the dog was hospitalized on 12 Jul 2017. The dog did not est that day and by still during hospitalization. Pupil reflexes were fine but the dog bumped into objects and was stactlt. The owner reported already before vaccination that the dog bumped into objects from time to time and think: It has impaired vision. On 14 Jul 2017 the dog was doing the again (the same as before vaccination according the owner). It appeared this was only for one day. The dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control of the owners. It appeared this was only for one day. In display, the dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control of the dog became bad again and was euthanized (17 Jul 2017) primitismay strengths and the control her bed ledge, was blind. Lumed the head to the neck, squaseled with opening the mouth, gasped, was a tackle and had a swollens stomach. Moracosopic results, eight orbit not completely developed, protrousion of cerebellum arrows spinal cord, broadened interventebral discs. Microscopic results: a word of the competition of the competiti	Shih Tzu	2.15	Noblact L4, suspension for injection for for object. NAN,NAIN A 2,4U inknown Unknown (07/07/2017- 07/07/2017-R688-Noblact Paro-C - NA,NI,NA, 2,2U inknown (10/07/2017- 07/07/2017-R68-BR)	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely
NOBIVAC L4	NLD-MERCIXMSD-2017-NL-00876	Netherlands	Animal	Canine/dog	12 Week(s)	02/08/2017	03/08/2017	1	1 0	02/08/2017	Not Known,
 OR Not Known</br 	Anaphylaxis, Vomiting, Pale mucous membrane, Shock	Not Known	Supports Adversor Reaction On 2 Aug 2017, a 21 weeks old puppy day was succinated with Noblosc DIPP and Noblosc LD by one injection. Within 0 minutes after the administration of the vaccines, the dog started womining and the mucous membranes became pale. The animal went into a shock immediately a brainle was placed and adrenaline was administrated, whereafter the dog a public attended recovering. The mucous membranes turned pink again and the day was immediately much attended recovering. The mucous membranes turned pink again and the day was investigated and public approach to the property of the pr	German Spitz Pomeranian	1.98	Beblas DIP _1N/A/N/A 2.1 Dose Unicrom1 1A-min (0/08/0017- 02/08/2017-8R48R-Noblas L 4, suspension for rigetton for digs- 1.4/NA/A J.D. mt Unknown 1 A-mins (02/08/2017-8R8RP-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.
NOBIVAC L4	NLO-MERCIONSO-2017-NL-00879	Netherlands	Animal	Canine/dog	12 Week(s)	04/08/2017	04/08/2017	1	1 0	04/08/2017	Yes, 	Anaphylactic shock	No Data	Sepected Adverse Reaction. On a Aug 2017 at half past one in the afternoon, an jaimost J1 s-weeks old Lahradooffe purpy dog was vascucified with Noblace Parc-O., Robbies L4 and Nobbes KC. Wilhing a few minutes after vaccination (chosen approx. 3 minutes), the dog had an anaphylactic shock on the examination table, for which the dog was recovered. Note: the combination of the administered vaccine is not according to the normal advised schedule in The Netherlands (but not off lebel). This was the choice of the velt based on incomplete information about earlier vaccinations at 9 weeks old calministered part of the velt based on incomplete information about earlier vaccinations at 9 weeks old calministered part of the velt based on incomplete information about earlier vaccinations at 9 weeks old calministered part of the velt based on incomplete mortiformation should earlier vaccinations at 9 weeks off product: Generic CANINE PARVO I years AN OBBIVAC EAT ORD REASON I Vaccination Generic: EETO*4QEC.CANINE PARVO I Years AN OBBIVAC L4 10XID5 547 Reason: Vaccination Generic: EETO*4QEC.CANINE PARVO I YEAR AND SEARCH CANINES PARVO I TENDED STORED REASON Vaccination (Seneric: BECANINE PARVO I TENDED STORED STORE	Other Canine/dog	7.6	Nebbuc KF - A,N/A,N/A, 10,0.4 m Not applicable 1- Animal [04/08/2017-0 04/08/2017-0 04/08/2017-18888-NebNobvac L4, suspension for injection for dogs - N/A,N/A,N/A P,N/A to applicable [04/08/2017-0 04/08/2017-08-88-NebNobvac Parvo-C - 1,N/A,N/A, 24,1 Dose Not applicable 1- Animal (94/08/2017- 04/08/2017)-BR>-BR>-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B - Possible.

	NLD-MERCIONSD-2017-NL-00899 NLD-MERCIONSD-2017-NL-00901	Netherlands	Animal	Canine/dog	14 Month(s) 12 Week(s)	12/08/2016	11/08/2017	1 1	0 10/08 0 12/08	2017 Yes, BR>BR R>BR>BR>BR>BR>CBR>Yes BR>Yes PR>Yes 2016 Yes, BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B	es, weakness, Hyperthermia, Diarrhoea	No Data	Saspected Adverse Reaction. On 10 Aug. 2017, a dog was vaccinated with Nobivac L1, Nobivac DHP an Nobivac KT. Twenty minutes after vaccination, the dogs howed severe weakines in the legs, pale mucous membranes are diarrhea. T-39.7. The dog was intravenously treated with Rapideson. After a municise the dog was recovered. The mucous membranes had tumed prink again and the body temperature was lowered to 7-38.6. In the past, as a puppe, this dog also reacted after vaccination, PV case 2017-14.09931, No more information is expected. Reason for use for product: Generic: DHP LV Brand: NOBINAC LPD INIDIO 50.10 Reason. Vaccination Generic: BCTOP4 (ICT.CAM, GRIPP, BATA) Was Ramik ROBINAC LA STATE CANIBLE, PL II. BATA STATE CANIBLE, PL II. BATA STATE CANIBLE, PL III. BATA STATE CANIBLE CANIBLE CANIBLE, PL III. BATA STATE CANIBLE	d Crossbred Crossbred Crossbred	Not Known	Nebiwa C HP - 1.N/A.N/A 24.1 Dose Not applicable 1 Annual [10/08/2017-10/08/2017-10/08/2017-10/08/2017-16-88-H8-Nobiwac K C - 4.N/A.N/A 1.0.0 or mi Not applicable 1 Animal [10/08/2017-10/		CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible. CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.
													ortsvenously treated with Ragidation, whereafter the dog recovered the same evening (Chosen approx. 2 hours as durinos light). Ayes intellect the dog recovered the same evening (Chosen approx. 2 hours as durinos light). A	-		12/08/2016) Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,1 ml Not applicable 1 Animal (12/08/2016- 12/08/2016) 		
	NLD-MERCIONSO-2017-NL-00916	Netherlands		Canine/dog	3 Month(s)	14/08/2017		1 1	0 14/08	R> 	es temperature,Shivering,Shaking,Dul	No Data	Suspected Adverse Reaction. On 14 Aug 2017, is to 'clock at night, a puppy dog was vaccinated with Nobbacc DHF and Nobbuc L4. The puppy had to lot file sat a that moment (Bravetto Chew was purchased at the same consultation, however not administered yet at time of report). At 8 o'clock at night, the owner phonend the vett: the dows an shaling/hishwering (approx. 2 hours, chosen as time to onset signs). At arrival at the clinic (exact time unknown), the dog had become very dull, not alert and had a body temperature of 35.6 degrees. Celsius (chosen ame time of onest signs). The vet treated to puppy with an injection decamenblasone. Thirty mindes blert, the dog was standing on his legs again, could waik and saw responding with alertices signal (chosen sport. 3 hours a relation of the signs). Nobback CK without any problems. No more information is expected. [Reason for use for product: Generic: DHP U Brade N DBINAC DHP (2010) 65 Bio Reason. Vaccination Generic LEPTO*QICT_CAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10X105 547. Reason: Vaccination [I State of health: Goodl	Crossbred e	9.3	Nobiac DIP - 1.N/A/N/A 24, Dose 1 Arimal [14/05/2017] 14/08/2017-6R-8B-Nobiac L4, saspension for injection for dags - 1.N/A/N/A 24, 1 Dose 1 Arimal [14/08/2017-14/08/2017/sBR-sBR-		CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
NOBIVAC L4	NLD-MERCRASSO-2017-NL-00937	Netherlands	Animal	Canine/dog	9 Week(s)	22/08/2017	25/08/2017	2 1	0 22/08	Known, > < Yes, <br< td=""><td></td><td>No Data</td><td>Saspected Adverse Reaction. On 22 Aug 2017, two puppy dogs (male siblings) were vaccinated with Nobbace La and Nobbace Favor-C. One puppy was very nervous and hyperactive at time of vaccination (wanted to jump from the table). Two minutes after vaccination, this puppy defecated and univated in the consultation room. Another 3 minutes later the puppy commed 3 times. Subsequently the dog became apathetic, lay down and developed pale mucous membranes. Five minutes after the vomiting had started, the dog was treated with a Beamethisaone injection. Half a hour fair the deamethisaone injection, the mucous membranes were pink again and the dog became active again. One hour after the injection they pupp was walking around and taken home. Despite the corticostero treatment, the dog did develop swollen eyellids and swollen lips at home (time to onset unknown, chosen 2 hours after vaccination). When the dog was taken back to the clinic, the swelling was aftered preventioned and the compact of the control of</td><td>Crossbred d</td><td>9.8</td><td>Milbems - 1,M/A/N, 24,1 Tablets Unknown Unknown (15/08/2017 - 15/08/2017):eRPMB-Nobbws L 4, suspension for injection for dogs - 1,N/A/N, 2-4,1 Dose 1 Animal (22/08/2017 - 22/08/2017):eRPMB-Nobbws Paro-C - 1,N/A/N, 2-4,1 Dose 1 Animal (22/08/2017 - 22/08/2017 -</td><td>B - Possible</td><td>CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible</td></br<>		No Data	Saspected Adverse Reaction. On 22 Aug 2017, two puppy dogs (male siblings) were vaccinated with Nobbace La and Nobbace Favor-C. One puppy was very nervous and hyperactive at time of vaccination (wanted to jump from the table). Two minutes after vaccination, this puppy defecated and univated in the consultation room. Another 3 minutes later the puppy commed 3 times. Subsequently the dog became apathetic, lay down and developed pale mucous membranes. Five minutes after the vomiting had started, the dog was treated with a Beamethisaone injection. Half a hour fair the deamethisaone injection, the mucous membranes were pink again and the dog became active again. One hour after the injection they pupp was walking around and taken home. Despite the corticostero treatment, the dog did develop swollen eyellids and swollen lips at home (time to onset unknown, chosen 2 hours after vaccination). When the dog was taken back to the clinic, the swelling was aftered preventioned and the compact of the control of	Crossbred d	9.8	Milbems - 1,M/A/N, 24,1 Tablets Unknown Unknown (15/08/2017 - 15/08/2017):eRPMB-Nobbws L 4, suspension for injection for dogs - 1,N/A/N, 2-4,1 Dose 1 Animal (22/08/2017 - 22/08/2017):eRPMB-Nobbws Paro-C - 1,N/A/N, 2-4,1 Dose 1 Animal (22/08/2017 - 22/08/2017 -	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
	NLD-MERCISMSD-2017-NL-00940	Netherlands	Animal		12 Week(s)	22/08/2017	19/09/2017	1	1 25/08	Yes, ≺BR R>≺BR>≺BR>	«B Tachycardia.lejunitis, Bloody es diarrhoea, Enteritis, Death, Septica mia Spleen hypertrophy, Nucous stool.tateral recumbency, Apathy, Liver disorder NOSAhornan hecropy finding. Enlarged lymph nodes (generalised).Congestive heart fallure, Shock	No Data	Saspected Adverse Reaction. On 22 Aug. 2017, a puppy dog was vaccinated with Noblwac DHP (for the first time) and Noblwac L16 (for the second time). On 25 Aug. 2017 in the evening, the dog was brought into the clinic with emergency; shock, lateral decubitor, apathetic, tachyardia (auscultation), bloody and slimy disturbs, = 1,757. The dog was immediately hospitalized, put on an inflive and received treatment for shock. Because the dog had gossibly eaten something bad, the dog was treated with norm. The dog's fees was extremely sour-smelling and saline, covered with mounts membrane and some blood. The puppy was treated with Neurotrana, Norrit, Cerenia (injection) and Metronidazole. The dog died the next morning. The vet performed an autopy herself, with the following findings: severely woollen and inflamed janume. Tailarged memeriter, lymph nodes. Clearly visible Peyerian particles in other gate segenetis. Empty stormach. Intensities content but, however discoloration by the norrit. No parasites visible, faces to foration test also negative. Slightly congested heart, slightly enlarge spales, pale laver, and and send to the laboration, Results are pending. The breader of the dog blames the L4 vaccination, therefore the owner wanted the vet to report the adverse event. Follow-up on 131-195e; 2017. Addition of problem type Suspected tack of expected efficacy (signats Parvovirus infection) Patho- histology result of a jejunnus amplier observatorists sause by spalinst Parvovirus infection (Patho- histology result of a jejunnus amplier observatorists sause by province, and are certain suitable province, and certain suitabl		9.5	Nebiwa CHP - 1.N/A.N/A 1. Dose Not applicable 1. Annual 12/10/8/2017- 22/08/2017-88R-VBR-Nobiwac L4, suspension for injection for dogs - 1.N/A/A/A.10.11 mNot applicable 1 Animal 12/08/2017-8R-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VB	O1 - Inconclusive	SAR: Reasonable association in time (3 days). Neccopy findings point on inifections enterits (possibly Paroly with septicemia and death as result (possibly Paroly) with septicemia and death as result whitelipe products used. Lab results pending, Other causes are possible, including an underlying disease, but product involvement can't be fully excluded. Therefore causality O.1 - Inconclusive - SLEE: Notbuse Lab does not claim to protect against paro virtu. Therefore, causality N Unlikely. Overall causality O.1 - Inconclusive.
NOBIVAC L4	NLD-MERCIONSD-2017-NL-00952	Netherlands	Animal	Canine/dog	6 Month(s)	31/08/2017	01/09/2017	1 1	0 31/08	2017 Yes, SRN>BR R>SBR>BR>SBR>BR>SBR>BR>SBR>BR>SBR>Yes R>SBR>Yes	es, >< B	No Data	Espectacl diverse Reaction, On 31 Aug. 2007, a dag was treated by its owner with one bable Bravect. Cheer 500 mg, after the day was vaccinated with Nobibou. Chee P. Nobibou. Car do Mobibou. Le dearlier the day at the clinic. According to the owner, 45 minutes after Bravecto intake, the dag started shaking he had a Parkinson allier motion of shaking—on. This continued or 1.5 to 2 hours, where after the day was recovered without treatment. The vet has not seen the dag since the head shaking, however ascording to the owner the dag was esting normal, had a normal consciousness, did not vormit, had not durnhea and showed no attakis or nystagmus. Dog's history and origin: dog is a border colle-like cross bred from Hullagns, supposably born on 28 feb 2017, however based on detail examination the vet estimated the dog to be one monthly ourget (therefore chosen date of birth approximately Mar 2017) No abnormalities were observed at health check. Supposably, the dog was vaccinated approximately for week and promotion of the product. General: TURLAMENET CHATT TRAILERS THAT IN THE CHATT TRAILERS THAT THE CHATT TRAILERS THAT THE CHATT THAT THAT THAT THAT THE CHATT THAT THE CHATT THAT THAT THAT THAT THAT THAT THA		15.6	Basecto 500 mg chewable tablets for medium-sated dags 1-10.20 kg)- 1JN/AN/A 24.1 Tablets Not applicable 1 Animal 13/108/2017- 31/08/2017-BRBR-Nobbwac DHP- 1JN/AN/A 24.1 Does Not applicable 1 Animal [31/08/2017- 31/08/2017-BRBB-Nobbwac CHP- 1JN/AN/A 24.0 nos Not applicable 1 Animal [31/08/2017- 31/08/2017-BRBB-Nobbwac KC- AN/AN/A 1,0.0 n m Not applicable 1 Animal [31/08/2017-BBBB-Nobbwac L4, suspension for injection for dogs- 1JN/AN/A 1,0.1 nm Not applicable 1 31/08/2017-BBBB-Nobbwac L4, suspension for injection for dogs-	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality 01 - Inconclusive.

NOBIVAC L	4 NLD-MERCKMSD-2017-NL-00957	Netherlands	Astron	Canine/dog	14 Week(s)	01/09/2017	04/09/2017	-,-	0 02/09/2	17 Yes. <	B Leucocytosis.Vomiting.Dull.Increas	No Data	Suspected Adverse Reaction. On 1 Sep 2017, a 14 weeks old puppy dog was vaccinated with Nobivac	Crossbred	11	Nobivac DHP - 1,N/A,N/A,24,1 Dose	04 (Close association in time (the next day). Clinical signs
										R> Ye	e d salivation, Elevated C-reactive protein, Elevated temperature		DPP and Noblava Lt. The next day, the dog became very dall and vomited once. Another day later [J 509 2017] the dog uss still very dall and presented to the ext, who observed the following: T=40.8, increased salivation and duliness. The dog was treated with Cerenia, Rimady, glucose and infue. That evening the dog ded as some dog food and the body temperature dropped to T=38.8. The following morning, however, the temperature was up again to T=40.2, where after the dog was hospitalized for treatment with influe and Rimady. The next day (5.9 pg. 2017) the dog was obiging at little better (bog) temperature had dropped again), however still much too calm compared to the dog's usual behavior. Bodd tests are pending. The dog was and opport at 10 weeks of and has not been sick nor received any treatments since then, besides vaccination with Nobbuc 24 and Nobbuc Parvo C at the age of 11 week for preactions observed then, Pillowine by pending, Follow you nil 35ep 2017. Blood test results: agent of inflammation (increased CRP and teucocytes) at unknown location, the meantime the dog has recovered. No more information is expected. Case has been upgraded to service due to hospitalization and inflammation. All October 2017. Chaiged Octomer Cenging into consideration of the control of the c		Known	1 Animal (01/09/2017- 01/09/2017)-Re-BR-hobbard L4, suspension for injection for dogs - 1,N/A/N/A 24.1 Does 1 Animal (01/09/2017-01/09/2017)-BRBR-		are party mentioned in the SPC of the VMP. Vaccines are known to possibly cause or trigger systemic reactions. Multiple products used. Other causes are possible, like an underlying infection, but product involvement can not be fully excluded. Therefore causality O1 - Inconclusive
NOBIVAC L	4 NLD-MERCKMSD-2017-NL-00967	Netherlands	Animal	Canine/dog	4 Month(s)	17/08/2017	07/09/2017	1 1	0 17/08/2	17 Yes, >FR>Per		No Data	Sospected Adverse Reaction. On 17 Aug 2017, a dog was vaccinated with Noblova CIPB and Noblova CI. A A few hours later (Jones an proximately 2-buors), the dog suddenly became duit, leveloped lungs all over the body and vomited a few times. The vet observed swollen eye(57), urticaria and tach;cardia and treated the dog with an injection descentationson and with Tavgall. Within 2 hours after treatment, the lumps had fully disappeared (choien approx. 2 hours as duration of signs). At the age of 9 weeks, the dog was vaccinized with hobbox – Powor - Can Mothovat Cut without problems (the owner frograt to bring the dog back in for follow-up vaccinations at the age of 12 weeks), No more information a expected. (Resont for seek for product Generic CipP LV Brain Mothovic CipP Listin Sci (IR Resont Vaccination) (State of health Coold)	Miniature Dachshund		Nobivac DHP - 1,N/A,N/A, 24,1 Dose 1 Animal (17/08/2017- 17/08/2017)-BR-SBR-Nobivac L4, suspension for injection for dogs -1,N/A,N/A, 24,1 Dose 1 Animal (17/08/2017-17/08/2017)-BR> 	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
NOBIVAC L	4 NLD-MERCKMSD-2017-NL-00973	Netherlands	Animal	Canine/dog	12 Month(s)	09/11/2016	23/10/2017	1 1	1 02/09/2	127 Yes, cBP-dB1-EP- Yes, cBP-dB1-EP- GB1-GB2-GB3-GB3-GB3-GB3-GB3-GB3-GB3-GB3-GB3-GB3		No Data	Sepected Lack of Expected Efficacy against Leptopriposis. On 30 Nov 2015, at 12 weeks oid, a dog had received the second innociation of a twofold back vaccination with Nobbacc L Book place 3 weeks earlier on 9 Nov 2016 (simulaneously administered with Nobbacc L Book place 3 weeks earlier on 9 Nov 2016 (simulaneously administered with Nobbacc Libox place 3 weeks earlier on 9 Nov 2016 (simulaneously administered with vaccine Nobbacc Paro-C and oncornerity with the intransal vaccination with Nobbacc KC). On 4 Sep 2017, the dog (almost 1 year old) was presented to the vet. It had not eater for 2 days and when I finally also sometime place volume 1 of the second of the s	Labrador Retriever	24.8	Nabiwa ChiP - 1.N/A.N/A 24.1 Dose Not applicable 1 Animal (20/11/2016-10/11/2	B - Possible	There is an association in time (signs started 9 months after correct vaccination according 50°C- within expected DOI). The PCR result of blood was negative for teptospira. Result MAT Tests: serving of the dog was negative for all tested Leptospira servours, altheit L. bratislava test was not performed. Time of sampling date was 5 September, one day before the date the dog was presented to the vest and already was if for 21 days. This date coad be quite short for interpreting a continued of the service of the s
NOBIVAC L	4 NLO-MERCKMSO-2017-NL-01007	Netherlands	Arimal	Canine/dog	10 Week(s)	21/09/2017	08/11/2017	1 1	1 24/09/2		B ness,Abnormal movement NOS,Not	No Data	Sepected Adverse Reaction A, puppy dag was treated with Millberna for deverming on 15 Sep 2017 and vaccinated with Nobinez La and volobez-Parov-Co at 15 pp. 2017. On 24 Sep 2017 in the antivation Nobinez La and volobez-Parov-Co at 15 pp. 2017. On 24 Sep 2017 in the antivation, the dog became dult, did not eat and volomited. The dog had a normal defectation and did still did not. On 25 Sep 2017 the the noming, the dog was presented to the vet. T=33. 3.0 Sep is not dehydrated, abdomen is Headle, no abdominal pain. The dog was injected with Cerenia and Metacam and send home. Metacam for use at home was provided. In the afference, the dog had not not only an adverted with Roger lactate and glucose by felicions, subcutaneous administration of fluids and another. Gerenia vingerion. The puppy reacted well to the treatments, was vivid again and had eaters a little bit. T=38.5. Therefore the dog was talent home. This same evening the dog had walked and defended. During the compution of the service of the dog was presented to the vet again: impaired consistences, any other and was vocalizing. The dog was presented to the vet again: impaired consistences, any other and was vocalized to the versely. Fluid was administered subcutaneously. Dog was vomitting more and more fluids and started to make cycling movements, whereas ther the dog was administered valium. The dog was calming down, however passed away shorly thereafter. According to the vet, the symptoms resembled as reverse gastro-intensitian lifection. Paron better the dog was administered valium. The dog was calming down, however passed away shorly thereafter. According to the vet, the symptoms resembled as reverse gastro-intensitian in distinct zonal pattern. Follow-up is pending. UPDAT 2.2 No 2017-190 lever on 5 Oct 2017. The concentration of the vet the support particular Armantum sp.), blue aligne intoxication and paracetamelo leveledos. Given the persuate discussed with the dog owner, who is convinced that the dog can not have been exposed to be adjusted and par	Aug	2.77	Millbems Tablet Dog : LNA.1 Months, NJ., Junkows mig/leg (1s/09/2017- 1s/09/2017- 1s/09/20	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely.

NOBIVAC L4	NLD-MERCKMSD-2017-NL-01			mal C	anine/dog	12 Week(s)	18/09/2017	28/09/2017	1	1 0:	18/09/2017	Yes,cBr>cBr R>SBr>cBr>es, cBr>cBr>dBr>dBr>dBr>dBr>dBr>dBr>dBr>dBr>dBr>d	Rolling, Swollen eye, Itching, Facial swelling (see also Skin), Vomiting, Increased Skin), Vomiting, Increased waywing, Amely, Hugapropriate defecation, Pale mucous membrane. Slow heart rate	No Data	Superted Adverse Reaction. On 18 Sep 2017, a puppy dog was vaccinated with Noblace DRF, Noblac Ld and Noblace X. Immediately after excustation (focuses in minute as time of onnetly, while still in the consultation room, the dog started to yawn, had a pale tongue and slow heart rate. While standing at the counter (for payment) (focuses 15 minutes as time of onnest), the dog develoard and right away the tongue became pink again and the heart rate went up (back to nomal). During the walk back home, the dog was nomal, Upon arrival back home (shoses 10 minutes as time of onnest, the dog venture, was in a paint and started rolling (due to Itching). At a quarter to seven that evening (time to urset unknown, focuses 10 minutes) and the service of the started venture of the started reling (due to Itching). At a quarter to seven that evening (time to urset unknown, focuses 10 minutes) and the started venture of the	Tibetan Terrie	r 4.9	Neblac DIP - 1.N/A/N/A 24.1 Dose 1. Arimal (18/09/2017) - 1. Arimal (18/09/2017) - 18/09/2017) - 18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017-18/09/2017	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01	028 Netherli	Aniinds Aniin	mal C	Canine/dog	10 Year(s)	01/08/2017	03/10/2017	1	1 1 (01/08/2017	Yes	Death,Not eating,Vorniting,Diarrhoea	No Data	Superted Adverse Reaction. Report obtained from a social media website. A Dutch dog owner posted on 19 Sep 2017 on the internet that his dog was vaccinated with Noblace L1 an 1920.2171. The dog was healthly at moment of vaccination, however in the past the dog had suffered from a long-term fliness that had started 2.0 a weeks after Noblace L4 vaccination in 2016 (diagnosed as severe gastroenterists, separately reported in 2017-NL-01030). Two weeks after the vaccination in Aug 2017, the dog showed the same signs as after the Noblack L4 vaccination in 2015, which were not eating anymore, vomiting and diarrhea (chosen also Aug 2017 for time of onest signs). According to the owner, the dog received the same medication as last year, which were artibiotics and predision. Despite treatment the dog deed on 18 Sep 2017 (the owner described that the dog deed in his arms and did not mention in the word esthanash). The owner stated also that the dog plad also been vomiting and had diarrhea in Jan 2015 and Apz 2015, long before the vaccination in 2016 (unknown if the dog received that other than 19 American that the contraction of the vaccination of the very contracting the owner the very downer to cackled anymore that both AFs might be related to the vaccination, Statengts are made to obtain more information. Follow-up is pereinfly, Resoan for use for product: Generic: LETPO*4[CT_CAG_KGRIPP,BRAT] XIB Brand: NOBIVAC L4 10XIDS 547 Resson: Vaccination] (State of health: Good)	French Bulldoj	g Not Known	Noblwa L.4, suspension for injection for dogs. 11/A/M, Za.1 Dose 1 Animal (01/08/2017) O1/08/2017)-BR> 	O1 - Inconclusive	No strong association in time. Vaccines are known to possibly cause or trigger systemic reactions. Clinical signs (reduced appetite) are partly mentioned in the SPS of the Myral selt time to most eight outlet long. Other causes are possible, like an underlying condition/lilens of the dop but product involvement could not be fully excluded. Therefore, causality O1-inconclusive.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01	030 Netherli	lands Anir	mal C	canine/dog	9 Year(s)	01/08/2016	03/10/2017	1	1 0	01/09/2016	Yes	Diarrhoea Gastroenteritis, Vomiting, Not eating	No Data	Supercted Adverse Reaction. Report obtained from a social media website. This case is related to a more recent AE that Occurred in spa 2017 (gastwintestinal sign, outcome: deskill, reported in 2017.4) (2018.) a flow of the control	French Bulldo	g Not Known	Nobwac L4, suspension for injection for dops - 1,NA/A, 24,1 Dose 1 Animal (01/08/2016- 01/08/2016)-BR>-BR>	O1 - Inconclusive	No strong association in time. Vaccines are known to possibly cause or frigger systemic reactions. Clinical signs (reduced appetite) are partly mentioned in the Ser of the VMPs alter time to most is guite long. Other causes are possible, like an underlying condition/lilense of the dop, but product involvement could not be fully excluded. Therefore, causality O1-inconclusive.
NOBIVAC L4					Canine/dog	6 Year(s)	30/07/2017	03/10/2017	1			R> <ps< td=""><td>Cardiomyopathy, Heart murmur, Panting, Death, Weight loss</td><td>No Data</td><td>Supercited Adverse Reaction. On 17 Au 2015 the dog was treated with Bravecto Extra Large Dog, In the 12 months following the initiate of Bravecto, the dog started onioning weight. In 10 months time the dog went from 45.6 kg to 35.9 kg. 11 months after the Initiate of Bravecto, the dog developed parting after physical exercise and it would the traite equit as white before the dog was call analyn. The dog had always had a good stamina. In Jun 2016 the dog was taken to the vet for a vaccination. The vet notice a heart murmur on general physical exercise. A manifestion to the vet for a vaccination. The vet notice a heart murmur on general physical exercise, and the parting after physical exercise, a cardiac ultrasound was performed. This lead to the diagnosis of distred cardiomycepathy (DCM). Treatment was started with Cardisure (gimechendan), On 30 Jul 2017 the dog was taken to the vet again for 1% yearly vaccination. The dog was doing well at that time, it even went running with the owner again. On 3 May 2017 the dog defice. According to the vet, the dog just developed DCM which is seen guite often in large dog breeds. The vet thinks this has nothing to do with Bravecto. No further information expected. Follow-up [13 COL 2017; the vaccination which was administered to the dog 13 Jul 2017 was Volbiva C. L. DCM is mostly seen in dogs older than 3 years and weigh more than 20g, Also DCM is seen more often in several beness, among which the Bouwless of Enranders. No further information expected. [Reason for use for product. Generic: ELTPO-ALMRE CHEW TABLETS Brand: BRAVECTO 1400MOS LUTTAB EUT Reason: Peaks increasing [13 tate of health-Good]</td><td>Flanders Cattle Dog</td><td></td><td>Brawetto 1400 mg chewable tablets for very large dogs: 640–56 kg J 1N/A,N/A, 24,1 Tablets 1 Animal (17/07/2015-17/07/2015)-RR-N-Rb-Nobbyac L4, suspension for injection for dogs − 1N/A,N/A, 24,1 Dose 1 Animal (30/07/2017-30/07/2017)</td><td>01 - Inconclusive</td><td>CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive.</td></ps<>	Cardiomyopathy, Heart murmur, Panting, Death, Weight loss	No Data	Supercited Adverse Reaction. On 17 Au 2015 the dog was treated with Bravecto Extra Large Dog, In the 12 months following the initiate of Bravecto, the dog started onioning weight. In 10 months time the dog went from 45.6 kg to 35.9 kg. 11 months after the Initiate of Bravecto, the dog developed parting after physical exercise and it would the traite equit as white before the dog was call analyn. The dog had always had a good stamina. In Jun 2016 the dog was taken to the vet for a vaccination. The vet notice a heart murmur on general physical exercise. A manifestion to the vet for a vaccination. The vet notice a heart murmur on general physical exercise, and the parting after physical exercise, a cardiac ultrasound was performed. This lead to the diagnosis of distred cardiomycepathy (DCM). Treatment was started with Cardisure (gimechendan), On 30 Jul 2017 the dog was taken to the vet again for 1% yearly vaccination. The dog was doing well at that time, it even went running with the owner again. On 3 May 2017 the dog defice. According to the vet, the dog just developed DCM which is seen guite often in large dog breeds. The vet thinks this has nothing to do with Bravecto. No further information expected. Follow-up [13 COL 2017; the vaccination which was administered to the dog 13 Jul 2017 was Volbiva C. L. DCM is mostly seen in dogs older than 3 years and weigh more than 20g, Also DCM is seen more often in several beness, among which the Bouwless of Enranders. No further information expected. [Reason for use for product. Generic: ELTPO-ALMRE CHEW TABLETS Brand: BRAVECTO 1400MOS LUTTAB EUT Reason: Peaks increasing [13 tate of health-Good]	Flanders Cattle Dog		Brawetto 1400 mg chewable tablets for very large dogs: 640–56 kg J 1N/A,N/A, 24,1 Tablets 1 Animal (17/07/2015-17/07/2015)-RR-N-Rb-Nobbyac L4, suspension for injection for dogs − 1N/A,N/A, 24,1 Dose 1 Animal (30/07/2017-30/07/2017)	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1 - Inconclusive.
NOBIVAC L4	NLO-MERCRASSO-2017-NL-01	069 Netherli	lands Aniir	c C	anine/dog	3 Year(s)	16/10/2017	18/10/2017	1	1 0 ::	17/10/2017	Yes, Yes	Not eating-tind limb stacks),mpaired stacks),mpaired proprioception,Stiffness NOS,Decreased drinking	No Data	Saspected Adverse Reaction. On 16 Oct 2017, as every year, a dog was succinated by the vet with Noblone KC and Noblove LC.1 The noted for in the afference in the Ogy very suddenly started showing ging of ataxia of the Initial legs, which developed progressively. On 18 Oct 2017 in the morning, the dog was supersented to the vet. According to the vet, the dog was also reproduced to the control t	French Bulldo	g 13	Nebbus KF - A,N/A,N/A,10.0.4 ml Not applicable 1-Animal (16/10/2017- 16/10/2017-18-R-BR*-Nebvasc L4, suspension for injection for degs - 1,N/A,N/A,10.1 ml Not applicable 1 Animal 16/10/2017- 16/10/2017-BR*-BR*>	01 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality 01.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01	071 Netherla	lands Anii	mal C	Canine/dog	3 Month(s)	02/06/2017	20/10/2017	1	1 1 :	23/06/2017	Yes, <b R> Yes</b 	Lung oedema,Found dead	No Data	Suspected Adverse Reaction. On 2 Jun 2017, a puppy dog was vaccinated with Nobivac DHP and Nobivac L4. On 23 Jun 2017 in the morning, the dog was found dead in its bed in the utility room. No signs had been observed beforehand, 40 filmited necrops year spenformed by the attending wet. The only observed necropsy abnormality was Jung edema. No further examinations were performed. This case is reproded in relation to a later & 2017-14.0.1073/1 perported for another puppy dog from the same breeder (same father dog, different mother dog), adopted by the same owner, died in the same utility room in the same and gobed more the healing boller, one day after vaccination with the same vaccines. No more information is expected. [Reason for use for product: Generic: DHP UY Brands. NOBIVAC DH2 2015.65 DR2 Readows (Vaccination Generic: ETPTO*/ GETCA/MCG,GRIPP,BRAT) NB Brand: NOBIVAC DH2 2015.547 Reason: Vaccination] [State of health: Good]	German Shepherd Dog	13.4	Nobivac DHP - 1,N/A,N/A, 24,1 Dose Not applicable 1 Animal (02/06/2017-02/06/2017-08R->BR>Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 10,1 ml Not applicable 1 Animal (02/06/2017-02/06/2017-02/06/2017-02/06/2017)	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N.

NOBIVAC L4	NLD-MERCKMSO-2017-NL-01074	Netherlands	Animal	Canine/dog	3 Month(s)	22/09/2017	20/10/2017	1	1 1	23/09/2017	Yes, GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-	Abnormal necropsy finding Lung oedema Found dead, Liver disorder NOS	No Data	Suspected Adverse Reaction. On 22 Sep 2017, a puppy dog was vaccinated with Nobbac DHP and Nobbac L4. The next morning, the dog was found dead in the dog bed located in the utility room. No signs had been observe blorechand, Autopy was performed by a veterinary subriologist. Autopy conclusion. The most significant findings in the animal are severe lung octema and severe congestion in the lever. Both significant findings in the animal are severe lung octema and severe congestion in the lever. Both significant findings in the animal are severe lung octema and severe congestion in the lever. Both significant findings in the animal are severe lung octema and severe congestion in the heart. A functional disorder, for example arrhythmia, can not be excluded. Further, an electron of the lever. In the lever the lever of	German Shepherd Dog	14.7	Noblwa C DHP - 1.N/A.N/A.24,1 Dose Not applicable 1 Animal (2009) (2017) (2019) (2017) (2019) (2017) (2019) (2017) (2019) (2019) (2017) (2019) (2017) (2019) (2017) (2019) (2017) (2019) (2017) (2019) (2017)	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1.
														product: Generic: DHP LV Brand: NOBIVAC DHP 10X1DS 610 Reason: Vaccination Generic:					
														LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination] [State of health: Good]					
NOBIVAC L4	NLD-MERCIAMSD-2017-NL-01095	Netherlands	Animal	Canine/dog	8 Year(s)	16/10/2017	30/10/2017	1	1 1	18/10/2017		Impaired vision,Curding - our object (see also methodical disorder (see also Rehaviours) his disorders', Januaria, Pear his vestimania, Elevate temperature, Ahonormal pupil light reflex, Ahonormal sett result, Brain disorder NOS, Local swelling (not application site), Gait abnormality, Head tilt - neurological disorder	No Data	Sargetted Adverse Reactions On 16 Oct 2017, a dog unes vaccinated with Nobbac L. 16. On 25 Oct 2017, the dog informed the web by prione that the dog has not been well since a week (choicen approximate) the dog informed the web by prione that the dog has not been well since a week (choicen approximate) presented to the vet, it does not expect the contract of the co	Drentse Partridge Dog d	35.5	Nobleuc L4, suspension for iljection for digs. 110A, MA, L0.1 on Not applicable 1 Animal (16/10/2017-16/10/2017-8R>-BR>	N - Unlikely	Reasonable association in time. Chircial sign (except, exclusion to the chircian chiral sign (except, exclusion the chiral sign chiral sign) are reported before. Sightly excepted to lay temperature is expected to the possible shorthy after vaccination with the VMP according to the VPC, however, owing for a duration of a few days. Therefore the measurement of an elevate temperature 9 days after vaccination is not expected. CT scan showed the dog had a large mass in it's brain with a suit defect and out fusion swelling which is the cause of the clinical signs seen. Other causes are more likely. Therefore, causality N-Unikely.
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01097	Netherlands	Animal	Canine/dog	11 Week(s)	21/10/2017	31/10/2017	1	1 1	31/10/2017		Cardiac disorder NOS,Enlarged	No Data	Suspected Adverse Reaction. On 21 Oct 2017, a puppy dog was simultaneously vaccinated with	Crossbred	9		O1 - Inconclusive	CA agrees with causality assessment and comments
											R>dBN>dR>ife, dBN>dR>dR>dR> Known	liver-plumonary congestion.Pulmonary codema, Foam in the trache-Sudden death-Hepatic disorder NOS-Ahoromal necropsy finding. MT - necrops		Nobbwa C 4 and Nobwa C Parro-C, simultaneously by one subcutaneous injection. The dag was also treated with one application stronghold spot-On for Dosp on this day, On 31 D C 1207 in the morning, the dog was seen allow without any signs, but shortly thereafter the dog had suddenly died. No preceding signs were observed. The dog will be send for a routery, Follow-up on 2 How 2017. Preliminary autopsy result, enlarged retrophangeal ymph node, foarny content in the traches, Jung oedema, poorly collapsed funds, glightly swoellne live, spotted heart: in the heart muscle there is a whitch, pale are a present, extending from the appex into the wall of the left and right ventricles. Follow-up is area present, extending from the appex into the wall of the left and right ventricles. Follow-up is admission was used to be a supplementation of the left and right ventricles. Follow-up is admission of the supplementation of the left of the supplementation of the left and right ventricles. Follow-up is 3-7 days not left with the supplementation of the left of the such results with the supplementation of 3-7 days not left with the supplementation of the results of the results of the results of the supplementation. The day was challenged to the supplementation of the results of the results of the supplementation of the such results with the supplementation of vaccination cannot be fully excluded seeing the cause of the respectation is unknown. No further submission of the supplementation of the submission of the supplementation of the supple	у		for dops - 1.N/A,N/A, 1.0.1 ml Not applicable 1.Amina (171/07)2017- 21/10/2017)+RRRB-Nobbavc Parvoc - 1.N/A/N, 2-4.1 Does Not applicable 1.Amina (127/10/2017- 21/10/2017-RBRB-Stronghold SFOT-ON-SULUTION - 1.N/A/N/A 2-4.1 Syringer Tues Applicable 1 Aminal (127/10/2017- 21/10/2017-RBRBP		of the MAH. Causality O1-inconclusive.
	NLD-MERCKMSD-2017-NL-01107	Netherlands	Animal	Canine/dog	9 Week(s)	02/11/2017	02/11/2017	1	1 0		Yes, <br R> Yes, < BR> <</br 	Lump,Nausea,Swollen face (see also 'Skin')	No Data	Suspected Adverse Reaction. On 2 Nov 2017 at 11 of citock in the morring, a 9 weeks oid puppy dog was vecinated with Notwoc LPIP, Noblex ct. and Noblexe KC. A hone late the town cried tot as yet the dog developed lurips on his head and that the head as a whole was becoming thicker. The dog was brought back to the vt., who tereated the dog with desamethason. The dog was also treated with Emergind Because he seemed to be somewhat nauscous. One hour after the treatment the dog was recovered. The pupp dog was vaccinated with Noblexe pupp 0°P at the age of 8 weeks (for reactions were seen then). No more information is expected, (Reason for use to product. Generic DIPT VI Branch NOBINAC LI DUIDTS 527 Reason Vaccination Generic Bis CANINE / PI LB/LV Brand: NOBINAC KC SXIDS-SXIDS DIL 610 Resson: Vaccination [State of health Good]	s Other Canine/dog 5	3.2	1 Animal (02/11/2017- 02/11/2017 -RB7-SBR>Nobivac KC - 1.N/AN/A, 24,1 Dose 1 Animal (02/11/2017- 02/11/2017- 02/11/2017-BR>-BR>Nobivac L4, suspension for injection for dogs - 1.N/AN/A, 24,1 Dose 1 Animal (02/11/2017-02/11/2017)-BR>-BR>	B - Possible	Close association in time (1 hour). Vaccines are known to possibly cause or trigger systemic reactions. Clinical signs could be related to a transient acute hypersensibility reaction, which is meritioned in the SPC of the VMP. Multiple products used. Product involvement a suspected. Therefore, causalify 8 – Possible
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01120	Netherlands	Animal	Canine/dog	3 Year(s)	17/10/2017	07/11/2017	1	1 0	17/10/2017	Yes, <br< td=""><td>Nasal discharge, Cough, Cyanosis, Local swelling, (not application site). Nasal congestion. Breathless nass, Revense sneezing, Choke</td><td>No Data</td><td>Superted Advence Reaction. On 17 Oct 2017 the dog, a Pomeranian from Brusia, was vaccinated with Nobiboca Ld and bolows CE. The attending ven toricent the dog was obsete [body condition score of 7 out of 9] and it's nose/snow it is somewhat misformed. On 23 Oct 2017 the owner called the wet because the dog has been coupling and risk necessary of the control of the</td><td>German Spitz - Pomeranian</td><td>4</td><td>Nebbus KC - 1.N/A.VIA_24.1 Does 1 Aminial (17/30/2017- 17/10/2017-) 17/10/2017-9RN-8BN-Nebbus L4, sappension for injection for days: 1.N/A.VIA_24.1 Dose 1 Animal (17/20/2017-17/10/2017)-8RN-8BN-</td><td>N - Unlikely</td><td>CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely.</td></br<>	Nasal discharge, Cough, Cyanosis, Local swelling, (not application site). Nasal congestion. Breathless nass, Revense sneezing, Choke	No Data	Superted Advence Reaction. On 17 Oct 2017 the dog, a Pomeranian from Brusia, was vaccinated with Nobiboca Ld and bolows CE. The attending ven toricent the dog was obsete [body condition score of 7 out of 9] and it's nose/snow it is somewhat misformed. On 23 Oct 2017 the owner called the wet because the dog has been coupling and risk necessary of the control of the	German Spitz - Pomeranian	4	Nebbus KC - 1.N/A.VIA_24.1 Does 1 Aminial (17/30/2017- 17/10/2017-) 17/10/2017-9RN-8BN-Nebbus L4, sappension for injection for days: 1.N/A.VIA_24.1 Dose 1 Animal (17/20/2017-17/10/2017)-8RN-8BN-	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N - Unlikely.

NOBIVAC LA	NLD-MERCOMSD-2017-NL-01143	Netherland:	Animal	Canine/dog	20 Month(s)	10/03/2017	17/11/2017	1 1	0 12		Yes, GBR-GBR-GB Br-GBR-GBP-Yes, GBR-GBR-GBR-GBR-GBR- BBR-GBR-GBR-GBR-	tack of efficacy	No Data	Suppected Lack of Expected Efficacy, On 10 Mar 2017 the dog was vaccinated with Noblwac L4, Noblwac DHP and Noblwac KC, On 12 Nov 2017 the dog became sick and was taken to the vet on 14 Nov 2017. Blood was taken to the vet on 14 Nov 2017. Blood was taken to the vet on 14 wor 2017. Blood was taken to the vet on 14 wor 2017. Blood was tested of the spotspoints (FCR test) and was positive. Treatment was started with antibiotics (Dowycycline) and the morning after treatment was started also unine was collected for a was sent to a specialist for a esophageal feeding tube to be placed. A MAT test is being done, results regarding. The dog was vaccinated with Noblwac L14 the year before on 6 Nely 2018 and 74 Noy 2015. Follow-up information expected. Follow-up (24 Nov 2017). On 12 Nov 2017 the dog started lip manching and vontining don's dominiting of and microus. On 18 Nov 2017 the dog started lip manching and vontining food and microus. On 18 Nov 2017 the dog started with the vet was supported. The scenario of the vet was unable to determine if the were also yellow or not 18 Nov 2017 the dog didn't have any appetite anymore, faces was normal. That day the dog was taken to the vet who determined the dog was lethrage; and listests. The scenario were also yellow or not 18 Nov 2017 the dog didn't have any appetite anymore, faces was normal. That were also yellow or not 18 Nov 2017 the dog stopped for the vet was unable to determine if the were also yellow or not 18 Nov 2017 the dog stopped for the vet was unable to determine if the C10 22 and ARA 2017 C10 2-12.12, It also gives treated with a nine produce of the vet was unable to determine if the contract of th	see 22 2 5 5 8 8 8 9 r r Dh	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose 1 Animal (10/03/2017- 10/03/2017	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.
NOBIVAC L	NLD-MERCKMSD-2017-NL-01162	Netherland:	Animal	Canine/dog	12 Week(s)	09/10/2017	29/11/2017	1 1	0 10	0/10/2017	Not Known, <br< td=""><td>injection atte leison, injection atte mucoparuler discharge, injection scatching, injection scatching, injection scatching, injection scatching, injection leison association, injection is serious, injection is serious, injection is serious, injection is serious, injection attended in the serious serious, injection attended in the serious inject</td><td>No Data</td><td>Supported Alberts electrion. On 9 Cet 2017, the day was secondited with Noblocut Perion Robbott. 1. The vet administered the vaccine between the shouler blades. The next day, the owner notices. 1. The vet administered the vaccines between the shouler blades. The next day, the owner notices. 1. The vet administered the vaccines between the shouler blades. The next day, the owner notices of the state of</td><td>e e d d cct</td><td>10.6</td><td>Betadine solution - N/A.N/AN/A 24.Unizowe Urithrown (I Deyls) 24.Unizowe Urithrown (I Deyls) 24.Unizowe Urithrown (I Deyls) 25.Uni/2017-18-BBS-Clavubaction N/A.N/A.N/A.24.Unixowe Urithrown (17/10/2017- 01/11/2017-18-BB-SB-Dellovidy) - N/A.N/A.N/A.24.Unixowe Urithrown (17/10/2017- 12/10/2017-18-BB-Mellovidy) - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.</td><td>B - Possible</td><td>Reasonable association in time and anstomical site. Injection site reactions, feer and finities are known in the control of th</td></br<>	injection atte leison, injection atte mucoparuler discharge, injection scatching, injection scatching, injection scatching, injection scatching, injection leison association, injection is serious, injection is serious, injection is serious, injection is serious, injection attended in the serious serious, injection attended in the serious inject	No Data	Supported Alberts electrion. On 9 Cet 2017, the day was secondited with Noblocut Perion Robbott. 1. The vet administered the vaccine between the shouler blades. The next day, the owner notices. 1. The vet administered the vaccines between the shouler blades. The next day, the owner notices. 1. The vet administered the vaccines between the shouler blades. The next day, the owner notices of the state of	e e d d cct	10.6	Betadine solution - N/A.N/AN/A 24.Unizowe Urithrown (I Deyls) 24.Unizowe Urithrown (I Deyls) 24.Unizowe Urithrown (I Deyls) 25.Uni/2017-18-BBS-Clavubaction N/A.N/A.N/A.24.Unixowe Urithrown (17/10/2017- 01/11/2017-18-BB-SB-Dellovidy) - N/A.N/A.N/A.24.Unixowe Urithrown (17/10/2017- 12/10/2017-18-BB-Mellovidy) - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	B - Possible	Reasonable association in time and anstomical site. Injection site reactions, feer and finities are known in the control of th
NOBIVAC LA	NLD-MERCKMSD-2017-NL-01173	Netherland	Animal	Canine/dog	7 Year(s)	07/06/2016	16/01/2018	1	1 30	0/06/2016	> BR > BR > BR > Yes, < BR > BR > K > R > K > R > K > R > K > K > K >	Reatisenses, Thrombortpoeria, Juri mploperia, Inpariet swall lowing, Hypercal kaemia, Follept es siture, Parintig, Death Fever, Musice es siture, Parintig, Death Fever, Musice establishing, Elewated Day, Elewated creationic, Elewated AST, Elewated Tax, Elewated bia, Calif, Beated SSP, Hyperproteinsemia, Pacing, Hae moconcentration	No Data	Superted Afterear Reaction. The dog has been treated with Bravecto Lurge Dog every row and the mon 2014 on fig Brain Intol. The last returned was no 26 Apr 2016. On 71 an 2016 the dag was vaccinated with Noblava K.C and Noblava L.C. On 30 Jun 2016 the dog has an epileptic selsure, the electron took load of minutes. After that the dog was still restless and walking up and down the room is something the dog started doing a few month ender, since the owner has his own business. Later that day the dog had 2 more selvers. Diminute apart. The legs were shaking and the dog is parting alot. The dog was still extens. Just restless and the size of the self-dog extension and the dog is parting alot. The dog was taken to the vet temperature apart. The legs were shaking and the dog is parting alot. The dog was taken to the vet temperature and common self-dog extension and sedated with ketamine and Domitor (medetomedine). That right the dog had another 3 selsures. The dog stem genture is still high 25 of degrees Celsius). The next of type the dog had another 4 selsures. Seeing the dog couldn't swallow, treatment with phenocharital was no option. Therefore in Midus every gene (actions 27, 01 Jul 2016 at 12.3 as in the dog ded. 6 – 37 (restlin 388, 176-164) rotal proteine 55 (35 – 80) AKT 1826 (5 o) Akt 1.202 (7 o) Akt 1.201 (100 – 4800) Thromborches 9000 (164000 – 15000) Calciann: 29,700 (2 – 25) Everture activit 3.6 (8 – 37) (restlin 388, 176-164) rotal proteines 5(35 – 80) AKT 1.826 (5 o) Akt 1.202 (7 o) Akt 1.201 (100 – 4800) Thromborches 9000 (164000 – 15000) Calciann: 29,700 (2 – 25) Everture activit 3.6 (8 – 37) (restlin 388, 176-164) rotal proteines 5(35 – 80) AKT 1.826 (5 o) Akt 1.202 (7 o) Akt 1.201 (100 – 4800) Thromborches 9000 (164000 – 15000) Calciann: 29,700 (2 – 25) Everture activit 3.6 (8 – 37) (restlin 388, 176-164) rotal proteines 5(35 – 80) AKT 1.826 (5 o) Akt 1.820	Mountain Dop m m s s s s	31.5	ARTIPPERANAL - NI/A,NI/A,NI/A 24.1/Inknown (H30/65/2015 30/06/2016;eBRBB-Bravecto 30/06/2016;eBRBB-Bravecto 30/06/2016;eBRBB-Bravecto 30/06/2016;eBRBB-Bravecto 30/06/2016;eBRBB-Davide 26/06/2016;eBRBB-Davide 26/06/2016;eBRBB-Davide Unknown (80/06/2016- 30/06/2016;eBRBB-Davide Unknown (80/06/2016- 30/06/2016;eBRBB-Davide Unknown (10/06/2016- 30/06/2016;eBRBB-Davide Unknown (10/06/2016- 30/06/2016;eBRBB-Davide Unknown (10/06/2016- 30/06/2016);eBRBB-Davide Unknown (10/06/2016- 30/06/2016);eBRBB-Davide 26/07/2016;eBRBB-Davide 26/07/2016;eBRBB-Davide 26/07/2016;eBRBB-Nobide 26/07/20	OI - Inconclusive	Time between vaccination and onset of clinical signs upter long from that 3 weekly. Lockine are known to possibly cause or frigger systemic reactions. Clinical signs are partly mentioned in the \$5.0 of the Wilp. Diagnostic tests are indicative for a liver problem, but also renal parameters are elevated and complete blood count was deviant. No blood values prior to treatment are available. No autopsy performed. Overall case causality assessment: Other causes are propossible, like an underlying condition/lines of the dog, but product involvement can not be excluded. Therefore causality 0.1 - inconclusive

NOBIVAC L4	NLD-MERCKMSD-2017-NL-01185	Netherlands	Animal	Canine/dog	8 Month(s)	10/05/2016	18/01/2018	1 1	1 08/11/201	Not	Anxiety,Behavioural disorder	Not	Suspected Adverse Reaction. On 3 Nov 2015 the dog was treated with Bravecto Medium Dog. On 8	Crossbred	12.05		01 - Inconclusive	Reasonable association in time (time between
										Known, <br< td=""><td></td><td>Known</td><td>Nov 2015 the dog showed abnormal behaviour: jerky movements with its head, very large pupils. According to the yet it was certainly not an epileptic seizure. The yet thought the dog might have</td><td></td><td></td><td>.3,N/A,N/A ,10,0.3 ml 1 Animal</td><td></td><td>vaccination and next epileptic seizure 5 days.). Vaccines are known to possibly cause or trigger</td></br<>		Known	Nov 2015 the dog showed abnormal behaviour: jerky movements with its head, very large pupils. According to the yet it was certainly not an epileptic seizure. The yet thought the dog might have			.3,N/A,N/A ,10,0.3 ml 1 Animal		vaccination and next epileptic seizure 5 days.). Vaccines are known to possibly cause or trigger
										Not	seizure,Falling,Muscle spasm		accidentally eaten some drugs. Some young adults in the household do use cannabis, maybe the dog			08/04/2016) Alprazolam -		systemic reactions and medication in general may
										Known. <br< td=""><td></td><td></td><td>ate some of this? The dog was treated with Rimadyl (carprofen) just incase the symptoms seen were</td><td></td><td></td><td>.5,N/A,N/A ,3,0.5 mg 1 Animal</td><td></td><td>possibly trigger an epileptic seizure in animals with a</td></br<>			ate some of this? The dog was treated with Rimadyl (carprofen) just incase the symptoms seen were			.5,N/A,N/A ,3,0.5 mg 1 Animal		possibly trigger an epileptic seizure in animals with a
										> 	pupils,Polyuria,Death by		caused by pain. On 9 Nov 2015 the dogs temperature was 39.1 degrees Celsius, pupil reflex was as			(18/02/2016-		low epileptogen level. According to a specialist, the
										Not	euthanasia,Decreased		good as normal, the dog seemed a bit calmer (less jerking) and was eating a bit. On 13 Nov 2015 the			18/02/2016) Amoxibactin -		symptoms seen in this dog can be called 'lobus
										Known, <br< td=""><td>appetite,Listless,Elevated</td><td></td><td>owners showed the vet a video of the dog on which it showed compulsive movements, it wants to go</td><td></td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td><td>temporalis epilepsy'. Albeit the dog had already a</td></br<>	appetite,Listless,Elevated		owners showed the vet a video of the dog on which it showed compulsive movements, it wants to go			N/A,N/A,N/A ,24,Unknown		temporalis epilepsy'. Albeit the dog had already a
										> <			to its food bowl but then backs up, bites in the curtains etc. The vets differential diagnosis was epilepsy			Unknown (03/11/2015- 03/11/2015) Bravecto 500		history of seizures before the vaccination, the dog had slightly improved before it was vaccinated and the
											behaviour,Head shake -		and a liver shunt. Ammonia blood level was tested, this was not elevated. The video was also sent to an internal medicine specialist, she said it doesn't look like epilepsy, but this still cannot be fully			mg chewable tablets for medium-		frequency of seizures increased afterwards. Multiple
											behavioural disorder		excluded. She advised to the dog to a behaviour specialist. This was discussed with the owner, but at			sized dogs (>10-20 kg) - 1,N/A,N/A		products used. Other causes are possible, like an
										> 			that time the dog seemed to be doing better, it was very active and barked alot, but showed no			,24,1 tablet once (03/11/2015-		underlying condition, but product involvement can not
										Not			abnormal behaviour at that time. On 18 Feb 2016 the dog seemed very anxious and had nerve twitches			03/11/2015) Dexoral -		be fully excluded. Therefore causality O1 -
										Known, <br< td=""><td></td><td></td><td>around the mouth and in its face. The dog was treated with an alprazolam tablet. On 8 Apr 2016 the</td><td></td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td><td>Inconclusive</td></br<>			around the mouth and in its face. The dog was treated with an alprazolam tablet. On 8 Apr 2016 the			N/A,N/A,N/A ,24,Unknown		Inconclusive
										> 	1		dog had an epileptic seizure: the dog fell down, had cramps and was salivating. The dog was taken to			Unknown (01/07/2016-		
										Not Known < RR>< BR			the vet, where it still showed some symptoms of the seizure: mouth open and salivating alot. Atropinsulphate was given as treatment and Stesolid (diazepam) was given to take home for if the dog			N/A) Milpro - N/A,N/A,N/A .24.Unknown Unknown (10/05/2016-		
										> 			had any seizures that go on for too long. The dog was taken to a specialist. He did some blood tests (E.			10/05/2016) Nobivac DHP		
										Not			cuniculi serology and PCR, Neospora and Ehrlichia, organic acid panel for >40 degradation products), al			1,N/A,N/A ,24,1 Dose 1 Animal		
										Known, <br< td=""><td></td><td></td><td>results were negative. According to this specialist the symptoms seen in this dog can be called 'lobus</td><td></td><td></td><td>(10/05/2016-</td><td></td><td></td></br<>			results were negative. According to this specialist the symptoms seen in this dog can be called 'lobus			(10/05/2016-		
										> 			temporalis epilepsy'. Internationally this is called compulsive behaviour, the specialist himself sees it			10/05/2016) Nobivac L4,		
										Not			more as hallucinations. Dogs with lobus temporalis epilepsy don't always respond well to treatment			suspension for injection for dogs -		
										Known, <br< td=""><td></td><td></td><td>with phenobarbital. On 10 May 2016 the dog was vaccinated with Nobivac DHP and Nobivac L4 and</td><td></td><td></td><td>1,N/A,N/A ,24,1 Dose 1 Animal</td><td></td><td></td></br<>			with phenobarbital. On 10 May 2016 the dog was vaccinated with Nobivac DHP and Nobivac L4 and			1,N/A,N/A ,24,1 Dose 1 Animal		
I		1	1	1	1	1	1		 	> <	1	1	treated with Milpro. The dogs behaviour seemed to be more stable, but it still acted strange when going to its food bowl. On 15 May 2016 the dog had 3 epileptic seizures and the vet treated the dog			(10/05/2016- 10/05/2016) Pexion -		l l
1		l			1					Known, <br< td=""><td>I</td><td>1</td><td>with an injection of Ziapam. From then on, until 28 Oct 2016 the dog had multiple epileptic seizures.</td><td></td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td><td>l l</td></br<>	I	1	with an injection of Ziapam. From then on, until 28 Oct 2016 the dog had multiple epileptic seizures.			N/A,N/A,N/A ,24,Unknown		l l
1		l			1					> 		1	This was treated with Phenoral (phenobarbital, 1 blood test was performed after the start of			Unknown (5 Month(s) 15/05/2016-		l l
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01200	Netherlands	Animal	Canine/dog	3 Year(s)	07/12/2017	09/01/2018	1 1	1 07/12/201	Yes	Liver disorder NOS,Pulmonary	No Data	Suspected Adverse Reaction. On 7 Dec 2017 a dog was vaccinated with Nobivac L4. In the morning the	Labrador	22.4		01 - Inconclusive	CA agrees with causality assessment and comments
1		1		.,		1 , ,			., ,,	1	congestion, Abnormal necropsy	1	dog went running with the owner, 25 km (this was done before). Dog is clinically fine, appears slightly	Retriever		for dogs - 1,N/A,N/A ,24,1 Dose		of the MAH. Causality O1 - Inconclusive.
1		l			1					I	finding,Sudden death,Cardiac	1	thin but is well muscled. Dog was in heat 2-3 weeks before and escaped, unclear if the dog			Unknown 1 Animal (07/12/2017-		l l
1		l			1					I	failure	1	accidentally mated. During physical examination no abnormalities were found and dog appeared			07/12/2017) 		l l
1		l			1					I	1	1	clinically healthy and was vaccinated. During the evening of 7 Dec 2017 approximately 6 hours after vaccination dog suddenly dropped dead. Dog is send for autopsy. Follow up (9 Jan 2018); Results					l l
													autopsy: Cause of death remains unclear. The congestion in liver and lungs indicate acute					
													cardiovascular failure with no primary underlying pathology. No indications found for anaphylactic					
													shock. It is possible that there is a functional disorder, like cardiac arrhythmia, without any					
													morphological changes. No more information expected. [Reason for use for product: Generic:					
													LEPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC L4 10X1DS 547 Reason: Vaccination] [State of					
NORIVAC I 4	NI D-MERCKMSD-2017-NI -01218	Netherlands	Animal	Caning/dog	Q Week(c)	12/12/2017	12/12/2017	1 1	0 12/12/201	Voc /RP\/RP\/F	General illness.Evelid	No Data	health: Good! Suspected Adverse Reaction, On 12 Dec 2017 a 9-week-old pup was vaccinated with Nobivac Parvo-C.	Chihuahua	1.2	Nobivac KC - 1,N/A,N/A ,24,1 Dose 1	3 - Poccible	Close association in time. Vaccines are known to
						,,	,,		,,		, erythema,Injection site		Nobivac KC and Nobivac L4. Soon after the owner and dog arrived back home from the vet, the dog			Animal (12/12/2017-		possibly cause or trigger systemic reactions. Clinical
							1				pain.Hypersensitivity to pain.Evelid		developed swollen, somewhat red evelids, a swollen snout, itching of the head, shaking, not well and			12/12/2017) Nobivac L4.		signs could be related to a hypersensitivity reaction.
										 <	pain, nypersensitivity to pain, Eyello		developed swoller, somewhat red eyelids, a swolleri shout, itching of the flead, shaking, not well and					signs could be related to a hypersensitivity reaction.
										 < BR> Yes	oedema,Not eating,Localised		not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the			suspension for injection for dogs -		Multiple products used. Product involvement is
											oedema,Not eating,Localised itching,Swollen face (see also		not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon			suspension for injection for dogs - 1,N/A,N/A ,24,1 Dose 1 Animal		
											oedema,Not eating,Localised		not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon (dexamethasone). Within a few hours the pup recovered. No further information expected. [Reason			suspension for injection for dogs - 1,N/A,N/A ,24,1 Dose 1 Animal (12/12/2017-		Multiple products used. Product involvement is
											oedema,Not eating,Localised itching,Swollen face (see also		not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon (dexamethasone). Within a few hours the pup recovered. No further information expected. [Reason for use for product: Generic: LEPTO*4[CT_CAN,GRIPP_BRAT] KB Brand: NOBIVAC L4 IOXIDS 547			suspension for injection for dogs - 1,N/A,N/A,24,1 Dose 1 Animal (12/12/2017- 12/12/2017) BR> Nobivac		Multiple products used. Product involvement is
											oedema,Not eating,Localised itching,Swollen face (see also		not wanting to eat. Also the injection site was painful, the dog lites when the owner touches the injection site. The dog was taken back to the vie where is was trated with an injection of Rapidexon (dexamethasone). Within a few hours the pup recovered. No further information expected. (Reson for use for product: Generic: LEFTO*4(DT.CAM, GRIPP_BRAT) KB Branch NOBINAC L4 10XIDS-547 Reason Vaccination Generic: BLOAMINE /P ILIA/V Branch NOBINAC L4 30XIDS-52XIDS GRIL 610 AND AND AND AND AND AND AND AND AND AND			suspension for injection for dogs - 1,N/A,N/A,24,1 Dose 1 Animal (12/12/2017- 12/12/2017)-BR> Nobivac Parvo-C - 1,N/A,N/A,24,1 Dose 1		Multiple products used. Product involvement is
										BR> Yes	oedema,Not eating,Localised itching,Swollen face (see also		not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon (dexamethasone). Within a few hours the pup recovered. No further information expected. [Reason for use for product: Generic: LEPTO*4[CT_CAN,GRIPP_BRAT] KB Brand: NOBIVAC L4 IOXIDS 547			suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017)-8R><8R>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017)-8RS>6RS		Multiple products used. Product involvement is
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201:	BR> Yes	oedema,Not eating,Localised itching,Swollen face (see also Skin'),Shaking Blindness,Eye disorder NOS (for	No Data	not wanting to set. Also the Injection site was painful, the dog bites when the owner four-hes the injection site. The dog was taken back to the vet where is was treated with an injection of Repidenous (Beasemethssone), Within a few hours the pup recovered. No further information expected. [Reason for use for product. Generic: LETO*4 (ICT.CAM,GRIPP,BRAT) kB prant on NDBIVAC LE JOINDES 47 Reasons "vaccination Generic: RB CANINE FPI IGATV brands NDBIVAC KC ZXXIDS*25XIDS DIE SID Reasons "Vaccination Generic" CANINE PARVOL VE Brands NDBIVAC PRAVIOLY ESTORES TO Vaccination I State of health. Good!	Welsh Springer	Not	suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/11/2017-1 12/12/2017-SRS-SRS-Nobiwac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017-SRS-SRS- CAVASAN OGZELF - N/A,N/A,N/A	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, <br< td=""><td>oedema,Not eating,Localised itching,Swollen face (see also 'Skin'),Shaking Blindness,Eye disorder NOS (for photophobia see</td><td>No Data</td><td>not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon (decamethasone). Within a few hours the pup recovered. No further information expected. (Reason for use for product: Generic: LEFTO*4[CT_CAN,GRIPPBRAT] KB Brands NOBNAC L4 10XIDS 547 Reason: Vaccination Generic: BC ANIMP FP IIA, VI Brand: NOBNAC L5 10XIDS 547 Reason: Vaccination Generic: CANIMP FARVO LY Brand: NOBNAC MOSTACC XIDS 5610 Reason: Vaccination Generic: CANIMP FARVO LY Brand: NOBNAC PARVO-L 10XIDS 6610 Reason: Vaccination State of health Good! Suspected Adverse Reaction. On 26 Nov 2017 the dog was vaccinated with Noblova CHP and Noblova L4. 2 hours latter the dog was listless and the eyes seemed strange: they seemed somewhat retraction.</td><td>Welsh Springer Spaniel</td><td>Not</td><td>suspension for injection for dogs - 1,N/AN/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017)-BR> Nobivac Paroc-C - 1,N/AN/A, 24,1 Dose 1 Animal (12/12/017- 12/12/2017-BR> CAVSAN OOGZALT - N/A,N/A,N/A 2,4,Unknown Unknown (5 Day(s)</td><td>3 - Possible</td><td>Multiple products used. Product involvement is suspected. Therefore, causality B – Possible</td></br<>	oedema,Not eating,Localised itching,Swollen face (see also 'Skin'),Shaking Blindness,Eye disorder NOS (for photophobia see	No Data	not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapidexon (decamethasone). Within a few hours the pup recovered. No further information expected. (Reason for use for product: Generic: LEFTO*4[CT_CAN,GRIPPBRAT] KB Brands NOBNAC L4 10XIDS 547 Reason: Vaccination Generic: BC ANIMP FP IIA, VI Brand: NOBNAC L5 10XIDS 547 Reason: Vaccination Generic: CANIMP FARVO LY Brand: NOBNAC MOSTACC XIDS 5610 Reason: Vaccination Generic: CANIMP FARVO LY Brand: NOBNAC PARVO-L 10XIDS 6610 Reason: Vaccination State of health Good! Suspected Adverse Reaction. On 26 Nov 2017 the dog was vaccinated with Noblova CHP and Noblova L4. 2 hours latter the dog was listless and the eyes seemed strange: they seemed somewhat retraction.	Welsh Springer Spaniel	Not	suspension for injection for dogs - 1,N/AN/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017)-BR> Nobivac Paroc-C - 1,N/AN/A, 24,1 Dose 1 Animal (12/12/017- 12/12/2017-BR> CAVSAN OOGZALT - N/A,N/A,N/A 2,4,Unknown Unknown (5 Day(s)	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality B – Possible
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201:	BR> Yes 'Not Known, >BR> >CBR>CBR>	oedema Not eating Localised Itching Swollen face (see also Skin') Shaking Blindness, Eye disorder NOS (for photophobia see 'neurologica'), Retnal disorder	No Data	not wanting to set. Also the Injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidemon (Seasmethstone), Wilthin a few hours the pup recovered. No further information expected, [Reason Or user for product, Generic: LETO-14(CTACA,GENPBARIA) RB ariant, NOBIN/LC L4 (2010)DS 47 Reasons "Vaccination Generic: RB CANINE / PI RA/V Brand: NOBIN/LC CX 25X1DS-25X1DS DIL EID Reasons "Vaccination Generic: CANINE PARVO LV Brand: NOBIN/LC CX 25X1DS-25X1DS DIL EID Reasons "Vaccination Generic: CANINE PARVO LV Brand: NOBIN/LC CANIVO-C IDXIDS GID Reasons "Vaccination Generic: CANINE RAVO LV Brand: NOBIN/LC CANIVO-C IDXIDS GID Reasons "Vaccination! State of health. Good! Suspected Alverse Reaction. On 26 Nov 2021 The dog was succinated with Noblace DHP and Nobbac L4. 2 hours later the dog was listless and the eyes seemed strange: they seemed somewhat erfeatced and there was protrous on the third deviction. They devided the major succinated with Noblace DHP and Nobbac and there was protrous on the third devided. The dog seemed to be in also of pain. 3 days later the	Welsh Springer Spaniel	Not	suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017-BR>-BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017-BR>-BR>- CAVASAN ODGZALF - N/A,N/A,N/A 24,Unknown Unknown (5 Day(s) 23/11/2017-	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes 'Not Known, >BR> >CBR>CBR>	oedema, Not eating, Localised a taching, Swollen face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see "neurological'), Retinal disorder NOS, Mydraiss', NOS, Mydraiss', NOS, Mydraiss', N	No Data	not wanting to eat. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken but to the et where is was treated with an injection of Rapideon (declarmethasone). Within a few hours the pup recovered. No further information expected. [Reason for use for product: Generic: ELFOT-QHICT_ANGEPRANT] KB Branch KOBINAC L4 10XIDS 547 Reason: Vaccination Generic: BL GANINE / PI (II/A) VB Branch KOBINAC L5 10XIDS 5510 Reason: Vaccination Generic: CANINE PARVO LV Stands NOBINAC L5 10XIDS 5510 Reason: Vaccination Generic: CANINE PARVO L5 10XID 5610 Reason: Vaccination Generic: ANINE PARVO L5 10XID 5610 Reason: Vaccination Generic: ANINE PARVO L5 10XID 5610 Reason: Vaccination Stands of health Good L7 L2 Alours latter the dog was listless and the eyes seemed strange: they seemed somewhat retracted and there was protrusion of the third eyellids. The dog seemed to be in alot of pain. 3 days latter the dog was taken to here: temperature 36.6 degrees Celsius, protrusion of third epids, no other	Welsh Springer Spaniel	Not Known	suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/12/12/12- 12/12/12/1	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema Not eating Localised Riching Swollen face (see also Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see "neurological', Retinal disorder NOS, Mydriass, Pain NOS, Listless, Feery, Inormal	No Data	not wanting to set. Also the Injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidemon (Seasmethstone), Wilthin a few hours the pup recovered. No further information expected, [Reason Or user for product, Generic: LETO-14(CTACA,GENPBARIA) RB ariant, NOBIN/LC L4 (2010)DS 47 Reasons "Vaccination Generic: RB CANINE / PI RA/V Brand: NOBIN/LC CX 25X1DS-25X1DS DIL EID Reasons "Vaccination Generic: CANINE PARVO LV Brand: NOBIN/LC CX 25X1DS-25X1DS DIL EID Reasons "Vaccination Generic: CANINE PARVO LV Brand: NOBIN/LC CANIVO-C IDXIDS GID Reasons "Vaccination Generic: CANINE RAVO LV Brand: NOBIN/LC CANIVO-C IDXIDS GID Reasons "Vaccination! State of health. Good! Suspected Alverse Reaction. On 26 Nov 2021 The dog was succinated with Noblace DHP and Nobbac L4. 2 hours later the dog was listless and the eyes seemed strange: they seemed somewhat erfeatced and there was protrous on the third deviction. They devided the major succinated with Noblace DHP and Nobbac and there was protrous on the third devided. The dog seemed to be in also of pain. 3 days later the	Welsh Springer Spaniel	Not Known	suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017-BR>-BR>Nobivac Parvo-C - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017- 12/12/2017-BR>-BR>- CAVASAN ODGZALF - N/A,N/A,N/A 24,Unknown Unknown (5 Day(s) 23/11/2017-	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localised a taching, Swollen face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see "neurological'), Retinal disorder NOS, Mydraiss', NOS, Mydraiss', NOS, Mydraiss', N	No Data	not wanting to set. Also the Injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidemon (Seasmethstone), Willhim a few hours the pup recovered. No further information expected, [Reason (Seasmethstone), Willhim a few hours the pup recovered. No further information expected, [Reason for user for product, I don'10.5 std.] Reason Vaccination Generic: RB CANINE / PI (IAI/V Brand: NOBIVAC EX 25XLD5-25XLD5 BL BD Reason: Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC EX 25XLD5-25XLD5 BL BD Reason: Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC EXPLOY-L DIXLDS BID Reason: Vaccination I State of health. Good! Suspected Alverse Reaction. On 26 Nov 2017 the dog was vaccinated with Noblace DHP and Nobbac L4. 2 hours later the dog was taken to the eyes seemed strange: they seemed somewhat erteacted and there was protrous on of the third vegletis. The dog seemed to be in also t of pain. 3 days later the dog was taken to the vet: temperature 36.6 degrees Celsius, protrusion of third eyelds, no other almormatities on general physical examination. Eye examination: both eyes implication. Bid the eyes the pain of the pain	Welsh Springer Spaniel	Not Known	suspension for injection for dogs- 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017) 12/12/2017/18R>-RBS-Nobiwac Parvoc - 1,N/A,N/A, 24,1 Dose 1 Animal (12/12/2017) 12/12/2017/18R>-RBS- CAVASAN COGCALF - N/A,N/A,N/A 12/12/12/12/12/12/12/12/12/12/12/12/12/1	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidence (Beasen floware that the property of t	Welsh Springer Spaniel	Not Known	suspension for injection for dogs- 1A/NA/N, 24.1 Doss 1 Amimal (12/12/2017). 12/12/2017; MERN-BR-Nobiwac Parwo C 1M/NA/N, 24.1 Doss 1 Amimal (12/12/2017). 12/12/2017-1889-SBN- CAMONAH OGGALE* - NA/NA/N/A 2A/UMROWN UMROWN (D DUK) 00/12/2017/1881-88N-Nobiwac DRP- 13/NA/NA, 24.1 Doss 1 Amimal (26/11/2017)-88N-BR-Nobiwac L4, suspension for injection for dogs-	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSO-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating_Localised triching_Swellen face (see also 'Skin'),Shaking Blindness,Eye disorder NOS (for photophobia see "neurobjecta", Patriol disorder NOS,Mydnasis,Pain NOS,Listless,Feer,Anormal menace reflex test,Anormal pupil light reflex,Tind eyelid	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Rapideron (Seasmethasone), Wilthin a few hours the pup recovered. No further information expected. [Reason of its user for selection of Rapideron (Seasmethasone), Wilthin a few hours the pup recovered. No further information expected. [Reason for user for selection of Remirch (Season Vaccination Generic: ABICANINE / PI IAR/V Brand: NOBIVAC C XXXXD5-2XXIDS DIL SID Reason: Vaccination Generic: CANINE PARVO LV Brand: NOBIVAC C PARVO-C 10XIDS GID Reason: Vaccination [Seate of health. Good] Saspected Adverse Reaction On 28 fow 2017 the dog was vaccinated with Noblava CPIP and Noblava CLL 2. Dours later the dog was sliteles and the eyes seemed strange: they seemed somewhat erteracted and there was protousion of the third eyelids. The dog seemed to be in also of pain. 3 days later the dog was slaten to the vet: temperature 36.6 degrees celsius, portunion of third eyelids, no other almormatilities on general physical examination. Eye examination: both eyes mightiss: Right eye decreased pupil reflex, left eye no pupil reflex at all. Comea not damaged, tear production of Right eye comeal reflex (pilm krefley) present, left eye absent. Both cellinations, Alox the left eyeball is somewhat retracted. The vets differential adapsosis is flower of syndrome. Blood technismstyp in significant abnormalities: on general adapsocial examination.	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201:	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vel where is was treated with an injection of Registering (Beasenthasone), Within a few hours the pup recovered. No further information expected. (Beasen for use for product, Genetic: LETO** AGENTE PASINITY, BE FRANCH NORTH CALL DATIOS 547 Reason: Vaccination Genetic: BB CANINE / PI LBA/V BEFANCH NORTH/AC KZ SXLIGS-25XLIGS BLG BRASON: Vaccination Genetic: CANINE PAPOL VI S Brand: NORTH/AC REAVISION 550 Reason: Vaccination Genetic: CANINE PAPOL VI S Brand: NORTH/AC REAVISION 550 Reason: Vaccination (Seate of health: Good) 3.Aspected Adverte Reaction. On 26 Nov 2017 the dog was vaccinated with Nobivac DHP and Nobivac LA. 2 hours later the dog was lattless and the eyes seemed strange: they seemed somewhat retracted and there was posturious of the three dog, was lattless and the eyes seemed strange: they seemed somewhat a John size the date there was posturious of the three wides. The dog seemed to be in also fig alon: John size the decreased poly infection of the three was postured to be in also fig alon: John size the decreased poly infection of the party of the size of the size of the party of the size of the si	Welsh Springer Spaniel	Not Known	suspension for injection for dogs- 1A/NA/N, 24.1 Doss 1 Amimal (12/12/2017). 12/12/2017; MERN-BR-Nobiwac Parwo C 1M/NA/N, 24.1 Doss 1 Amimal (12/12/2017). 12/12/2017-1889-SBN- CAMONAH OGGALE* - NA/NA/N/A 2A/UMROWN UMROWN (D DUK) 00/12/2017/1881-88N-Nobiwac DRP- 13/NA/NA, 24.1 Doss 1 Amimal (26/11/2017)-88N-BR-Nobiwac L4, suspension for injection for dogs-	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidence (Jeasane Hassen). Willhim a few hours the pup recovered. No further information expected. [Reason for use for product. Genetic: LETO-41(CTA,GA,GEPB,BRA)] RB Brand N. DRBIACL L. 61 JUID. 54 Reason: Vaccination Genetic: BB CANINE / PI EA/V Brand: NOBIVAC CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Genetic: CANINE PAPAVOL VS Brand: NOBIVAC CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Genetic: CANINE PAPAVOL VS Brand: NOBIVAC CARVOC-L DIXTLDS GSID Reason: Supported Alverse Reaction. On 28 Nov 2017 the dog was vaccinated with Noblace DHP and Nobbac. L. 2. Dours later the dog was staten to the eyes seemed strange: they seemed somewhat erteracted and there was protrous on of the third vegletis. The dog seemed to be in also to fails also share the dog was staken to the vet: temperature 36.6 degrees Celsius, protrusion of third eyelds, no other abnormalities on general physical examination. Eye examination: both eyes impossins. Right eye decreased pupil reflex, left eye no pupil reflex at all. Comea not damaged, tear production of. Right eye comeal reflex (pilk in reflex) present, left eye absent. Gold-horistiny; no significant abnormalities on general physical examination. Eye examination charters with Cavasan extracted. The vets differential diagnosis is thorner Syndrome. Blood tests were performed flematology and blood-horistiny; no significant abnormalities.	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	B - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSO-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201:	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regidence (Beasen General Carlotter), within a few hours the pup recovered. No further information expected. (Beasen for use for product, Generic: LETO** (APRICA), MERITA BEATE WAS INTEREST. AND ALSO SET AREAS OF ALSO SET ALSO	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vet where is was treated with an injection of Repidence (Jeasane Hassen). Willhim a few hours the pup recovered. No further information expected. [Reason for use for product. Genetic: LETO-41(CTA,GA,GEPB,BRA)] RB Brand N. DRBIACL L. 61 JUID. 54 Reason: Vaccination Genetic: BB CANINE / PI EA/V Brand: NOBIVAC CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Genetic: CANINE PAPAVOL VS Brand: NOBIVAC CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Genetic: CANINE PAPAVOL VS Brand: NOBIVAC CARVOC-L DIXTLDS GSID Reason: Supported Alverse Reaction. On 28 Nov 2017 the dog was vaccinated with Noblace DHP and Nobbac. L. 2. Dours later the dog was staten to the eyes seemed strange: they seemed somewhat erteracted and there was protrous on of the third vegletis. The dog seemed to be in also to fails also share the dog was staken to the vet: temperature 36.6 degrees Celsius, protrusion of third eyelds, no other abnormalities on general physical examination. Eye examination: both eyes impossins. Right eye decreased pupil reflex, left eye no pupil reflex at all. Comea not damaged, tear production of. Right eye comeal reflex (pilk in reflex) present, left eye absent. Gold-horistiny; no significant abnormalities on general physical examination. Eye examination charters with Cavasan extracted. The vets differential diagnosis is thorner Syndrome. Blood tests were performed flematology and blood-horistiny; no significant abnormalities.	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	5 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dop bites when the owner touches the injection site. The dop was taken back to the vet where is was treated with an injection of Rapidemon (Seasmethasone), Wilthin a few hours the pup recovered. No further information expected. [Reason of its user for selection of Englishment of the vet of the vice for selection of Englishment of the vet of Vet o	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regidence (Beasenthasone), Within a few hours the pup recovered. No further information expected. [Reason for use for product. Ceneric: LETO-14/CTAM,GRIPP,BARIY IXB PRIMA TOBIONAC LE JOINDS 547 Reason: Vaccination Generic: EMB READ (FIRE AND LET SIZE AND SIZE AN	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/NA/2,41 Dose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/NA/2,41 Dose 1 Animal 12/13/2017- 12/12/2017-18/18-08- CAMSAN OGGEATE - I/A/NA/NA/A 2,41 Unione Unione Unione Office of the Office of	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCXMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see the state of the state of the state NOSA, Mortans, Park of the state of the state India the state of the state of the state of the state of the state of th	No Data	not wanting to set. Also the injection site was painful, the dop bites when the owner touches the injection site. The dop was taken back to the vet where its was treated with an injection of Rapideron (Jeasamethasone), Wilthin a few hours the pup recovered. No further information expected. [Reason for use for product. Genetic: LETO* 14(CTACA,GENPBARIA THE BRIAN LOBBINAC LE JOLIDOS 547 Reason: Vaccination Genetic: RBCANINE / PI EAR/V Brand: NOBINAC EX CEXILOS-25XLIDS DIL EID Reason: Vaccination Genetic: CANINE PARVOL LY Brand: NOBINAC EX CEXILOS-25XLIDS DIL EID Reason: Vaccination Genetic: CANINE PARVOL LY Brand: NOBINAC EX CEXILOS-25XLIDS DIL EID Reason: Vaccination Genetic: CANINE PARVOL LY Brand: NOBINAC PARVOC L TOXILOS GIJO Reason: Vaccination I State of health. Good! 14. 2 hours later the dog was itsites and the eyes seemed strange: they seemed somewhat erteracted and there was protrous on of the time of the production of the dependent of the part of the par	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	ä - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regideen (Seasmethstone), Within a few hours the pup recovered. No further information expected. [Reason for user for product. Genetic: LETO-14(CTA, GLRIPP, BART) KB Brand N. DBIAVCL L. BIAVDE 5-37 Reason: Vaccination Genetic: CANIS (FLOCA, GLRIPP, BART) VB Frands: NOBIAVC KC ZSXLDS-25XLDS OIL 610 Reason: Vaccination Genetic: CANIS PARVOL VB Frands: NOBIAVC KC ZSXLDS-25XLDS OIL 610 Reason: Vaccination Genetic: CANIS PARVOL VB Frands: NOBIAVC ACRY CSXLDS-25XLDS OIL 610 Reason: Vaccination Genetic: CANIS PARVOL VB Frands: NOBIAVC ACRY CSXLDS-25XLDS OIL 610 Reason: Vaccination I State of health: Good! Sospected Adverse Reaction. On 26 Nov 2017 the dog was vaccinated with Nobivac DHP and Nobivac LA. 2 hours later the dog was itstess and the eyes seemed strange: they seemed somewhat retracted and there was protrouss on of the three vetters. The dog was taken to the vetter temperature 35 Geogrees Celsius, protrusion of third eyelids, no other above the vetter of the production of the dog was taken to the vetter temperature 35 Geogrees Celsius, protrusion of third eyelids, no other above the vetter of the production of the dog was taken to the vetter temperature 35 Geogrees Celsius, protrusion of third eyelids, no other above the vetter of	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC 14	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the injection site was painful, the dop bites when the owner touches the injection site. The dop was taken back to the vet where is was treated with an injection of Repidence (Jeasane Hassen). Wilthin a few hours the pup recovered. No further information expected. [Reason for use for product, Genetics 1870-1470, Alsgnape Sant J. R. Brand N. DRIANCL L. d DILDS 5-47 Reason: Vaccination Genetic: RB CANINE / PI EA/L V Brand: NOBINAC CC 25XLDS-25XLDS DIL EID Reason: Vaccination Genetic: RB CANINE / PI EA/L V Brand: NOBINAC CC 25XLDS-25XLDS DIL EID Reason: Vaccination Genetic: CANINE PARVOL LY Brand: NOBINAC CARVOC-L DIXLDS GID Reason: Vaccination Genetic: CANINE PARVOL LY Brand: NOBINAC PARVOC-L DIXLDS GID Reason: Vaccination I State of health. Good! Suspected Adverse Reaction. On 28 fox 902 217 the dog was succinated with Noblava CHP and Noblava CLL. 2. bours later the dog was situated to the size of the si	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	S - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner four-hes the injection site. The dog was taken back to the vet where is was treated with an injection of Regideeron (Seazmethstone), Within a few hours the pup recovered. No further information expected. [Reason for user for product. Genetic: LETO-14/CEA/GRIPP_BRAIN_IR Brand. NOBINAC K.C. 25XLIDS-25XLID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC K.C. 25XLIDS-25XLID SID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC K.C. 25XLIDS-25XLID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC REAVOL-2 CHILDS SID Reason: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC REAVOL-2 SID SID SEASON CAINS PAPAVOL V Brand: NOBINAC PARAVOL SID SID REASON CAINS PAPAVOL V Brand: NOBINAC PARAVOL VE SID SEASON CAINS PAPAVOL VE SID SEASON PAPAVOL VE SID SEASON PAPAVOL VE SID SEASON PAPAVOL VE SIDE SEASON PAPAVOL V	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC LA	N.LD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	2 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the Injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vel where is was treated with an injection of Repatement (Beasent Beasent Beasent), within a few hours the pup recovered. No further information expected. (Beasen for use for product, Cennic LETPO '400-CTA, GMEPPB ARIN' IX Brands NOBIAVE, CL 10x105 547 Reason: Vaccination Generic: BB CANINE / PI LAIV. Brands: NOBIAVE, CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Generic: CANINF APAVO LV Brands: NOBIAVE, CX 2XXLDS-2XXLDS ILE SID Reason: Vaccination Generic: CANINF APAVO LV Brands: NOBIAVE, CANIV. CANIV. SID GENERAL PROMOTE AND COLD SID Reason: Vaccination Generic: CANINF APAVO LV Brands: NOBIAVE, CANIV. CAN	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	5 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201:	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner four-hes the injection site. The dog was taken back to the vet where is was treated with an injection of Regideeron (Seazmethstone), Within a few hours the pup recovered. No further information expected. [Reason for user for product. Genetic: LETO-14/CEA/GRIPP_BRAIN_IR Brand. NOBINAC K.C. 25XLIDS-25XLID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC K.C. 25XLIDS-25XLID SID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC K.C. 25XLIDS-25XLID SID REASON: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC REAVOL-2 CHILDS SID Reason: Vaccination Genetic: CAINS PAPAVOL V Brand: NOBINAC REAVOL-2 SID SID SEASON CAINS PAPAVOL V Brand: NOBINAC PARAVOL SID SID REASON CAINS PAPAVOL V Brand: NOBINAC PARAVOL VE SID SEASON CAINS PAPAVOL VE SID SEASON PAPAVOL VE SID SEASON PAPAVOL VE SID SEASON PAPAVOL VE SIDE SEASON PAPAVOL V	Welsh Springer Spanlet	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCIONSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the Injection site was painful, the dop bites when the owner fourches the injection site. The down set taken but for the vet when its was trated with an injection of Repidence (Beasenthstone), Within a few hours the pup recovered. No further information expected. [Reason for use for product, Genetic LETO-14 (CARCA)GENPBARIN IXB BRIAN NOBINAC LE ADIOLS 547 Reason: Vaccination Genetic: RB CANINE / PI LRI/V Brand: NOBINAC KC ZXXLDS-25XLDS DIE EID Reason: Vaccination Genetic: CANINE PARVOL VE floate; NOBINAC REAVOL CE STORDS CANINC PARVOL ES DIE READ CONTROL PARVOL VE STORD CANINC PARVOL PE STORD CANINC PARVOL VE STORD CANINC PARVOL PE STORD CANINC PARVOL VE STORD CANINC PARVOL VE STORD CANINC PARVOL PE ADIA CANINC PARVOL VE STORD CANINC PARVOL PE ADIA CANINC PARVOL VE STORD CANINC PARVOL PE ADIA CANINC PARVOL PA	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
NOBIVAC L4	NLD-MERCKMSD-2017-NL-01233	Netherlands	Animal	Canine/dog	8 Year(s)	26/11/2017	21/12/2017	1 1	0 26/11/201	BR> Yes Not Known, >BR > >CBR> >CBR> >CBR> <cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR><cbr>>CBR>></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr></cbr>	oedema, Not eating, Localined Itching, Swollen Face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia are photophobia are NOSA, Martias, Pere, Almormal menace reflex test, Almormal pull light reflex, Third eyeld protrusion, Drooging eyelld, nighest.	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vel where is was treated with an injection of Registering injection site. The dog was taken back to the vel where it was treated with an injection of Registering (Beason for use for product, Ceneric: LETO** (APPACE**). The STATE	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	ä - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
		Netherlands	Animal	Canline/dog	8 Year(s)	26/11/2017	21/12/2017	1 1		BR~BR>Yes Not Known, BR~BR Known, BR~BR RR-BR-GR-GR	oedem, Not eating, Localised Itching, Swollen face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see "Neurological"), Retinal disorder NOS, Mydness, Pain NOS, Lottess, Eyew, Almormal menace reflex test, Almormal pupil light reflex, Think eyeld off, piected science.	No Data	not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regidence (Beasenfeath of the Work of the W	Welsh Springer Spaniel	Not Known	suspension for Injection for dogs: 1,1/A/N/A,24,1 bose 1 Animal (13/12/2017- 12/12/2017-18/18-08-Nobivac Parov-C - 1,1/A/N/A,24,1 bose 1 Animal (12/12/2017- 12/12/2017-18/18-08- CAMSAN GOGZAIF- /N/A/N/A/N/A 2,3,Usrkown Unknown (5 Dayls) 29/11/2017- 04/12/2017/e8R-58R-Nobivac DHP- 1,1/A/N/A,24,1 bose 1 Animal (26/11/2017- 26/11/2017-18/18-08R-Nobivac LI, suspension for Injection for dogs- 1,1/A/N/A,24,1 bose 1 Animal	3 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments
	NLD-MERCIMSD-2017-NL-01233	Netherlands Netherlands		Canline/dog		26/11/2017 16/12/2017	21/12/2017	1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem Not eating.Localised itching.Swollen face (see also 'Skin').Shaking Bilindenss.Eye disorder NOS (for photophobia see photophobia see NOS.Mydras.Eye disorder NOS.Mydras.Pin NOS.Littles.Fever.Ahnormal photophobia see protrusion.Drooping eyelid,Injected sclera Breathing difficulty.Facial swelling Breathing difficulty.Facial swelling	No Data	not wanting to set. Also the Injection site was painful, the dop bites when the owner touches the injection site. The dops was taken back to the vel where is was treated with an injection of Repatement (Beasent Beasent), within a few hours the pup recovered. No further information expected. (Beasen for use for product, Ceneric: LEPTO*4017-CAN,GEMPBARIX IR BRIAND NOBINCE, LE DATION 1878-188-188-188-188-188-188-188-188-188	Welsh Springer Spaniel Jack Russell	Not Known	suspension for injection for dogs- 1/A/N/A/A 241 Dose 3 Animal (12/12/2017- 12/12/12/12/12/12/12/12/12/12/12/12/12/1	5 - Possible 5 - Possible	Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the Mort. Causality 8 – Possible
								1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem, Not eating, Localised Itching, Swollen face (see also 'Skin'), Shaking Blindness, Eye disorder NOS (for photophobia see "Neurological"), Retinal disorder NOS, Mydness, Pain NOS, Lottess, Eyew, Almormal menace reflex test, Almormal pupil light reflex, Think eyeld off, piected science.		not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regulateric places and the property of the prop	Spaniel	Not Known	suspension for injection for dogs- 11/A/N/A/A 241 Dose 1 Animal (12/12/2017- 1		Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible
								1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem Not eating.Localised itching.Swollen face (see also 'Skin').Shaking Bilindenss.Eye disorder NOS (for photophobia see photophobia see NOS.Mydras.Eye disorder NOS.Mydras.Pin NOS.Littles.Fever.Ahnormal photophobia see protrusion.Drooping eyelid,Injected sclera Breathing difficulty.Facial swelling Breathing difficulty.Facial swelling		not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vel where is was treated with an injection of Registeric injection of Registeric injection site. The dog was taken back to the vel where it was treated with an injection of Registeric flow use for product. I do not see that the provided provided in the case of the second	Spaniel	Not Known	suspension for injection for dogs- 1,1/A/N/A, 24,1 Dose 3. Animal (12/12/2017) 12/12/2017/18/BPS-BR-Nobbac Parvo-C - 1,1/A/N/A, 24,1 Dose 1 Animal (12/12/2017) 12/12/2017/18/BPS-BR- ACMANA DOGSALP - I/A/N/A/N/A 2,3,Undrown Unknown (5 Dayls) 00/12/2017/BRS-BR-Nobbac DRS- 1,1/A/N/A, 24,1 Dose 1 Animal (26/12/2017) 12/12/2017/BRS-BR-Nobbac L4, suspension for injection for dogs- 1,1/A/N/A, 24,1 Dose 1 Animal (26/11/2017-26/11/2017) 12/BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-		Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the Mort. Causality 8 - Possible
								1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem Not eating.Localised itching.Swollen face (see also 'Skin').Shaking Bilindenss.Eye disorder NOS (for photophobia see photophobia see NOS.Mydras.Eye disorder NOS.Mydras.Pin NOS.Littles.Fever.Ahnormal photophobia see protrusion.Drooping eyelid,Injected sclera Breathing difficulty.Facial swelling Breathing difficulty.Facial swelling		not wanting to set. Also the injection site was painful, the dog bites when the owner fourches the injection site. The dog was taken back to the vet where is was treated with an injection of Regulateric injection site. The injection site is not to the vet when the was treated with an injection of Regulateric injection of Regulateric Generic LEPTO-4 (InfeCTAM, GRIPP, BART) WE BITEM ORDINATE, LE JOINDS 547 Reason: Vaccination Generic: CANINT PLOTA (FAM, GRIPP, BART) WE BITEM ORDINATE, LE JOINDS 547 Reason: Vaccination Generic: CANINT PANOL VIS frand: NOBINAC KC 25XLIDS-25XLID SIL SID Reason: Vaccination Generic: CANINT PANOL VIS frand: NOBINAC REAVICE: LEDIOLS 540 Reason: Vaccination Generic: CANINT PANOL VIS frand: NOBINAC PANOL VIS GRIPP. AND CANINT PANOL VIS GRIPP. AND CANIN	Spaniel	Not Known	suspension for injection for dogs- 11/A/N/A/A 24.1 Dose 3 Animal (12/12/2017- 12/12/12/2017- 12/12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/2017- 12/12/12/12/12/12/12/12/12/12/12/12/12/1		Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the Mort. Causality 8 - Possible
								1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem Not eating.Localised itching.Swollen face (see also 'Skin').Shaking Bilindenss.Eye disorder NOS (for photophobia see photophobia see NOS.Mydras.Eye disorder NOS.Mydras.Pin NOS.Littles.Fever.Ahnormal photophobia see protrusion.Drooping eyelid,Injected sclera Breathing difficulty.Facial swelling Breathing difficulty.Facial swelling		not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vel where is was treated with an injection of Registeric injection of Registeric injection site. The dog was taken back to the vel where it was treated with an injection of Registeric flow use for product. I do not see that the provided provided in the case of the second	Spaniel	Not Known	suspension for injection for dogs- 1,1/A/N/A, 24,1 Dose 3. Animal (12/12/2017) 12/12/2017/18/BPS-BR-Nobbac Parvo-C - 1,1/A/N/A, 24,1 Dose 1 Animal (12/12/2017) 12/12/2017/18/BPS-BR- ACMANA DOGSALP - I/A/N/A/N/A 2,3,Undrown Unknown (5 Dayls) 00/12/2017/BRS-BR-Nobbac DRS- 1,1/A/N/A, 24,1 Dose 1 Animal (26/12/2017) 12/12/2017/BRS-BR-Nobbac L4, suspension for injection for dogs- 1,1/A/N/A, 24,1 Dose 1 Animal (26/11/2017-26/11/2017) 12/BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-BRS-		Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the Mort. Causality 8 - Possible
								1 1		BR~BR>Yes Not Noterin GBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~BBI~	oedem Not eating.Localised itching.Swollen face (see also 'Skin').Shaking Bilindenss.Eye disorder NOS (for photophobia see photophobia see NOS.Mydras.Eye disorder NOS.Mydras.Pin NOS.Littles.Fever.Ahnormal photophobia see protrusion.Drooping eyelid,Injected sclera Breathing difficulty.Facial swelling Breathing difficulty.Facial swelling		not wanting to set. Also the injection site was painful, the dog bites when the owner touches the injection site. The dog was taken back to the vel where is was treated with an injection of Registeric injection of Registeric injection site. The dog was taken back to the vel where it was treated with an injection of Registeric flow used for use of product. A confict site of the product of the registeric injection of Registeric infections of the product of the registeric injection of Registeric Registeric Canada (Rescon Technical Centric Let 10x105 547 Reason: Vaccination Generic: Res CANINE / PI LRIV Brand: NOBIVAK CXXXLDS-25XLDS DIL 610 Reason: Vaccination Generic: Res CANINE / PI LRIV Brand: NOBIVAK CXXXLDS-25XLDS DIL 610 Reason: Vaccination Generic: CANINE PARVOL V Brand: NOBIVAK CXXXLDS-25XLDS DIL 610 Reason: Vaccination Generic: CANINE RAPAVOL V Brand: NOBIVAK CXXXLDS-25XLDS DIL 610 Reason: Vaccination I State of Health. Good! 3.2 Thus later the dog was talken to the Recition on the Nov 2017 the dog was vaccinated with Nobivac DHP and Nobivac LX. 2 hours later the dog was talken to the velocity of the Vaccination of Va	Spaniel	Not Known	suspension for injection for dogs- 1,1/A/N/A, 24,1 Dose 3. Animal (12/12/2017- 12/12/2017-		Multiple products used. Product involvement is suspected. Therefore, causality 8 – Possible CA agrees with causality assessment and comments of the Mort. Causality 8 - Possible

	NLD-MERCIONSD-2018-NL-00058	Netherlands		Canine/dog	6 Week(s)	18/01/2018	09/04/2018	1 1		* * * * * * * * * * * * * * * * * * *	CBNBBNBBNBBNBBNBBNBBNBB	necropsy finding.Weak pulse		Suspected Adverse Reaction. On 29 Dec. 2017 The pap was vaccinated with Nobbarc Puppo IP after which a small sensitive lump at the injection side developed. On 18 Jan 2018 the pup was vaccinated with Nobbarc Carlo On 18 Jan 2018 the pup was vaccinated with Nobbarc Parvoc. 2 and Nobbarc Carlo On 18 Jan 2018 the pup was vaccinated with Nobbarc Parvoc. 2 and Nobbarc Carlo On 18 Jan 2018 the pup was vaccinated with Nobbarc Carlo On 18 Jan 2018 the pup was vaccinated with Nobbarc Carlo One 20 Jan 20	or B	Not g Known	Amoulbactin - N/AN/AN/A M/AU/Aminow III Loyki [319/01/2018- 20/01/2018]:eRR-eRB-Deaglect - N/AN/AN/AN AN/AU/Aminown 119/01/2018- 19/01/2018-BR-GBL-GBL-GBL-GBL-GBL- SUN/AN/AN/AN/AU/AU/AU/AMINOWN 100/01/2018-BR-BR-babbyac L4, suspension for injection for dogs: 11/AN/AN/A.21 Dosage from 1 Animal (18/01/2018- 18/01/2018):eRR-eBR-babbyac Paproc - 1-N/AN/A.24, 100 set 1 Animal (18/01/2018- 18/01/2018):eRR-eBR-babbyac Papro - 1-N/AN/A.24, 100 set 1 Animal (18/01/2018-BP-preventax 10 mg/misolution for injection for dogs and cats (NA/AN/A.24). Total cats. In Mg/misolution for injection for dogs and cats (NA/AN/A.24). All cats. In Mg/misolution for injection for dogs and cats (NA/AN/A.24). All cats. In Mg/misolution for injection for dogs and cats (NA/AN/AN/A.24). All cats. In Mg/misolution for injection for dogs and cats (NA/AN/AN/A.24). All cats. Own.	B - Possible	Large injection site lump (after second vaccination): toole association in time (seet day) and anatomical site. Shock, selures and death: close association in mere C days), Multiple products used. Therefore, overall causality B-Possible.
	NLD-MERCIMISD-2018-NL-00067	Netherlands	Animal		2 Year(s)	25/01/2018	23/02/2018	3 1		Я	/es, ≺BR>≺B t>≺BR>∀es	Foam in the trachea, Death Circulatory collapse (see also 'Neurological' and Systemic disorders'), Ahonomal necropsy finding, Shock, Pale mucous membrane, Vomiting, Anaphylaxis, Pu Imonary congestion, Lung oedema	No Data	Saspected Adverse Reaction. Around 26 Jan 2018 3 dogs from the same owner were vaccinated with Nobbac L4. When they arrived back home from the vt. 1. dog was in had condition (incliear which symptions were seen). The owner took the dog back to the vet immediately, but the dog ided at arrival. The dog was seen in for autopory, results pending: Follow-up (D3 Jan 2018). For 25 Jan 2018 3 dogs were vaccinated with Nobbac L4 and Nobbac KC. On the way home from the vet. 1 dog started vomiting. When they arrived home, the dog collapsed at the door. The owner humide daks to the vet, but the dog was already dead when they arrived there. The mucuous membranes were as white as paper. Also the region mortis occurred very quickly according to the vet. The vet reported the dog had very red skin due to excitation just before the vaccinations were administered. The dog was serin in for autopoy, Prelimenary results: macroscope; offfice dark red heavy and wet lungs, foam in the traches which is indicative for oedems/congestion of the lungs. Histology will be performed to determine the cause. Follow-up for 18th 2016-up or 21 #20 ±30 final subory serious: congestion of multiple parenchymatic organs and also lung oedems. These signs are suggestive of shock, which lead to the death of the dog it trannot be excelled that the vaccination was the cause of the shock. No further information expected. [Reason for use for product: Generic: EPTO*4[CT,CAN,GRIPPBART] K8 Brank NOBIN/LC KC 25XID5-25XIDS DIL 610 Reason: Vaccination] (State of health: Unknown)	American Staffordshire Terrier	Not Known	Animal IZ-5/01/2018- 25/01/2018-BRBR-hobbac L4, suspension for injection for dogs - 1,N/A/N/A 24.1 Does 1 Animal (25/01/2018-25/01/2018)-BRBR-	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality B - Possible
NOBIVAC L4	NLD-MERCKMSD-2018-NL-00076	Netherlands	Animal	Canine/dog	2 Month(s)	29/01/2018	30/01/2018	1 1	0 29	/01/2018 Y	/es, <b R> >Yes</b 	Eyelid oedema,Swollen lip (see also 'Skin'),Allergic pruritus	No Data	Suspected Adverse Reaction. On 29 Jan 2018 a dog was vaccinated with Nobbwac 14 and Nobbwac Parvoc-C. 30 min after vaccination the dog developed swollen yellist and lips, also appears to have purutus. Normal temperature (8.5 Celsius). Treated with injection Dexadrieson. Recovered immediately. No more information severected. [Reason for use for product. Generic: CANINE PARVO IV Brand. NOBINAC PARVO-C. DIXIDS 610. Reason: Vaccination. Generic: LEPTO*4[ICT.AMQ,RIPP_BRAT] KB. Brand: NOBINAC L4 IDXIDS 547. Reason: Vaccination] [Sate of health: Unknown]	Chihuahua	1.1	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 24,1 Dose Unknown 1 Animai (29/01/2018-29/01/2018-BR~BRNobivac Parvo-C - 1,N/A,N/A, 24,1 Dose Unknown 1 Animai (29/01/2018-29/01/2018-BR~BR>-BR>-BR>-BR>-BR>-BR>	B - Possible	CA agrees with causality assessment and comments of the MAH. Causality 8 - Possible.
NOBIVAC L4	NLD-MERCKMSD-2018-NL-00104	Netherlands	Animal	Canine/dog	9 Week(s)	01/02/2018	08/02/2018	1 1	0 01	R K > N K	No, No, No, Not (nown, Not Not Not (nown, Not (nown, Not Known Not Known	Anaphylactic shock	Not Known	Suspected Adverse Reaction. Acound Feb. 2013 the pup was succinated with Nobiace Pano-C. Nobiace LA. Nobiace Kan Mobiace Raise Set which it developed anaphylactic shock. Outcome unknown. This was reported to MSD by the vet of another pup (owner heard it from the breeder) from the same litter (see case 2018—10.0103), not by the own vet (unknown who this is) of the concerned pup. No further information expected. CA 6 March 2018. Changed Animal suspect drug Nobiace Raises: "Use according to label," since the dog is approximate 9 weeks oil. Reason for use for product. Generic: CANNER PARVO LIV Branch NOBINIVA FARVO-C 100.015 610 Reason. Vaccination Generic: BC CANNER PARVO LIV Branch NOBIAVA EXPLORED AND LIVE STATE OF THE STATE	: Other Canine/dog	Not Known	NOBINCE RABIES - 1.N/A.N/A. 24.1 Dose 1 Animal (UO/2/2018- UO/2/2018)-ER-NEB-NebNuck KC-1.N/A.N/A 24.1 Dose 1 Animal (UO/2/2018)-ER-NeBN-NebNuc L4, suspension for injection for dogs - 1.N/A.N/A. 24.1 Dose 1 Animal (UO/2/2018)-ER-NebNebNebNebNebNebNebNebNebNebNebNebNebN	O1 - Inconclusive	Time to onset of clinical sign is unclear. Vaccines are known to possibly cause or trigger systemic reactions. Clinical sign could be related to a hypersensitivity reaction. Multiple products used. Inselficient data. However, product involvement could not be fully excluded. Therefore, causality 01-inconclusive.
	NLD-MERCIONSD-2018-NL-00128	Netherlands		Human		18/01/2018		1 1		K > N	Not Known, <br≻<br ×SBR> Not Known</br≻<br 	Diarrhoea, Vomiting, Suspected infectious agent transmission	Not Known	Haman exposure symptomatic. On 18 Ian 2018 2 pags from the same filter were vaccinated with Nobbiec Panor-C and Nobbiec. LA IA-C recicional host hogo developed vorming and dishribose (see case 2018-NL-00123). Also the owner herself developed vormiting and dishribose (see case 2018-NL-00123). Also the owner herself developed vormiting and dishribose on 19 Ian 2018, according to the receiver and the state of the pups when cleaning it up. The wet doesn't know when exactly the owner recovered, but assumes he was recovered at the time the owner less of the pups when cleaning it up. The water downer have a case of the pup of	Human	Not Known	Nobivac L4, suspension for injection for dogs - 1_a_24=Rs-4Rs-Nobivac Parvo-C - 1,24 	N - Unlikely	CA agrees with causality assessment and comments of the MAH. Causality N-Unlikely.
NOBIVAC L4	NLD-MERCIXMSD-2018-NL-00153	Netherlands	Animal	Canine/dog	8 Year(s)	26/02/2018	28/02/2018	1 1	0 27	/02/2018 Y	/es, Yes	Vomiting.Loss of consciousness.Panting.Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Listless	No Data	Suspected Adverse Reaction. On 26 Feb 2018, around 1 pm, the dag was vaccinated with Nobiusc DHP and Nobiusc LN 27 Teb 2018, around 5 pm, the dag sudenly started parting; left over and was gone (assumed loss of consciousness is meant). When the dag woke up again (several minutes later), it strated vorniting and was listless. The dog was then taken to the vet: after, thin mucusi membranes, temp. 38.5 degrees Cebius. The only abnormality on general physical examination was a cardisc murmar and an irregular heart beat, but the dag lease) had his for some time (so already present before the vaccination was given). But the dag lease) had his for some time (so already present before the vaccination was given). But the dag lease had now the dag 8 doing on. On. 20 Maz 2018 the dag has another appointment for further testing. The dag has been vaccinated every year before without any problems. Follow-up information pending Follow-up (5 Maz 2018) the dag came to the vet on 2 Maz 2018 for an CCC. no abnormalities. The dag hasn't had any more symptoms since 27 red 2018, the dag of doing well. The vet had planned to do an unitrisound of the heart and blood tests, but the owner canceled the scheduler of the day of the day was the day of t	,	Not Known	Nobiac 0HP - 1.N/A/N/A 21, Dose 1 Animal [26/07/2018- 1 Animal [26/07/2018-] Color 1 Animal [26/07/2018-] Color 1 Animal 26/07/2018-[Color 1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-26/07/2018-68-ABP-1 Animal 26/07/2018-68-ABP-1 Animal 26/07/2018-68/0	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality 01-inconclusive.

NOBIVAC L4	NLD-MERCKMSD-2018-NL-00174	Netherlands	Animal	Canine/dog	1 Year(s)	01/02/2017	22/02/2018	1 1	0 01/2	2/2017 Not Kr	nown	Lack of efficacy	Not Known	Case received via agency imported case (see case 2018-NL-00144). Suspected Lack of Expected Efficacy. The dog was diagnosed with Leptopsirosis (confirmed with MAT test, Leptospira serovar	German Shepherd Dog	26	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A ,24,1 Dose 1	O1 - Inconclusive	CA agrees with causality assessment and comments of the MAH. Causality O1-inconclusive.
														Copenhageni). Dog showed icterus and was loosing weight. Dog was succinated with Nobiwa L4 ten months before. The dog was treated with Doxoral for 3 weeks, an injection of Creenia, perditione, Zfac and an injection of Doplocilline after which the dog recovered from the Leptospirosis (unknown when exactly, estimated at Jan 2018). No further information expected. The dog developed loss of voice during the third week of treatment with Doxoral, see case 2018-814-0344. [Reason for use for product: Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBIVAC L4 10X1D5 547 Reason:			Animal (01/02/2017- 01/02/2017) BR> 		
	NLD-USMERIAL-17NL000051	Netherlands	Animal	Canine/dog	,	04/04/2017	05/04/2017	1 1			R> Yes	Reddening of the skin, Pruritus	No Data	As reported by the veterinary technician dog Nera (Belgian sheppert, neutreed female, born 2-2-08-701) 5-6 Sql received on the 4th of April 2017 around 15.00h a vaccination (Nobleva C., batch A05-04.01), engdate 12-20.01) and also a chew Neugard L (batchn A14174PA, exp date 12-2018), Around 15-30h the same day the dog expinement devere puritis and refenses of the skin, which persisted for almost days. In the aftermoon of the 6th of April Near recoverd to almost normal again. [Reason for use for product: Generic AOVOLANER 138 And CREWABLE TABLES Standt NEUGARD (135 mg) sawardableton voor honden 25-50 kg Reason: Flea and Tick Treatment Generic: Brand: Noblova L4 Reason: Bouline vaccination! [State or health: Good!	Canine/dog		NEXGARD (136 mg) kauwtabletten voor honden >25-50 kg - 1,N/A,N/A ,24,1 Dose 1 Animal (04/04/2017- 04/04/2017\BR>-8R>-Nobivac L4 - 1,N/A,N/A,24,1 Dose 1 Animal (1 Day(s) 04/04/2017- 04/04/2017\BR>-8R>		
	NO-NONOMA-2017-8679	Norway	Animal		Not Known	01/01/2017	29/06/2017	1 1			R> Yes	Injection site swelling,Lethargy (see also Central nervous system depression in 'Neurological'),Vomiting,Diarrhoea		The report is sparse in information. One dog vaccinated With Nobbac L4 and Nobbac CHPPP. The dog developed lethrapy, voniting, darknown and a local subcutaneous swelling at the injection site (3cm in diameter). No further information is given in the report.		Known	Nobivac DHPPI vet - 1,N/A,N/A ,10,N/A (01/01/2017- N/A) Nobivac L4, suspension for injection for dogs - 1,N/A,N/A,10,N/A (01/01/2017- N/A) 	B - Possible	Local swelling is a well known ADR according to the SPC.
NOBIVAC L4	No-Nonoma-2015-9322	Norway	Animal	Canine/dog	2 Year(s)	27/06/2015	01/07/2015	1 1	27/0	6/2015 Yes, <b< td=""><td>BR> Pes</td><td>Weak pulse, Tachycardia, Pale mucous membrane, Angioedema, Abnormal breathing, Circulatory collapse (see also Neurological' and 'Systemic disorders'), Red mucosae, Decreased body temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Anaphylactic shock</td><td>No Data</td><td>The dog was vaccinated With Noblevac DHFPH + Noblevac Lt, general health good. Five minutes after vaccination the owner comes back With the dog who had collaged outside. Morcos white almost bluich. Week putse, HR approx 2008pm. Uneven HR, very lethargic. 73 7,37 C. Treatment With I. v. NaCl, adrenalin, Ougern mark. Kept warm. The dog responded and HR was 100 bpm. 7,38.7, two hours late the dog deteriorated; mucosal mmembranes became dark red, skin around eyes and muzzle swelled and becamer let HR 2000bpm, fast respiration. Another bloss lot I. full, elementy, discarnessors. Els minutes later the HR was reduced to 120 bpm and the mucous membranes became lighter red. Better public quality. The dog semend quicker and was unitariting romally. The dog was sent to an ICU in another clinic. At departure the HR was 150 bpm, 7 38,9°C and mucosalmembranes lighter/better colorued.</td><td>Not Applicabl</td><td>e 1.75</td><td>Nobiac DHPPI - 1,N/A.N/A _10.N/A (27/06/2015.N/A)eRs-eRs.Notic L4, suspension for injection for dogs 1,N/A.N/A _10.N/A (27/06/2015- N/A)+BR>-6BR></td><td>A - Probable</td><td></td></b<>	BR> Pes	Weak pulse, Tachycardia, Pale mucous membrane, Angioedema, Abnormal breathing, Circulatory collapse (see also Neurological' and 'Systemic disorders'), Red mucosae, Decreased body temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Anaphylactic shock	No Data	The dog was vaccinated With Noblevac DHFPH + Noblevac Lt, general health good. Five minutes after vaccination the owner comes back With the dog who had collaged outside. Morcos white almost bluich. Week putse, HR approx 2008pm. Uneven HR, very lethargic. 73 7,37 C. Treatment With I. v. NaCl, adrenalin, Ougern mark. Kept warm. The dog responded and HR was 100 bpm. 7,38.7, two hours late the dog deteriorated; mucosal mmembranes became dark red, skin around eyes and muzzle swelled and becamer let HR 2000bpm, fast respiration. Another bloss lot I. full, elementy, discarnessors. Els minutes later the HR was reduced to 120 bpm and the mucous membranes became lighter red. Better public quality. The dog semend quicker and was unitariting romally. The dog was sent to an ICU in another clinic. At departure the HR was 150 bpm, 7 38,9°C and mucosalmembranes lighter/better colorued.	Not Applicabl	e 1.75	Nobiac DHPPI - 1,N/A.N/A _10.N/A (27/06/2015.N/A)eRs-eRs.Notic L4, suspension for injection for dogs 1,N/A.N/A _10.N/A (27/06/2015- N/A)+BR>-6BR>	A - Probable	
	No-Nonoma-2016-10795	Norway	Animal		4.5 Year(s)			1 1			R> Yes	Restlessness,Erythema (for urticaria see Immune SOC),Angioedema,Ocular discharge	No Data	This healthy dog was vaccinated With Nobbace F and L4 approx 7 of clock in the afternoon on August 25. During the eventing the head started to swell. Approx 5 of clock in the moniting the dog was taken to the veterinarian. The swelling in the head was pronounced, evythema around the eyes and submandibule, the dog made "smacking" sounds and was stressed. Yellow discharge from right eye. Normal temp and after. The dog was treated With dipherhydramine 2 ng/ml Lm. One hour later the dogs had improved the swelling was relaced and the dog was sent home.	Crossbred		Nobivac L4, suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A (25/08/2016-N/A) >BR>Nobivac Pi - N/A,N/A,N/A,N/A,N/A (25/08/2016-N/A) 	A - Probable	
	No-Nonoma-2016-3861	Norway	Animal	Canine/dog	Not Known	10/03/2016	16/03/2016	1 1			R> Yes	Angioedema, Lethargy (see also Central nervous system depression in 'Neurological'), Anaphylactic shock	No Data	the dog was in general good helath and was vaccinated With Nobbac DHPR and Nobbac Lt in the same dose. Approx 15 minutes later the dog shows signs of hypowlemic shock and has drojn in blood pressure. the dog is treated With i. n fluids and contisone. After approx one hour swellings started to appear around the eyes and muzzle. The day after - the dog is still. 64 go after the dog is still. 6.6 2016 - revised: date of vaccination was 10.3.2016 [Not 11.3.2016 as first described.]	English Cocke Spaniel ie		Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (10/03/2016- N/A) BR>Nobivac L4 - N/A,N/A,N/A,N/A,N/A (10/03/2016- N/A) 	A - Probable	Both Components likely to have contributed to the reaction.
	NoNonoma-2016-0942	Norway	Animal			05/01/2016		1 1			R> No	Injection site swelling	Not Known	The dog was vaccinated With Rabisin vet and Noblace L4 on january 5, 2016. On January 13 the dog is seen by yet due to a swelling at the lightion site of vaccines. The swelling has he size of a tennishal and is filled With fluid. The cyst has two Chambers. 20 millitres of serous fluid is drained from the cyst. The vet is referring to swelling caused by Rabisin With the comment that this is not uncommon.	Munsterlande	27.2 er	Nobivac L4, suspension for injection for dogs - 1,N/A,N/A, 10,N/A (05/01/2016-N/A)<8R> Rabisin vet - 1,N/A,N/A,10,N/A (05/01/2016 N/A) 	A - Probable	Injection site swellings, also fluid filled, are not uncommon after vaccination. It is not possible to say which vaccine, or if both together, caused the swelling. However it is considered A=probable that vaccination caused the reaction.
	PL-NLINTVINT-2014-PL-00085	Poland	Animal	Canine/dog	6 Year(s)	10/03/2014	19/03/2014	1 1	0 13/6	R> <br< td=""><td>BR> <b R> Yes, cBR> < BR>Yes</b </td><td>Behavioural disorder NOS,Yomiting,Erythema (for urticaria see immune SOC,Pruntus,Lump,Localised oedema (not application site)</td><td>No Data</td><td>Supercted adverse reaction. Dog has history of few episodes of vomiting and indigestion, but diagnost was not performed. Animal received during one wilst Noblace L. Noblace NEPPs and Noblace Rables. After a deministration there was no reaction. Three days after administration nodules appeared in scrotum area, eyferhem in area of the amptiss and groin area. After a few hours on whole body area. Very strong purifus, animal was behaving like burned. Vomiting. Dedema of the one side of the muzile. Dog receives often arting strength, in third day of the reaction clacion twas administered. After 15 minutes reaction started to receive and received fully. Dog recovered. No more information is expected. [Reason for use for product. Generic: LETPO '44[CT.CAM,GRIP BARIA' RB Brand. NOBIVAC LA 10/LDS 548 Reason. Vaccination Generic. Ballest NAL AUDUNAT KV Brand: NOBIVAC RBBES 10/LDS 410 Reason. Vaccination [State of health: Good]</td><td>is Other Canine/dog</td><td>Not Known</td><td>NOBINICO DHPPI DXXIDS 410 - 1.N/A.W/A, 24,1 Dose Once 1 Animal (10/03/2014- 10/03/2014-BR->BR->NOBINICA L4 10/03/2014- 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA RABIES 10X1DS 410 - 1.N/A.N/A 24,1 Dose Once 1 Animal (10/03/2014-10/03/2014)-BR->-BR-></td><td>O - Unclassifiable/unassessa ble</td><td></td></br<>	BR> <b R> Yes, cBR> < BR>Yes</b 	Behavioural disorder NOS,Yomiting,Erythema (for urticaria see immune SOC,Pruntus,Lump,Localised oedema (not application site)	No Data	Supercted adverse reaction. Dog has history of few episodes of vomiting and indigestion, but diagnost was not performed. Animal received during one wilst Noblace L. Noblace NEPPs and Noblace Rables. After a deministration there was no reaction. Three days after administration nodules appeared in scrotum area, eyferhem in area of the amptiss and groin area. After a few hours on whole body area. Very strong purifus, animal was behaving like burned. Vomiting. Dedema of the one side of the muzile. Dog receives often arting strength, in third day of the reaction clacion twas administered. After 15 minutes reaction started to receive and received fully. Dog recovered. No more information is expected. [Reason for use for product. Generic: LETPO '44[CT.CAM,GRIP BARIA' RB Brand. NOBIVAC LA 10/LDS 548 Reason. Vaccination Generic. Ballest NAL AUDUNAT KV Brand: NOBIVAC RBBES 10/LDS 410 Reason. Vaccination [State of health: Good]	is Other Canine/dog	Not Known	NOBINICO DHPPI DXXIDS 410 - 1.N/A.W/A, 24,1 Dose Once 1 Animal (10/03/2014- 10/03/2014-BR->BR->NOBINICA L4 10/03/2014- 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA L4 10/03/2014-BR->BR->NOBINICA RABIES 10X1DS 410 - 1.N/A.N/A 24,1 Dose Once 1 Animal (10/03/2014-10/03/2014)-BR->-BR->	O - Unclassifiable/unassessa ble	
NOBIVAC L4	PL-NLINTVINT-2014-PL-00109	Poland	Animal	Canine/dog	45 Month(s)	21/02/2014	26/03/2014	3 1	0 21/0	2/2014 Yes, <b R><br< td=""><td>BR> <b R> Yes</b </td><td>Vomiting.Itching.Stomach pain,Swollen face (see also 'Skin')</td><td>No Data</td><td>Suspected Adverse Reaction. Three dogs from the same breeding were vaccinated at 16:20 [10 minute ancient vaccines was taken out from fride,]. In one of them face area swelling and it ch occurred about 2: hours after vaccine administration. Then vomiting and severe stomach ache occurred about 20:00. Dog was brought to vet clinic on 27:478-2014. Treatment was often with Rapidexon (decamethasone sodium phosphate) and No-5ag (dirotten) inhydrochloridum). No-5ag injection was repeated evening. All signs gone. No further information expected. [Reason for use for product: Generic: DHPPI LVB Randen (ORBINAC DHPP) ILOTTS 210 Reasons Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBINAC 14 IDXIDS 584 Reason: Unknown.] [State of health: Good]</td><td></td><td>Not Known</td><td>NOBINAC DHPPI IOXIDS 410- 1,N/A,N/A, 24,1 Dosage form Once 1 Animal (21/02/2014- 21/02/2014) RR>>RB>NOBIVAC L4 10XIDS 584 - 1,N/A,N/A, 24,1 Dosage form Once 1 Animal (21/02/2014-21/02/2014) RR>>BR></td><td>B - Possible</td><td></td></br<></b 	BR> <b R> Yes</b 	Vomiting.Itching.Stomach pain,Swollen face (see also 'Skin')	No Data	Suspected Adverse Reaction. Three dogs from the same breeding were vaccinated at 16:20 [10 minute ancient vaccines was taken out from fride,]. In one of them face area swelling and it ch occurred about 2: hours after vaccine administration. Then vomiting and severe stomach ache occurred about 20:00. Dog was brought to vet clinic on 27:478-2014. Treatment was often with Rapidexon (decamethasone sodium phosphate) and No-5ag (dirotten) inhydrochloridum). No-5ag injection was repeated evening. All signs gone. No further information expected. [Reason for use for product: Generic: DHPPI LVB Randen (ORBINAC DHPP) ILOTTS 210 Reasons Vaccination Generic: LEPTO*4[CT_CAN_GRIPP_BRAT] KB Brand: NOBINAC 14 IDXIDS 584 Reason: Unknown.] [State of health: Good]		Not Known	NOBINAC DHPPI IOXIDS 410- 1,N/A,N/A, 24,1 Dosage form Once 1 Animal (21/02/2014- 21/02/2014) RR>>RB>NOBIVAC L4 10XIDS 584 - 1,N/A,N/A, 24,1 Dosage form Once 1 Animal (21/02/2014-21/02/2014) RR>>BR>	B - Possible	
	PL-NLINTVINT-2014-PL-00321	Poland	Animal	Canine/dog	10.5 Week(s)	29/09/2014	29/09/2014	1 1	ol 29/0	9/2014 Yes, <b R><br< td=""><td>BR> <b R> No</b </td><td>Injection site pain,Abdominal pain,Diarrhoea,Blood in faeces,Decreased activity</td><td>Other</td><td>Suspected Adverse Reaction. Dog was brought to the clinic for its first vaccination, no changes in clinical examination. 3-60 minutes after Nobleco PIPPH with La deministration darmes with small amount of blood and mucus occurred. Dog became slient (not active as usually) and had painful abdomen. In clinical examination dog was sad and had a pain in site of injection (right flank). No mon changes in examination stated. After Buperoprophies subcutaneous and Pro-Kolin oral administration all signs had gone within few hours. No further information expected. [Reason for use for product Generic: DPPIP 1 (Park NOBINIX OFIPP 1001DS 401 Reasons First vaccination Generic: LEPTO*4(ICT_CAN_GRIPP-BRAT) VS. Brand: NOBIVAC L4 10X1DS 584 Reason: First vaccination) [State of health. Good</td><td>Yorkshire Terrier</td><td></td><td>NOBINAC DHPP I DXIDS 410 - 1,N/A,N/A, 24,1 Dosage form Once 1 Animal [29/09/2014- 29/09/2014) BR> >BR>NOBINAC L4 10XIDS 584 - 1,N/A,N/A, 24,1 Dosage form Once 1 Animal (29/09/2014-29/09/2014) BR> ></br></td><td>B - Possible</td><td></td></br<></b 	BR> <b R> No</b 	Injection site pain,Abdominal pain,Diarrhoea,Blood in faeces,Decreased activity	Other	Suspected Adverse Reaction. Dog was brought to the clinic for its first vaccination, no changes in clinical examination. 3-60 minutes after Nobleco PIPPH with La deministration darmes with small amount of blood and mucus occurred. Dog became slient (not active as usually) and had painful abdomen. In clinical examination dog was sad and had a pain in site of injection (right flank). No mon changes in examination stated. After Buperoprophies subcutaneous and Pro-Kolin oral administration all signs had gone within few hours. No further information expected. [Reason for use for product Generic: DPPIP 1 (Park NOBINIX OFIPP 1001DS 401 Reasons First vaccination Generic: LEPTO*4(ICT_CAN_GRIPP-BRAT) VS. Brand: NOBIVAC L4 10X1DS 584 Reason: First vaccination) [State of health. Good	Yorkshire Terrier		NOBINAC DHPP I DXIDS 410 - 1,N/A,N/A, 24,1 Dosage form Once 1 Animal [29/09/2014- 29/09/2014) BR> >BR>NOBINAC L4 10XIDS 584 - 1,N/A,N/A, 24,1 	B - Possible	
NOBIVAC L4	PL-NLINTVINT-2014-PL-00387	Poland	Animal	Canine/dog	6 Year(s)	13/12/2014	08/01/2015	1 1	0 16/3	> Not Known	n, <br BR>BR n, BR </br 	Dysproea,Nasal discharge,Sneeting	Not Known	Superted adverse reaction. During visit in the clinic day received Nobibac KE and Nobibac 10PH- Nobibac L4 (Dee injection in the neck area.). During the same visit the second day (Corker Spanie) of the owner was vaccinated without AEs. Three days after vaccination sonting, stracks of (nasal) dypropea, increasing on evening, nasal errors discharge, increase temperature 38.7-39.2 (mean during 3 consecutive visits), state of being normal, appetite normal. Around 18 Dec 2014 signs weer not reacting and treatment was initiated doxyring. Excitacl, lyder MEX.P. During list visit 19 Dec 2014 animal owner informed that before vaccination she noticed that do of the neighbor was coupling as well (list be did not report hat earlier to the visit, 0.7 of 1Dec 2014, attending vet received information from the owner's son; there is slight amelioration of the patient clinical status, quotion 'sometimes is better, sometimes is lowers'. Animal owner's refuded control visit before Christmas. Follow up on 08 Ian 2015. Attending veterinarian informed that patient is in good condition, since a week there were no disturbing signs. Treatment was performed for 20 days with Doxyrycline administrated twice daily. No more information is expected. [Reason for use for products: Generic: BEC AVINE /P II BLI/Y Brand: NOBIVAC DHP IDXIDS 41D Reason: Vaccination Generic: LEPTO*QLCT_CAN_GRIPP_BRAT] Ion. Brand: NOBIVAC DHP IDXIDS 54B Reason: Vaccination] (State of health: Good)	Yorkshire Terrier 5,	3.8	NOBINC DHE 10XIDS 410 - NA/NA/NA/A JUINDONNO TOCE 1 AN/NA/NA/A JUINDONNO TOCE 1 ANIMAI [13/12/2014 - 13/12	N - Unlikely	

	PL-NLINTVINT-2015-PL-00455	Poland	Animal	Canine/dog	11 Year(s)	09/11/2015	10/11/2015	1 1	1	09/11/2015	R≻ <br≻yes< td=""><td>Death,Abnormal posture NOS,pathy,Rehvaud sicorder NOS,ncreased heart rate,Cardiac arrest,Abnormal breathing</td><td>No Data</td><td>Siapected adverse reaction. A pet owner called the PV site to inform that he visited the veterinary clinic with his dog to vaccinate her with Nobicou-DPPH and nobboxe L14 vaccines. After 30 minutes from vaccinations the dog died. The pet owner asked to contact him to talk about vaccines and attending vet work heigh responsible for the dog's death. He was contacted and reported that during the walk outside with a lively dog he decided to vaccinate her. 5 minutes after vaccination he put do the dog on the gound to let her walk but she was benumbed and they returned to the clinic. The attending vet administered life saving injection but the dog died. The vet was performing cardiac life support procedure of about an hour. Sales re yea as saked to contact attending vet and collect missing information which stated as follows: The dog behaves: leverid and stands astride, shows apathly, body temperature within normal range, CET is shan 2 seconds heart rate 150 per minute. Teathernst with deamentsaone, adrenaline, phenazolinum was implemented. ECG was performed and showed ventricular righten to be steady with frequency of 150 per minute. After about half an hour the dog's status deteriorated, breathing rate increased and dog developed cardiac arrest. The vet performed cardiopulmonary resuscitation procedure with dog beging intrubuted. The procedure lested about 2 hours but the dog did not respond. No more information is expected. (Reason for use for product: Generic: DPPP1 VIGT.CANLGRIPS.BRAT) KiB Brand: NOBIVAC L4 10X1DS 584 Reason: Unknown.] (State of houbits: Good)</td><td></td><td></td><td>NOBINAC DHPP1 IDXIDS 410 - 11/A/N/A, 24.1 Dose force 1 Animal (09/11/2015- 09/11/2015- 09/11/2015- 09/11/2015- 084 - 11/A/N/A, 24.1 Dose Once 1 Animal (09/11/2015- 09/11/2015</td><td>B - Possible</td><td></td></br≻yes<>	Death,Abnormal posture NOS,pathy,Rehvaud sicorder NOS,ncreased heart rate,Cardiac arrest,Abnormal breathing	No Data	Siapected adverse reaction. A pet owner called the PV site to inform that he visited the veterinary clinic with his dog to vaccinate her with Nobicou-DPPH and nobboxe L14 vaccines. After 30 minutes from vaccinations the dog died. The pet owner asked to contact him to talk about vaccines and attending vet work heigh responsible for the dog's death. He was contacted and reported that during the walk outside with a lively dog he decided to vaccinate her. 5 minutes after vaccination he put do the dog on the gound to let her walk but she was benumbed and they returned to the clinic. The attending vet administered life saving injection but the dog died. The vet was performing cardiac life support procedure of about an hour. Sales re yea as saked to contact attending vet and collect missing information which stated as follows: The dog behaves: leverid and stands astride, shows apathly, body temperature within normal range, CET is shan 2 seconds heart rate 150 per minute. Teathernst with deamentsaone, adrenaline, phenazolinum was implemented. ECG was performed and showed ventricular righten to be steady with frequency of 150 per minute. After about half an hour the dog's status deteriorated, breathing rate increased and dog developed cardiac arrest. The vet performed cardiopulmonary resuscitation procedure with dog beging intrubuted. The procedure lested about 2 hours but the dog did not respond. No more information is expected. (Reason for use for product: Generic: DPPP1 VIGT.CANLGRIPS.BRAT) KiB Brand: NOBIVAC L4 10X1DS 584 Reason: Unknown.] (State of houbits: Good)			NOBINAC DHPP1 IDXIDS 410 - 11/A/N/A, 24.1 Dose force 1 Animal (09/11/2015- 09/11/2015- 09/11/2015- 09/11/2015- 084 - 11/A/N/A, 24.1 Dose Once 1 Animal (09/11/2015- 09/11/2015	B - Possible	
	PL-NLINTVINT-2015-PL-00477	Poland	Animal	Canine/dog	19 Week(s)		27/11/2015	1 1			R> Yes, <pre>dR> Yes,</pre> R> Yes,Ves, R> <br< pre=""> R> Yes</br<>	grooming, hypersensithvity NOS, Skin hyperaemia, Pruritus	No Data	Siapected adverse reaction. The dig was vaccinated with Noblava CHPPI and Noblava L Hor nestimate date of 30 No 2015. On 24 No 2015 doing the prophysicist with the dig was socinated with non injection containing following vaccines: Noblava L N, Noblava DHP and Noblava Rables. Concurrently the vet administered Noblava CK water instruasally. After about an hour the per towner noticed sensitivity when lifting limbs and licking them. The attending vet was contacted and recommended observation, but after 2-3 hours dog developed additionally hyperemia and increased temperature of the skin. Hyperemic skin included especially vertral area, dig showed signs of pruntus and was licking its passes. During the clinical esamisation performed before excendant the day and normal body temperature, general condition was good and there were no edemas. During the second visit after fer housts the attending vet administered department/some size storetiment for the clinical signs, which have considered the control of	w t:		NOBINAC DIP 100/105410- 11/N/N/A, 24.1 000e fonce 1 Animal (24/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24.1 1000e fonce 1 Animal (24/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-18/11/2015- 24/11/2015-24/11/2015- 24/11/2015- 24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24/11/2015-24/11/2015- 24	B - Possible	
	POL-MERCKMSD-2016-PL-00156	Poland	Animal			22/04/2016		1 1			Yes, Yes	Vomiting_Pruritus_Facial oedema		Suspected adverse reaction. On unknown date the dog was vaccinated with Nobixe Plappy DP in another clinic. On 2.4 pz 015 the dog was vaccinated with Nobixe DPI and Nobixe L14, I hour after vaccination the dog started vomiting and after another 30 minutes developed facial ocedema and puritiss. Symptoms disappeared after implementing intramacular treatment with Deadroft. No more information is expected. This report is linked with report #2016-P-0.0155 (cluster of reports from the same report exceeded on the same day O. 201 and 2015. Digitate breed label fit is installed in Pr-VionStream Control of the Control of th	e e	1.2	NOBIVAC DHP IOXIDS 410- 1,1/A,AV,A, 24,1 Dosage form (22/04/2016- 22/04/2016-BR>-KBR>NOBIVAC L4 10XIDS 584 -1/A,AV,A,24,1 Dose (22/04/2016-22/04/2016)-BR>-KBR>	B - Possible	
	POL-MERCKMSD-2016-PL-00362	Poland	Animal	Canine/dog	16 Month(s)	06/10/2016	10/10/2016	1 1	0		R×BR×BR>Yes	Diarrhoea, Vomiting, Allergic oedema, Hypothermia, Pallor	No Data	Sispected adverse reaction. The dog was vaccinated with Noblaco DHPPI and Noblaco L simultaneously on 60 Cxt 2016. He has neer been vaccinated with two products a one time before. Dog's medical history include vaccination with Noblaco Puppy DP. Noblaco DHPPI and Vanguard vaccines. The dog developed following gins after being vaccinated with Noblaco LHPPI and Noblaco. L4 vaccines: diarrhoea, vomiting, low body temperature, pallor, body oedema. Treatment included: steroid ding, calcium, Ringer solution, Zyrtec. The dog was reported as recovered at the time of the report. [Reason for use for product. Generic: OHPPI I V Bland's NOBINAC DHPPI 201051 31 Reason: Prophylasis Generic. LEPTO*(LIFC_XAN_GRIPP_BRAT) KB Brand: NOBIVAC L4 10XLIDS 500 Reason: Pophylasis [State of health: Fail)	Maltese n:	Not Known	NOBIVAC DHPPI 10XIDS 410 - 1,N/A,N/A,10,1 ml 1 Animal (06/10/2016- 06/10/2016-BR>-KDBIVAC L4 10XIDS 560 - 1,N/A,N/A,10,1 ml 1 Animal (06/10/2016- 06/10/2016)-BR>-KBR>	B - Possible	
	POL-MERCKMSD-2016-PL-00394	Poland	Animal	canine/dog	9 Week(s)	12/11/2016	15/11/2016	1 1	0	12/11/2016	tes,cBR> Yes	Skin hyperaemia, Facial oedema, Ear flap oedema, Tachycardia	No Data	Suspected adverse reaction. A 9 weeks old Poodle puppy was vaccinated on 12 Nov 2016 with Nobix OPPRI and Nobixes. Led during the same visit (more details remail unknown). The dogs has a history of probable Biscran Puppy vaccination during stay at the kennel on 18 Oct 2016. After about one hour post vaccination the dog developed oneward and hyperaemia of muzzle, eyelds and adea. No worntiles or apathy was reported. The hyperaemia of inner surface of ear canals causes the dog to flap her ear Right auride has a swelling of soft tissues. Heral BPM about 105, regular, on ascutiation changes or large area. Peristatis was proper. The clinical manifestation suggests anaphylactic reaction according the attending vet notes. Treatment include desamentsoan (Desacane) 0.3 region [9] m. The dog was observed. After an hour muzzle hyperaemia disappeared, muzzle and eyelish cedema reduced. Dispreament of corporativas and auricles was still present. The dog was obstraged. Self Nobixed Dispreament of corporativas and auricles was still present. The dog was obstraged. Self Nobixed Dispreament of corporativas and auricles was still present. The dog was obstraged. Self Nobixed Dispreament of corporativas and auricles Generic LISTOR (ACC), and the complex of the compl	g g g g g g g g g g g g g g g g g g g	1.47	NOBINAC DHPP1 IOXIDS 410 - 11/N/N/A, 24.1 Dosage form 1 Animal (27/11/2016- 12/11/2016-BRN-BBN-DBINAC L4 10XID5 560 - 1.N/NA/N. 24.1 10XID5 560 - 1.N/NA/N. 24.1 12/11/2016/sBt-sBS-	B - Possible	
NOBIVAC L4	POL-MERCKMSD-2017-PL-00044	Poland	Animal	Canine/dog	Not Known	01/12/2016	08/02/2017	1 1	0	01/12/2016	Not Known, KBR	Generalised rash, Dyspnoea	Not Known	Suspected adverse reaction. The dog has a history of being vaccinated only with Nobivac vaccines before. Before Chitmash he was vaccinated with Nobivac Unity and Nobivac LAHEr an hour the dog developed troubles with breathing and whole body rash. Treatment included Decavers, I hillus started to fee bletter, the symptoms disappeared. No more information is expected. [Reason for using for product: Generic: DHPP I. V Brand: NOBIVAC DHPPI 100.1D5 410 Reason: Unknown Generic: LEPTO-4[ICT_ANG,RIPP_BRAT] XB. Brand: NOBIVAC L4 10X1D5 560 Reason: Unknown] [State of health: Unknown]	Buildog and	Not Known	NOBIVAC DHPPI 10XLIDS 410 - N/A.N/A.N/A.24,Unknown Unknown (01/12/2016-01/12/2016-88×-88×-08IVAC L4 10XLIDS 560 - N/A.N/A.N/A ,24,Unknown Unknown Unknown (01/12/2016-01/12/2016)<8R>>8R>	B - Possible	
NOBIVAC L4	POL-MERCKMSD-2017-PL-00045	Poland	Animal	Canine/dog	5 Year(s)	07/02/2017	08/02/2017	1 1	o	07/02/2017	Not Known, BR>BR> Not Known, >BR >BR> Known, BR >BR> Not Known	Laryngeal oedema,Facial oedema	Not Known	Suspected adverse reaction. The dog had a history of developing adverse reaction to Eurican DPPP at the age of 3 years. DOIS the dog was excitenated with Nobisco DPIPP, Lat and Rabies with no adverse reaction. The dog was diagnosed as suffering from atopy. On 7 Feb 2017 the attending vet vaccinate with Nobisco DPPP and Lat in one injection both and Nobisco Rabies in anorther one. After about a hours post vaccination the dog developed facial and lanyngeal cedema. Treatment included Desagle and after about 4 hours the ymptom of Suappeared. Mo more information is expected. [Beason for use for product: Generic: LEFTO*4IDCT_CAM_GRIPP_BRAT] XB Brand: NOBINAL LA JUDIOS 508 Resizon: Unknown Generic: DMPP ILV Brand: NOBINAC DMPP JUDIOS 410 Reason: Unknown Generic: RABIES IN ALU ADJUVANT KV Brand: NOBINAC RABIES 10X100S 410 Reason: Unknown Generic: RABIES IN ALU ADJUVANT KV Brand: NOBINAC RABIES 10X100S 410 Reason: Unknown Generic: RABIES IN ALU ADJUVANT KV Brand: NOBINAC RABIES 10X100S 410 Reason: Unknown Generic: RABIES IN ALU ADJUVANT KV Brand: NOBINAC RABIES 10X100S 410 Reason: Unknown [State of health: Unknown]	t Shih Tzu e edd	Not Known	NOBINAC DHPP IDXIDS 410 \[\A\N_AN_A A_4 \\ \A\\ \A\\ \A\\ \A\\ \A\\ \A\\	B - Possible	
NOBIVAC L4	POL-MERCKMSD-2017-PL-00080	Poland	Animal	Canine/dog	6 Year(s)	23/02/2017	27/02/2017	1 1	0	23/02/2017	Yes, <b R> Not Known</b 	Arrhythmia, Tachycardia, Bloody diarrhoea, Stiffness limb, Not drinking, Inappetence, Vomiting	No Data	Suspected adverse reaction. The dog was vaccinated with Rabbish and Nobine: Li on 23 Feb 2017. Per owners visited on 24 Feb 2017. Efferent vertirancy clinic than the one where the dog had been vaccinated claiming that 1 hour after vaccination the dog developed stiff walking, inappetance and relationary to the proper of the proper such production, arrythmin in auxiliation. Subsequently, to these clinical signs attached bloody diarrhes and vomitting. Treatment included Vetergeisc, Ringer solution, Rapideson, advantable, on a production of the	Terrier	6	NOBIVAC L4 10X1DS 560 - N/A.N/A,N/A,24,Unknown Unknown Unknown Unknown U3/02/2017-23/02/2017-BRBB-Rabbiin - N/A,N/A,N/A,24,Unknown Unknown Unknown U3/02/2017-23/02/2017-BR- 	B - Possible	There is a strong association in time, signs are compatible with sleep (parential of vaccine, two product used concurrently, causality 8.

NOBIVAC L4	POL-MERCKMSD-2018-PL-00115	Poland	Animal	Canine/dog	10 - 10 Week(s)	10/01/2018	26/03/2018	1 1	1 1	10/01/2018	Not Known. <br< th=""><th>Flatulence, Diarrhoea, Death, Decrea sed body temperature, Anaphylactic</th><th></th><th>Suspected adverse reaction. Dog with fleas, positio mandibulae anterior, most probably elongated so palate, different iris color. Claws were corrected. On the same visit on 10 Jan 2018 dog (13:27) was</th><th>ft Shih Tzu</th><th>Not Known</th><th>NOBIVAC DHPPI 10X1DS 410 - 1.N/A.N/A .24.1 Vial/Ampoule(s) Not</th><th>B - Possible</th><th></th></br<>	Flatulence, Diarrhoea, Death, Decrea sed body temperature, Anaphylactic		Suspected adverse reaction. Dog with fleas, positio mandibulae anterior, most probably elongated so palate, different iris color. Claws were corrected. On the same visit on 10 Jan 2018 dog (13:27) was	ft Shih Tzu	Not Known	NOBIVAC DHPPI 10X1DS 410 - 1.N/A.N/A .24.1 Vial/Ampoule(s) Not	B - Possible	
											×BR×BR> Not Known	shock,Pallor,Generalised weakness		vaccinated with Nobivac L4 and Nobivac DPPR. Few minutes after vaccination dog become linn and pale. Temperature 37.7 C Dog was having pudding like feets and gasses. Dog developed shock after vaccine. Dog did not receive anti flea products. Following treatment was applied: Atropium suffurcum 0.05 ml, Deas-ject 0.1 ml, Nacl 0.9% 15 ml, Glacosum in jSSS ml, calcium brongluconatum 25% 15, ml. Dog was diagnosed with post vaccination shock, died around 16.15. No more information is expected. [Reason for use for product: Genéric: EPTO*4(ICT,CAN,GRIPP,BRAT) KB Brand: NOBIVAC DIPPRI 10XIDS 4 Reason: Vaccination (State of health: Fair)	1		applicable 1 Animal (10/01/2018- 10/01/2018)-BR->BR->NOBINAC L4 10XID5 550 - 1N/AN/A/ 24,1 Dose Not applicable 1 Animal (10/01/2018-10/01/2018)-BR> 		
	PRT-MERCKMSD-2016-PT-00042	Portugal	Animal	Canine/dog		24/03/2016	01/04/2016	1 1	0 2	24/03/2016	Yes, <b R> Yes</b 	Angioedema,Reddening of the skin	No Data	Suspected Adverse Reaction A veterinarian reported on 1 Apr 2016 that a dog was vaccinated with Nobbac DHPH -1 to not 2 Man 15. After 2 hours the dog was tagain to the clinic and showed angioedems of the face and erythema. The dog was treated with solu-medrol 3 mg/kg tv and treatment was repeated on the following 40, 25 Mar 2016. On 25 Mar 2016 the dog was completed recovered. No more information is expected. [Reason for use for product: Generic: DHPPI LV Bran NOBINAC DHPPI 10015 170 Reason Vaccination Generic: EEFTO 4[ICT_CAM_GRIPP_BRAT] KB Bran NOBIVAC LP45 DXIDS 542 Reason: Vaccination [State of health: Good]	French Bulldo	Not Known	NOBIVAC DHPPI 10XIDS 170 - 1,N/A,N/A, 24,1 Dose 1 Animal (24/03/2016- 24/03/2016-BR>SBNOBIVAC L4 50XIDS 542 - 1,N/A,N/A, 24,1 Dose 1 Animal (24/03/2016- 24/03/2016)-BR>SBN>	B - Possible	Angiocelema of the face and erythema. There is a temporal relationship between vaccination and onset of the clinical signs (2 hours) and a hypersensitivity reaction can occur after vaccination. 2 vaccines were administered at his earne lime. Therefore it is not possible to know which of the vaccines triggered the reaction. ABON = B.
	PRT-MERCKMSD-2016-PT-00054	Portugal	Animal		18 Month(s)	22/04/2015	15/04/2016	1 1		22/04/2015		Lameness, Dyspnoea, Haemoptysis, T achypnoea, Cough	Known	Sispected Adverse Reaction, A Gig was vaccinated with Nobixac DIPPP on 14 Apr 2015 and had a Sispected Adverse Reaction (sax 2015 PF 00053). Luring eporting the veterinarian described that last year on 22 Apr 2015 the dog was vaccinated with Nobixac L4 and developed a hypersensitivity reaction with tachyprea, dypane, council, hemotypis and left Infolling Lamenes, Do 21 Apr 2015 th dog went to the clinic and was treated with dexamethsaone IV. The dog recovered after 3 days. No more Information peopleted. [Reason for user for product: Generic: EFTO* 2017 CHIPC.TRAT] I Brand: NOBIVAC L4 SOXIDS 542 Reason: Vaccination] (State of health: Good)		Not Known	NOBIVAC 14 50X1D 542 - 1,N/A,N/A,24,1 Dose 1 Animal (22/04/2015-22/04/2015) -BR> -BR>	A - Probable	There is a dose association in time. The symptoms can be compatible with a hypersensitivity reaction to the vaccination. This situation had occurred again this year.
NOBIVAC L4	PRT-MERCKMSD-2016-PT-00116	Portugal	Animal	Canine/dog	1 Year(s)	10/05/2016	25/05/2016	1 1	0 1	10/05/2016	Yes, Yes	Vomiting.Angioedema	No Data	Suspected Adverse Reaction. A dog was vaccinated with Nobixoc DPPP and Nobixoc L1 on 10 May 2016. After 2 hours the dog vomitted and after more 2 hours the dog vomitted and was showing an angioedema of the muzzle. The vet administered hydrocortisone (Zmg/Ng) and the dog recovered completely after 30min. No more information expected. [Reason for use for product: Generic: DPPP L1 V Branch NOBIXAC DIPPP SOXIDS 170 Reason: Vaccination Generic: LEPTO*4IGT,CAM_ORIPP_BRAT] NB Branci: NOBIXAC L4 50X1DS 542 Reason: Vaccination] [State of health: Good]	Shih Tzu	1.5	NOBIVAC DHPPI 50X1DS 170 - 1,N/AN/A,24,1 Dose 1 Animal (10/05/2016)- 10/05/2016)-BR> NOBIVAC L4 50X1DS 542 - 1,N/AN/A,24,1 Dose 1 Animal (10/05/2016- 10/05/2016)-BR> 	B - Possible	There is a temporal association between vaccination and onset of the clinical signs. Possible due to a hypersensitivity reaction, but, as two vaccines were administered at the same time, it is not possible to know which of the vaccines caused the reaction.
NOBIVAC L4	PRT-MERCKMSD-2016-PT-00141	Portugal	Animal	Canine/dog	6 Year(s)	14/06/2016	30/08/2016	1 1	1 1	15/06/2016	Yes, 	Pyometra Pulmonary congestion Tachyonea Death, Anoresia, atchargy (see also Central nervous system depression in Neurological) Fevez-Altormal test recultification abdomen NOS, Hepata Bulk, Elevated In NOS, Elevated Bulk, Elevated (assessible of the Nose of t	No Data	Sagected adverse reaction to 14 km 2015 a day was vascinated with Nobiax C INFPI + Nobiax C I Nobiax C IaNobiax C IaNobia	Estrela Mountain Dog	32	NOBINAC DHEM LOXIDS 170- 1JA/A/A/A, 24 L00se 1 Animal (14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016- 14/06/2016-	N - Unlikely	We agree with MAN's assessment comments: While there is some temporal association with vaccination (with 3 products), given the lack of pathophysiological explanation between vaccination and the results of the necropsy, prometra or other causes are more likely the cause of the chain of events, with vaccination coincidentally occurring at the same time.
	PRT-MERCKMSD-2016-PT-00183	Portugal	Animal		8 Year(s)	01/06/2016	06/10/2016	1 1		10/07/2016	Yes, BR> Yes	Death, Lack of efficacy	No Data	Suspect Leck of efficacy for Lepta. A dog was vaccinated evint Neobwac L10 PIPP I Nobwac L4 on Jun 2015 and not how mnf the animal was vaccinated before with Nobwac L4. On Jul 2015 the dog went to the clinic displaying prostration, vomits and ancrexia. The Blood analysis showed high levels for BUN 7.9 m g/li(promal 9.2 - 29.2 ECRE 4.9 m g/li (charmal 6.4 - 14), All P119 JUl, (normal 4.7 - 25), leucocytosis 19.52 10°9/L (6-17), 18.09 10°9/L (18.2-12.3), thrombocytopenia 55 10°9/L (117-480). The dog was restead with sucreflace 250 mg - 15 m g/lig 5, D. antilister 2 m g/lig 810, cereins 1, m g/lig 810, cereins 2, m g/lig 810, cereins 1, m g/lig 91, m g/lig 81, cereins 1, m g/lig 91, m	t	7	NOBINAC DHPPI SXXIDS 170- 1,1/N/N/A, 24,1 Dose 1 Animal (01/06/2016- 01/06/2016- 01/06/2016- 01/06/2016- 1 Animal (01/06/2016- 01/06/2016)- BR>-BR>-BR> RIP 1 Animal (01/06/2016- 01/06/2016)- 01/06/2016)- 01/06/2016)-	O1 - Inconclusive	We agree with MMr's assessment. Leptospirosis IgM and IgG antibodies were positive. The elevated IgM is indicative of a recent infection. Elevated IgM also shows the dog responded to vaccination. It is unclear which sergogrup/serovar the dog was infected with: MAT was negative for prevalent scrowars. It is also not known if this dog received a priming vaccination. Therefore no conclusion can be drawn regarding the efficacy of the vaccine.
NOBIVAC L4	PRT-MERCKMSD-2016-PT-00213	Portugal	Animal	Canine/dog	10 Year(s)	09/09/2016	15/09/2016	1 1	0 1	14/09/2016	Yes	Elevated lipase,Emesis (multiple),Abdominal pain,Dehydration	No Data	Suspected adverse reaction. A dog was vaccinated with Nobivac L4 on 9 Sep 2016. It was the second time the dag received Nobivac L4. The first time was on 30, wag 2016 with Virbar Rabigien (CAS 2016 PT -00212). On 14 Sep 2016, a first the vaccine booster (only L4) the dog had billar emesis, cranial abdominal pain, delivylation, and the exams showed increased pancreatic values (FU). It was administered cerenia (manoplatani citrate), ranifolium, retocologramide B10 and famotidine B10. No more information in expected. [Reson for use for product. Generic: LEFO* LGT, CAN, GRIPP, BRAT. XB Brand: NOBIVAC L4 SOXIDS 542 Reason: Vaccination] [State of health: Good]		4	NOBIVAC L4 SOX1DS 542 - 1.N/A.N/A ,24,1 Dose Not applicable 1 Animal (90)(90)(2016- 09/09/2016)<-BR><-BR>	O1 - Inconclusive	Dog reacted after vaccination with vomiting and diarrhoea. However, the time to onset was very long for a causal relation with vaccination, and test results indicate that dog has a pancreatic disorder. Nevetheless, it is not to exclude some contributing factor of vaccination.
	PRT-MERCKMSD-2016-PT-00221	Portugal	Animal	Canine/dog	2 Month(s)	16/09/2016	21/09/2016	1 1		16/09/2016	Yes, <br R>BR>Yes</br 	Angioedema,Papule	No Data	Supercite adverse reaction. On 15 Sep. 2016 a dog was vaccinated with Nobixo DIPPT + Nobixo Ld Two hours after the vaccination the dog was displaying angicedems of the head and papeles on the whole body. The dog was treated with cortisone sc and recovered after one hour. No more information is expected. [Reason for use for product: Generic: DIPPS] LV Brank NOBIVAC DIPPS SIDIOS 170 Ressor Vaccination Generic: EIPTO*[41C,TAM,GIRPP_BRAT] XB Brand NOBIVAC L4 SOXIDS 542 Ressors Vaccination] State of health: Good]		4.1	NOBIVAC DHPPI 50X1DS 170 - 1,N/A,N/A,24,1 Dose 1 Animal (16/09/2016)-BR>>BR>>NOBIVAC L4 50X1DS 542 - N/A,N/A,N/A,N/A (16/09/2016-16/09/2016)-BR>>BR>	B - Possible	The time to onset and reported clinical signs are consistent with an anaphylactic-type reaction, which is a known possible side effect of vaccines as a class. Two vaccines were given so it is impossible of determine which of the administered vaccines may have been responsible. ABON: 8.
NOBIVAC L4	PRT-MERCKMSD-2017-PT-00001	Portugal	Animal	Canine/dog	7 Year(s)	16/03/2016	18/01/2017	1 1	1 (05/12/2016	Yes	Lack of efficacy,Death by euthanasia	No Data	Suspect Lack of expected efficacy for Lepto. A dog was vaccinated with Nobiwac L4 on 16 Mar 2015. On 05 Jan 2017 Ho dog went to the vet clinic displaying sympomatology compatible with pelopogic with ascilles, tachypnes, tachypacatila, juandice, anemia, hepatic insufficiency, vomit and fece with blood. The blood analysis were positive to leptospira. Walling for MMT results. More information expected. Follow up 16 Jan 2017: The vet informed that the dog was euthenized on 13 Jan 2017. Still walling for MMT results. More information expected. Follow up 18 Jan 2017. The MMT result was register to Leptopolar. No more information expected. Research for 18 Jan 2017. The MMT result was register to Leptopolar. No more information expected. Research for up 18 Jan 2017. The MMT result was resulted to the product Centeric. LEPTO*4(CT_CAN_GRIPP_BMAT) kills Brand: NOBIVAC L4 SOX105 S42 Reason: Vaccination) [State of health: Unknown).	Labrador is Retriever	32	NOBIVAC L4 SDX1DS 542 - 1,N/A,N/A, 24,1 Dose 1 Animal (16/03/2016-16/03/2016)-BR>-BR>	O1 - Inconclusive	The dop had clinical signs that could be compatible with Leptopinosis. An unknown test was positive and a senonegative MAT does not completely rule out Leptospirosis. Thus, the case is assessed as inconclusive. ABON: 01.

NOBIVAC L4	PRT-MERCKMSD-2017-PT-00015	Portugal	Animal	Canine/dog	7 Month(s)	17/09/2016	20/03/2017	1	0 30/01/2017	Yes, BR>BR>BR>ERN-BR>Yes, CBR>BR>BR>BR>BR>BR>BR>BR>BR>BR>Yes		No Data	Suspected lack of expected efficacy. A dog was vaccinated with Nobwac DHPPI (not known when an if the vaccination program is in accordance with the leaflet). The vet suspects parvovirus infection. More information expected. Follow up 20 Mar 2017, case has now become serious: The dog was vaccinated with Nobwac DHPPI and Nobwac L of an Al volbwac Rabies on 17 Sep 2016 (previously vaccinated with Nobwac DHPPI and Nobwac L of an Ola 2026). On 20 Jan 2017 the dog dissipated vomiting, diarrhoea without blood and was prostrated. The dog was treated with tramadol, metronidazole and amoucilin + clawalian cald. On 03 Jan 2017 the dog dos more prostrated. On 05 Jan 2017 the dog was hospitalized with leukopenia and the ultrasound revealed intestine without motility. On 81 an 2017 the dog displayed fever and the vet substituted amountain: clawalian cald emofilosacin. On 10 Jan 2017 the dog recovered and went home with emofilosacin, metronidazole, sucraflate and Westick (Institution Laupelment). No more information is expected. (Reason for use for product: Generic: DRPPI L V Brand: NOBINAC EMPIS 520 Reason: Vaccination Generic: LEPTOF4(LTC.ARMER) BART SIM STAN CRIBINAC DISTANCES SIZE REASON: Vaccination Generic: LEPTOF4(LTC.ARMER) BART SIM STAN CRIBINAC DISTANCES SIZE REASON: Vaccination (Seriel). STANCES SIZE SIZE SIZE SIZE SIZE SIZE SIZE SI	Spaniel by	r 8	1,N/A,N/A, 24,1 Dose 1 Animal (17/09/2016) (17/09/2016) (17/09/2016) (18-RS-N-BIR-NOBINAC L4 SOXIDS 542 - 1.NA/N/A), 24,1 Dose 1 Animal (17/09/2016-17/09/2016-18-RS-N-BIR-NOBINAC RABIES SOXIDS 170 - 1.N/A,N/A 24,1 Dose 1 Animal (17/09/2016-17/09/2016) (18RS-KBR)	N - Unlikely	Possible Panovirosis. This product does not protect against pano. Supported Panovirosis. Noblivic L4 does not protect
NUBIVAL L4	PRI - INTERILINASIO-2017-P I - 1000/22	Portugal	Ariimai	Canine/dog	1 rear(s)	19/01/2010	06/02/2017		0 11/10/2016	r> Yes	Lack or emacy (parvovins)	NO Data	Supercted Lack of Expected Efficacy, 8 pupples from the same litter were vaccinated with Nobbox DMPB and Lat on Jan 2018. 3 days from this litter, now living separated in different owner, developed Suspected Lack of Expected Efficacy for Parovolvosis (other cases 2017-PT0023 and 2017-PT0023). On 110 C12016 the days tarted with worth, hemorrhagic dairnée, anoversia and prostroits the veterinarian prescribed antibiotic and antiemetic. On 13 Oct 2016 the day was hospitalized and started fluid therapy, ranktifide, metoodpramide, byperonophine, ceffrisone, new teodinazole. On 14 Oct 2016 the test was positive to Parovoirus. On 15 Oct 2016 the treatment was changed to ampicilli gentantyric, interdinazole, metoologamide and rantifistion. On 24 Oct 2016 the day sus recovered. No more information is expected. [Reason for use for product: Genetic: DHPPI IV Brand: NOBINA DHPPI SOXIDS 170 Reason: Vaccination Genetic: LETPO*/4TIC/CAM/SRIPP_BRAT] XB Brand: NOBINA L4 SOXIDS 542 Reason: Vaccination] [State of health: Good]	Water Spanie n. n,	22	NOBIVIA: UPHPP SOLIDS 1/10 ⁻ IN/AM/A 24,1 Dose 1 Animal (19/01/2016-) 19/01/2016-9BR~BR>NOBIVIAC L4 SOXIDS 542 - 1N/AM/A,24,1 Dose 1 Animal (1 Dayl) 19/01/2016- 19/01/2016)-BR~BR>	N - Unincery	Soppeted varoverses, notive at one not protect against pano.
NOBIVAC L4	PRT-MERCEMSO-2017-PT-00023	Portugal	Animal	Canine/dog	1 Year(s)	19/01/2016	07/03/2017	1 1	0 06/02/2017	Yes, Yes	Lack of efficacy (parvovirus)	No Data	Supercted Lack of Expected Efficacy, 8 pupples from the same little were vaccinated with Nobbac DMPB and L6 and Jan 2018. 3 days from this littler, now living separated in different owner, developed Suspected Lack of Expected Efficacy for Parovivois (other cases 2017-PT0022 and 2017-PT0022). An office Page 2017 the day started with prostration, hemorrhagic diarrhes and ancrexis. The days started with fluid therapy, antiditine, metoclopramide, buyenerophine, ceffrixance, metrodinasol The blood analysis revealed WMC 2-11 1979, (1e-17), Res C. 33 an 107-12 (1.5.10-53) and Hos 21.5 (§) (11.0-19.0) and positive to Parovivirus. The vet confirmed that as one of the dags was positive to parovivirus (sea 2017-PT0022) this days vascinated again with Nobbac DMPs in all Oct 2016. More Information expected. Follow up 07 Mar 2017: The analysis report: Negative to Sactical (salmonells): Positive Parovivirus. En infeces; postuce Consonaus PCR in Reces, Parovirus. CPU2 solatete, EUSA antibody corrowarius positive and EUSA antibody parovirus segstive. More information expected. (Reason for use for product: Generic CMPPI U Starter, NOBINAC CL4 SOIIDS 524. Resons: Vaccination Generic: LEPTO*4(ET_CAM,GRIP/BRAT) XB Brand. NOBINAC L4 SOIIDS 524. Resons: Vaccination Generic: LEPTO*4(ET_CAM,GRIP/BRAT) XB Brand. NOBINAC L4 SOIIDS 524. Resons: Vaccination Generic: LEPTO*4(ET_CAM,GRIP/BRAT) XB Brand. NOBINAC L4	le. L	22	NOBINAC DHPP SIXIDS 170- 1,N/N/N/, 24,1 Doe 1 Animal 18/01/27016- 19/01/27016- 19/01/27016- 19/01/27016- 19/01/27016- 19/01/27016- 19/01/27016- 19/01/27016-	N - Unlikely	Supported Panovirosis. Nobivac L4 does not protect against pano.
	PRT-MERCKMSD-2017-PT-00024	Portugal	Animal	Canine/dog	7 Month(s)	19/01/2016	06/02/2017	1 1		R×BR>Yes	Olarnhoea, Yomiting, Lack of efficacy (ganovirus), Prostration, Fever, Anor exis	No Data	Supercted Lack of Expected Efficacy, 8 pupples from the same litter were vaccinated with Nobiac DMPRI and 16 and 19 lan 2018. 3 dogs from this litter, now long separated in Gifferent owner, developed Suspected Lack of Expected Efficacy for Parovivrosis (other cases 2017-870022 and 2017-870023). On 231 un 2018 the dog possibly are a rotten egg and was displaying bown distributes, anorexas womit and fever. The blood analysis showed lymphopenia. The dog started with metodopramide, younds, ramitistine and cereina. On 24 in un 2018 the dog postimited with prostration, anorexis and distribute. On 25 in un 2018 the dog out on 2018 the dog postimited with prostration, anorexis and distribute. On 25 in un 2018 the dog out on 2018 the dog postimited with prostration and some control of the started with fluid therapy, in the library of the started with prostration of the started with fluid therapy. The started with the started with fluid therapy in the library of the started with fluid therapy. The started with the started with fluid therapy in the library of the started with fluid therapy. The started with fluid therapy is the blood and on 01 July 2018 the dog was fully recovered. No blood test for parovints was performed but as 2 other dogs were positive to parovinists the wet think that this case is also a lack of Expected Efficacy. No more information is expected. [Reason for use for product: Generic EDMPP US MARIO STOR Reason Vaccination] [State of health: Good]	f	Not Known	NOBINYC DHPP SOXIDS 170- 1,1/N,M/A, 24,1 Dose 1,4mim3 (1,9/01,2016- 19/01/2016)-19/01/2016- 19/01/2016)-19/01/2016- 19/01/2016)-ER>-BR>-BR> 19/01/2016)-ER>-BR>-BR>	N - Unlikely	Suppercial parnovirouss. As Notional L4 does not protect against parvo causality assessment is N - Unlikely.
	PRT-MERCKMSD-2017-PT-00043	Portugal	Animal	Canine/dog		20/02/2017	27/02/2017	1 1	0 26/02/2017		Elevated SAP,Thrombocytopenia,Abnormal test result,Ecchymosis	No Data	Suspected adverse reaction. A dog was vaccinated with Nobivac L 4 on 20 Feb 2017. On 26 Feb 2017. The cowner detected that the dag had buissed sisseminated on all body. The blood analysis, performe on 27 Feb 2017 showed high levels for Att P.[191, normal values 13-83] and very low level for PLT [18, normal values 13-83] and very low level for PLT [18, normal values 117-990.) On 28 Feb 2017 blood was taken to investigate antibodies against Liebhmania, Babesia caris, Erhichia caris and flickettisa coronii. The dog was positive to Rickettisi coronii. The dog started the treatment with doxycycline, methylpredictiohone and omerprasole. No more information on spectced. Reason for use for product: Generic: LEPTO* (ELC, LAN, GRIPP, BRAT) 18 rand: NOBIVAC L4 SOXIDS 542 Reason: Vaccination) [State of health: Good]	d Canine/dog		1,N/A,N/A,24,1 Dose (20/02/2017- 20/02/2017) 	O1 - Inconclusive	We agree with Mah's assessment: Dog was positive for fickettis. Thrombocytopenia is a common manifestation of Rickettslosis and may be the principal cause of the ecchymosis. However, a contributing factor of vaccination cannot be fully excluded. ABON remains inconclusive, 01.
NOBIVAC L4	PRT-MERCKMSD-2017-PT-00082	Portugal	Animal	Canine/dog	2 Year(s)	23/03/2017	13/04/2017	1 1	0 23/03/2017	Yes, <b R> >BR>Yes</b 	Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Angioedema	l No Data	Suspected adverse reaction. On 23 Mar 2017 a dog was vaccinated with NobNac IA. Or that day the dog vomited once and was teletargic. On 24 Mar 2017 the dog was slogishigh angloeder of the head. The dog was treated with a corticosteroid and recovered on 24 Mar 2017. No more information is expected. [Reason for use for product: Generic: LEPTO*/alCT_CAN_CRIPP_BRAT] KB BRANK DROWLAC SOULDS 542 Reason Vaccination Generic: CANINE PRARAINFUENZA LV Brand: NOBINAC P1 IOXLDS 170 Reason: Vaccination Generic: CANINE PRARAINFUENZA LV Brand: NOBINAC P1 IOXLDS 170 Reason: Vaccination [State of health: Good]		35.7	NOBIVAC L4 50X1DS 542 - 1,N/AN/A,24,1 Dose 1 Animal (23/03/2017)-8R><8R>NOBIVAC PI 10X1DS 170 - 1,N/AN/A, 24,1 Dose (23/03/2017-23/03/2017)-8R> 	B - Possible	Signs are suggestive of a hypersensitivity reaction. This kind of reactions may occur after administration of any foreign antigen to an individual. Two vaccines were given so it is impossible to determine which of the administered vaccines may have been responsible. ABON: B.
NOBIVAC L4	PRT-MERCKMSD-2017-PT-00179	Portugal	Animal	Canine/dog	11 Year(s)	13/07/2017	14/07/2017	1 1	0 13/07/2017	Yes, Yes, RS-SR>Yes, >CBR>Yes, 	Vomiting,Uritkarial erythema,Respiratory signs	No Data	Supercited adverse reaction. A dog Proticibre Terrier, female, 11 years old, 2.5 kgl was vaccinated wi Nobbace PL, Nobbace L and Nobbace Rabes on 31 ali (2017 a heavy 15:30th. Approximately 2 house's dog was displaying generalized enythems, unticaris, vomits and respiratory difficulties/distributions. The dog went to a vet hospital at approximately 18:00th, and was treated with IV corticosteroid, anti-initiaminic and ramidine. The dog reversed the sign immediately after the treatment. A thoract radiographic exam was performed and the result was normal. The dog went home and it was represented anti-histmanic and gastrip ropection medication for a week. This depth adone several times Nobbace DHPP, Nobbace L 4 and Nobbace Rabels, but the association Nobbace PL, Nobbace L 4 and Nobbace Rabels have the first time. No more information is expected. (Reason for use for product EEPTO*4[ICT.CAMEP.PARAINFLURIAL VI Branch NOBIVAC PL 10XIDS 170 Reason: Vaccination Generic EEPTO*4[ICT.CAMEP.PRAINFLURIAL VI Branch NOBIVAC PL 10XIDS 170 Reason: Vaccination) [State of habits: Good!]	ne Terrier	25	NOBINUC 14 SIXILDS 542. J.N./A/N, A.2.4 Does Not applicable 1.Acimal [13/07/2017- 13/07/2017-)SBP8BS-NOBINUC PI 10X105 170 - 1.N/A/NA, 2.4.1 Does Not applicable 1.Animal 113/07/2017- 13/07/2017/5BP8BS-NOBINUC RABIES SOXIOS 170 - 1.N/A.N/A 2.4.1 Does Not applicable 1.Animal 1.Dayls 13/07/2017- 13/07/2017/5BRS-BBS-	B - Possible	Time to nose and reported directal signs are consistent with an analyhelatic hip eraction, which is a known possible side effect of vaccines as a class. Three vaccines were used so it is impossible to determine which vaccine would be responsible. ABON: 5.

NOBIVAC L4	PRT-MERCIMMSD-2017-PT-00325	Portugal	Animal	Canine/dog	2 Year(s)	01/05/2017	18/10/2017	1 1	1	04/10/2017	Not Known	Lack of efficacy	Not Known	Suspected Lack of Expected Efficacy. On May 2017* a dog (French mastiff, female, 2 years, 37 kg) was vaccinated with Nobbac Ld. On a Oct 2017 the dog started displaying clinical signs. On 6 Oct 2017 the dog went to the hospital displaying clinical mass, and considerable of the control of th	Mastiff	37	NOBIVAC L4 50X1D5 542 - N/A.N/A.N/A.12 - Alphinown Unknown 1 Animal (2/105/2017-01/05/2017)+BRBR-	Q1 - Inconclusive	Symptoms are compatible with Leptospirosis and within the period of expected efficacy of Nobbace L4. However, there is no proof so far that the animal was really succinated with Nobbace L4 on May 2017. Postive results for teptospira antibiodies can be due to vaccination or field infection. ABON:01. Overall ABON:01.
NOBIVAC L4	PRT-MERCKMSD-2018-PT-00004	Portugal	Animal	Canine/dog	3 Year(s)	26/12/2017	23/01/2018	1 1	0	26/12/2017	Yes, < R> Yes	Allergic oedema,Pruritus,Facial oedema	No Data	Supercted adverse reaction: On 28 Dec 2017 a fog (ef lsg) was vaccinated with Nobwac DHPP and Nobwac Lepto 4 (other case 2018 P-1000002, 2018 P-100003 and 2018 P-1000015). The vet reported that the dog reacted after vaccination. More information expected. Follow up 23 Jan 2017: On 23 J	Pekingese	2.55	NOBINAC DHPPI SOXIDS 170 - 1/NAN/A/ 24,1 Dose Not applicable 1 Animal (26/12/2017- 26/12/2017-BRBR-NOBINAC L4 SOXIDS 542 - 1/N/N/A/ 24,1 Dose Not applicable 1 Animal (26/12/2017-26/12/2017)-BRBR>-	B - Possible	The time to onset and reported clinical symptoms are consistent with an anaphylactic-type reaction, which is known possible side effect of vaccines as a class. Two vaccines were used so it is impossible to determine which vaccine would be responsible. ABON: 8.
NOBIVAC L4	PRT-MERCKMSD-2018-PT-00005	Portugal	Animal	Canine/dog	1 Year(s)	30/12/2017	23/01/2018	1 1	0	30/12/2017	Yes, < R> Yes	Allergic oedema,Facial oedema,Allergic pruritus	No Data	Supertied adverse reaction: On 38 Dec 2017 a day [cf 8 lg] was vascinated with Nobwac DHPIP and Nobbac Lepto 4 [choose, 2018-19-10000, 2018-FP-00000, 2018-FP-00000, The vert exported that the day reacted after vascination. More information expected. Follow up 23 Jan 2017: On 23 Jan 201	Pug	10.3	MOBINAC DHPPI SOXIDS 170 - JN/AN/A 24.1 Dose Not applicable 1 Animal (30/12/2017- 30/12/2017-BR-SBR-NOBINAC L4 SOXIDS 542 - 1N/AN/A 24.1 Dose Not applicable 1 Animal (30/12/2017-30/12/2017)-BR-SBR-	B - Possible	The time to onset and reported clinical symptoms are consistent with an anaphylactic-type reaction, which is known possible side effect of vaccines as a class. Two vaccines were used so it is impossible to determine which vaccine would be responsible. ABON: 8.
NOBIVAC L4	PRT-MERCKMSD-2018-PT-00009	Portugal	Animal	Canine/dog	7 Month(s)	29/01/2018	01/02/2018	1 1	1	29/01/2018	NO, NO, NO, 	Death, Pulmonary oedema, Fluid in thorax, Respiratory signs	Other	Sapected adverse reactions: A flog (Pincher, 7 months, 4 kg, Female) was succrusted with Noblace OHPN + Nobleva, Calle (L.), similareasely similared in one syringle on 31s an OSIL Female have a few sources of the second of the	Miniature Pinscher	4	NOBIVAC DHPPI SOXIDS 170- 1.N/N/N/. 24.1 Dose Not applicable 1.N/N/N/. 24.1 Dose Not applicable 1.Animal [29/01/2018-8R-×BB-NOBIVAC L4 SOXIDS 542 - 1.N/N/N/. 24.1 Dose Not applicable 1.Animal [29/01/2018- 29/01/2018-8R-VBB-NOBIVAC RABIES 10XIDS 170 - 1.N/N/. N/A 24.1 Dose Not applicable 1.Animal [29/01/2018-29/01/2018/SBR-×BB->BR->	B - Possible	Time to onset and reported clinical signs are consistent with an anaphylactic hyer exaction, which is a known possible side effect of vaccines as a class. Three vaccines were administered, so it is impossible to determine which vaccine would be responsible. Additionally, ELU for all vaccines since all were mixed in one syringe.
NOBIVAC L4	PT-NLINTVINT-2015-PT-00046	Portugal	Animal	Canine/dog	2 Month(s)	28/02/2015	28/02/2015	1 1	0	28/02/2015	No, <b R> No</b 	Tachycardia, Facial swelling (see also 'Skin'), Abnormal breathing, Congested mucous membrane	Other	Suppected adverse reaction: A dog was vaccinated with Nobivac DHPPH-Nobivac L4 on 28 Feb 2015. After 10 min of the vaccination the dog showed swelling of the face, breathing difficulty, tachipcardia and congested mucous. The dog was treated with corticold, funcesimale and fluth therapy. The dog recovered after 4 hours. No more information expected. [Reason for use for product: Generic: DHPPI UNISDED TO Reason *Vaccination* Generic: EIDPPI UNISDED TO Reason	Pekingese	2	NOBIVAC DHPPI 10X1DS 170 - 1,N/A,N/A,24,1 Dose Once 1 Animal (28/02/2015- 28/02/2015-BRS-NBS-NOBIVAC L4 50X1DS 542 - 1,N/A,N/A,24,1 Dose Once (28/02/2015- 28/02/2015-BRS-SRS-	B - Possible	There is a close association in time (same day). Symptoms may be due to a hypersensitivity reaction to vaccination. Two vaccines were given so it is impossible to determine which vaccine or combination would be responsible.
NOBIVAC L4	PT-NLINTVINT-2015-PT-00062	Portugal	Animal	Canine/dog	14 Year(s)	01/04/2015	01/04/2015	1 1	0	01/04/2015	Yes	Shock,Injection site swelling.Lethargy (see also Central nervous system depression in 'Neurological'),Loss of strength	No Data	Suspected adverse reaction. A dag was vaccinated with Noblavic L4 on D1 Apr 2015. After vaccination, at home, the dag showed lethragy and posterior limbs without strength. The dag was in hypoxolemic shock when arrived at the vet and also with a swelling on the injection site. The dag was treated first with an NSAID but without response. Then was treated with conflictorized and not fluids. The dag recovered completely and went home. The vet also referred that 4 weeks ago, after the first vaccination, the dag showed lethragy and varniting (sea 2015-7-700561). Non one information expected. [Reason for use for product: Generic LEPTO-4QICT, CAM, GRIPP, BRAT) KB Brand: NOBIVAC L6 300055-32 Reson Vaccination [State of health. Good).	Other Canine/dog	17	NOBIVAC L4 50X1DS 542 - 1,N/A,N/A, 24,1 Dose Once 1 Animal (01/04/2015-01/04/2015) -BR>-BR>-	A - Probable	There is a close association in time and symptoms are compatible to a hypersensitivity reaction. Dog showed a similar reaction after vaccination 4 weeks earlier. Hypersensitivity reactions may occur after the administration of vaccines.
NOBIVAC L4	PF-NUNTVINT-2015-PT-00150	Portugal	Animal	Canine/dog	5 Month(s)	02/04/2015	01/07/2015	1 1	0	23/04/2015	Yes, Yes	Injection site reaction NOS.Jamenes, Stavali, Jack of efficacy_impaired proprioception.Abnormal test result_Neurological symptoms NOS	No Data	SAR and SLEE. A drog was succinated on O2 Apr 2015 with Nobinac DHPPI - Nobinac 14. On 23 Apr 2015 the drog was reaccinated with Nobinac DHPPI. The drog developed an double at injection 34. On 14 May 12th, a drog received Nobinac (1.4 in Nobinac Rabina and was showing lammenss of the left front limb. At drog started and inflammatory and chordopropeteche. On 21 May 2015, a Still Was 50-Wing the same symptomatology, a X-ray was performed to confirm elbow dysplasia. It was negative. On 08 Jun 2015 the drog was displaying status of the back and front limbs, decreased proprojection for back limbs and all members were plantigade. On 10 June 2015 the bits results revealed that the drog was positive to toxoplasmosis, sociative to distament glids and lightli and regative to hemoparasticides. Was prescribed clindoceptin and waiting for CR1 results for distample; to lamp programmed to the comparations. Was made was tested by AP - CR2 and the respect to pending. Follow upon 1 Jul 2015. Blood callege was tested by AP - CR2 and the respect to pending the Demogrammed to Public 2015 the Section of the CR2 and	German Shepherd Dog	Not Known	NOBINIZ CHEPT IDXIDS 170 - 1.N/AN/A 2.4 1 Dose Once 1 Animal (02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015- 02/04/2015-	N - Unlikely	SAR: linjection site reaction appeared before administration of this vaccine. ABOD — N. SEE: this vaccine is not against Distemper and, furthermore, the cause for the signs are most likely due to toxoplasmosis. ABON — N.
NOBIVAC L4	PT-PTDGVFVV-2017-I-061	Portugal	Animal	Canine/dog	10 Year(s)	04/09/2017	05/09/2017	1 1	0	04/09/2017	Not Known, BR >BR>BR>BR> Not Known, BR >BR>CBR >NOT Known, BR >BR>CBR Not Known	Oedema of the extremities (see also other SOCs for most applicable oedema),Pruritus,Angioedema,Urtic aria	Not Known	Case recived from DGN. A male dog, unknown hered, 10 years old, weighing 15 kg, was succinated with holipace. Delay, hobbace Lad sold holisor feables on after heperimer 2017, approximately 30 minutes after administration of these vaccines the dog presented srout's angloedems, pursus on the sout and oedems of the plantages of the left anterior limit and untricaria. Methyprediscione was administered at the dose of 1.1 mg/kg, after which the signals were disappeared in about 2 hours. Cas PT-NLINTIVITS-2017-20028 for MML. Reason for use for product: Generic LMPPI LVB GRAD (NDBWAC DEPPI SUBSTATE). Reason for use for product: Generic LMPPI LVB GRAD (NDBWAC DEPPI SUBSTATE) Reason for use for product: Generic LMPPI LVB Brand (NDBWAC DEPPI SUBSTATE). Reason for use for product: Generic LMPPI LVB Brand (NDBWAC DEPPI SUBSTATE) and the substantial loss of the substantia	Other Canine/dog	15	NOBIVAC DHPPI 50XIDS 170- 1,N/AN/A, 1,0,1 ml Unknown 1 Animal (04/99/2017- 04/09/2017)-BRN-SBR-NOBIVAC L4 50XID5 542 - 1,N/AN/A 1,0,1 ml (04/09/2017)-BRN-SBR-NOBIVAC RABIES 50XIDS 170 - 1,N/A,N/A 1,0,1 ml (04/09/2017- 04/09/2017-BRN-SBR-NOBIVAC RABIES 50XIDS 170 - 1,N/A,N/A 1,0,1 ml (04/09/2017-	B - Possible	Time to croset and reported chircle (gins are consistent with an anaphylactic tope reaction, which is a known possible side effect of vaccines as a class. Three vaccines were administered, so it is impossible to determine which vaccine would be responsible.

	SE-SEMPAV-2016-00286	Sweden	Animal	Canine/dog		14/06/2016	19/12/2016	1 1	1 15/06		Seture NOS,Falling_Staggering_Cough_Deat by euthanasis_Stiffness limth_General illness	No Data	A serious adverse event report from veterinarian was received by the MPA on June 21, 2015 regarding a dog, Lathord Retriever, male, 11, years oid, and bodyweight 3.6 kg, On June 14, the dog was vaccinated with Nobbrac Ld, batch no. A0100A1. The next day the dog staggered, India limbs were stiff, rearriery and the field down on the side. The whole event laste for approximately 10 seconds. The dog was treated with 1 mg/kg (0.2 mL) of pre-indionous, sighel dose given subcutaneously. The dog has been vaccinated against Leptosprosis earlier without a owerse reactions. The animal owner called the reporting veterinaries no June 20 and each ado boot tick pre-entit netwartens, but was adosted to wait of the reporting veterinaries no June 20 and each ado boot tick pre-entit netwartens, but was adosted to wait of the report. Follow up received from a veterinarian on 0.7 DEC 2015. The dog was euthanised approximately 1 month later. The dog has been seen the proposition of the report for the report for the veterinarian suspected the seitures were due to asphysis from a lang tumor and not due to vaccination. However, no autopsy to confirm the diagnosis was performed. No more information expected. MPA: Follow up information was received by MAMI and then forwarded to the MPA.	Retriever		NOBINAC L4 10X105 550- JAI/N/N/A, 24,1 00ce 1 Animal (14/06/2016-14/06/2016)-BR- 	O1 - Inconclusive	After follow up information the MPA changed the causality from 0 to 01.
	SE-SEMPAV-2016-00547	Sweden	Animal	Canine/dog		27/06/2016	17/11/2016	1 1		2016 Not Known	Autoimmune disorder NOS,Claw / hoof / nail loss,Claw / hoof / nail disorder NOS	Not Known	A serious adverse event report from veterinarian was received by the MPA on November 17, 2015 regarding a dog. Standard Poodle, femiles, Eysers old and bodyweigh 27 Sig. The dog was voscinated with Noblave L4, on May 30, 2015 and June 27, 2016. Batch no. A010A01,1 dose respectively. No concomitant medication. On June 30, 2016 I days after second vaccination) the animal owner notice that dog seemed tender in its claws. On October 14, 2016, the dog was brought to clinic, due to claw problems. Several claws were corroded and spllt. There was a strong suspice in that the dog had Symmetrical Lupoid Onychodystrof (S.O) (Onchymadesis), not confirmed by Biopsy. The dog had not set recovered at the time of the recons.			Noblwac L4, suspension for injection for dogs - N/A,N/A,N/A, N/A,1 dose (27/06/2016-N/A)-BR>>BR>		
NOBIVAC L4	SE-SEMPAV-N2017-00084	Sweden	Animal	Canine/dog	8 Month(s)	03/02/2017	15/02/2017	1 1	03/02	2017 Not Known, < > <b Not Known</b 		Not Known	An adverse event from a veterionism received by the MPA on February 15, 2017, regarding a dog. Border Terrier, mal, approximately B months old, bodyweight 6.1 kg. The dog was vaccinated with Nobbac Rables wet. Injection, batch no. ABJAMD and Nobbac L4 injection, batch no. ADBAMD on February 30, 2017, is dose respectively of immunisation. No concomitant medication. Prior to vaccination general conditions was without remarks. Within a few minutes after the vaccination the dog becomes dull. Mucous membrane, Capillary Refit little and femonal pulse without remarks. After about 5-10 minutes the dog was back in its habitual state. No treatment was given.	Border Terrier	6.1	Nobivac L4, suspension for injection for dogs - N/A, N/A, N/A, N/A,1 dose (03/02/2017- 03/02/2017-BR> Nobivac Rabies vet N/A,N/A,N/A,1 dose, 2 iE (03/02/2017- 03/02/2017)>BR> 	A - Probable	
NOBIVAC L4	SE-SEMPAV-N2017-00592	Sweden	Animal	Canine/dog	4 Year(s)	29/09/2017	20/10/2017	1 1	0 29/09	2017 Not Known	Immediate pain upon injection Infection Site pain, Joint pain NOS	Not Known	aserous adverse event report from veterinarian, received by the MPA on October 20, 2017, regarding and gog crossherd (17 you podie) (Chinese reside dog, Powder Off), neutred male, approximately 4 years old and bodyweight 2.2 Sig. The dog was brought to the clinic on September 25, 2017 due to laraneess on the left hind leg, but when examined at the veterinary clinic the dog was not sore when palasted, had a stable knee and was not sore when the back was palpated. The dog had trait and gigival recession. The dog was sent how without any reterment, the knee was recommended to be checked later in connection to sedation and mouth sanitation. On a revisit on September 29, the dog was better and moved without any internees, but not completely recovered. Was a bit sore at the lower back muscles and did not want to stretch the left hind leg. The dog was also vaccinated with a subctraenous injection of Noblave Lt a, I'm batcheno AD7601, No concention medications. When receiving the vaccine the dog winced and screamed. Later that same day the dog was brought back to the clinic as the dog had started to scream when hying under the kitchen table. The dog screamed whe was illted up and when the neck was touched. At clinical examination the dog was very tense and not willing to move. Could ben'the neck side to side and forward, unwilling to bow when moving. The right front leg and both hind legs without detectable findings. The dog was kept for observation and pain relief treatment with Nobliging indiced NSIO0 due to sensitive stomach. In the afternoon the dog was not lame, but held his left front leg up when standing still. Resected a bit when the neck was palpated and feet a to edeemations on both side of the neck. The dog were thore when moving. The dog was a to the analysis of the contracting the owner the dog was not lame, but held his left front leg up when standing still. Resected a bit when the neck was palpated and feet a to edeemations on both side of the neck. The dog were thome moving. The dog was to more manuface		2.25	Nebbuc L4, suspension for injection for dogs. "NA,NA,NA,NA," and (23/09/2017-23/09/2017)<8R>~6R>~6R>	O1 - Inconclusive	
	SE-SEMPAV-N2017-00665	Sweden	Animal	Canine/dog		18/09/2017	05/12/2017	1 1		2017 Not Known, >>BR>BR>B> Not Known, SR>BP>B Not Known, >>BR>BP>B Not Known, >>BR>BP>B Not Known	라 IR 라 라	Not Known	A serious adverse event report from a veterinarian received by the NPA on December 05, 2017, regarding a dog, Dalmathan, male, 3 years old and bodyweight 34 kg. The dog was vaccinated with Nobloac Li batchino Add9ADI, on september 13 and batchino, ANDF6ADI on October 16. Concomitant medication on September 18 was Nobloac DHP live vet, batchino, A1010DI and on October 16 Nobloan Platchino AM6BDI. One week after the first succination the dog got ear incling and localized algoci on the back. The animal owner flushed the ears with NaCl without results. The dog had a history of allergies and Cettins TSADA DI mg battless were prescribed. It is unknown if the dog completely recovered. After second vaccination the dog got severe skin reddening and papules over the entire back/ Incek and heard. The dog was prescribed Keffevat, APODULL and Predistional I mig tablets. Outcome at the time of report was unknown. At a quality review in 2018 this report was upgraded to serious.	Dalmatian c c		Nobivac DHP live vet N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	
NOBIVAC L4	TWN-MERCKMSD-2017-TW-00033	Taiwan	Animal	Canine/dog	3 Year(s)	19/08/2017	21/08/2017	1 1	0 19/08		Relation membrane, Swollen Steel, Dyspnoea, Vomiting	No Data	Sagected adverse reaction A 3 year old dag was succinated with Nobbux DIPEP, Nobbux L4 (Imised) and Nobbux Raibes (separately) study-timenously float-(i). Anot 30 mm after vaccination, dag showed vaniting, dyspone and pale mucous membranes. The vest treated the reaction with epinephrine, diphen-bydranine, perhedisolore and organ inhabition. The patient was getting stable. The owner tool hafr home and came hack again for red swellen from lags. After oral medication, patient receivered. No more information appeared in Reason for use for product: Generic LMPPIV II Seadon KOBINAC LIPED ISINIS 156. Reason: Vaccination Generic: LEPTO*/ VIETC. ANGINPP.BRATI XB Brands NOBINAC LIPED ISINIS 156. Reason: Vaccination Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 158 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 158 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 158 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 158 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 158 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Reason: Vaccination (Generic: RABIES IN AUI AUI/UNANT KV Brand: NOBIVAC RABIES 10XIDS 159 Re	Canine/dog k o		NOBIVAC DHPP 10X1DS 165 - 1,1/A/A/A, 2,4 l Dose Unknown 1 Aminal (19/08/2017)-8R-NOBIVAC L4 10X1DS 165 - 1,1/A/A/A, 2,4,1 Dose Unknown 1 Aminal (1 Dayls) 19/08/2017-8R>-8B-NOBIVAC L4 10X1DS 165 - 1,1/A/A/A, 2,4,1 DOSE UNKNOWN 1 Aminal (1 Dayls) 19/08/2017-8R>-8B-NOBIVAC RABIETS 10X1DS 165 - 1,1/A/A/A, 2,4,1 DOSE UNKNOWN 1 Aminal (19/08/2017-19/08/2017)-8R>-8R>-8R>-8R		

NOBIVAC L4	UK-NLLEVET-Metrobactin-	United	Animal	Canine/dog	8 Year(s)	14/09/2017	08/11/2017	1	1 0	20/09/2017		Hepatitis,Hepatopathy,Elevated	Not	Previous clinical history: Dog not previously had any metronidazole. 11th August 2017: Dog had	Lhasa Apso	7.7	Metrobactin 250 mg Tablets for	O1 - Inconclusive	Hepatotoxicity is not expected following vaccination.
	20171103	Kingdom										liver enzymes,Elevated AST,Elevated AST,Elevated bile acids,Elevated SAP,Liver degeneration,Elevated cholesterol (total)	Known	booster of Nobiwa: Dhy and started course of Nobiwa: Lepto 4. Dog has bad demtal disease. 24th September 2017: Dog in for second vaccination of Nobiwa: Lepto 4. dog has had detental disease. 24th ps. Vest started the dog on 125 mg (1/2.25 mg tablet) Metrobactin BID for 10 days. Dog is 7.7 kg-16.2 mg/g BID. Dog mg for second vaccination of Nobiwa: Lepto 4. dog has had the women. Adverse reaction: 20th September 2017: Dog in for per-anaesthetic bloods- manual PCV 54%, ALT 345 [10-118 Urea 3.7, ALP 12 Hig 2015]. Owner person polyulario polyphigia, always a fixey eater, no concerns about gastrointestinal tract (only had one bout of colic last year). Haematology and 50MA normal: Ideav report elevated hey parameters show evidence of a hepatopathy with no evidence of hepatof functional impairmenters show evidence of a hepatopathy with no evidence of hepatof functional impairmenters show evidence of a hepatopathy with no evidence of hepatof functional investment, but doesn't rule out gruntling hepatitis. Could also be primary or secondary live detail of leases. evidence, but the secondary live detail disease. Postponed detail surgery. 11th October 2017: Scan plint of scan not further specifiedy all normal, suspect ALT elevations recondary to periodontize. 2007. Exch October 2017: Dog las been fine, under the secondary live details and the secondary in the secondary live details and scandary to periodontize. 2007. Exch October 2017: Open las been fine, some secondary live details. Spect product 11.0. Dog sent form on Norocher 125 mg BID. Dog sent form on Norocher 2017; User scan down of the secondary live details and secondary live details. Spect product 11.0. Dog sent form on Norocher 2017; User scan down of the secondary live details and secondary live details and secondary live details of the secondary live details of the secondary live details degenerated to the production of the secondary live and secondary live details degenerated in the production of the secondary live and secondary live exits from biopsy-histolo	1		Dogs and Cats - 125,1,21 Hours, 3,0.5 Label (Ed. 2 mg/kg Bill Dil Dayls) Label (Ed. 2 mg/kg Bill Dil Dayls) 14/09/2017- 24/09/2017- Ed. 24/09/		Nowever it is a known adverse effect of metronidazole which was given concurrently. Dog has also been in vicinity of a product called "Roundup"- a weed siller, which is associated with hepatotoxicity. Cannot exclude product involvement however due to confounding factors, the assessment is inconclusive
NOBIVAC L4	UK-VMD-0002/16	United Kingdom	Animal	Canine/dog	14 Year(s)	03/11/2015	04/01/2016	2	1 0	03/11/2015	Yes	Restlessness,Injection site irritation,Rolling	No Data	Injection site irritation, rolling on back, unsettlied at night (coded as restlessness) within 24 hours of vaccination. Clinical signs resolved within 4 weeks without treatment, no previous reaction or exposure. Nothing further.	Other Canine/dog	15	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (03/11/2015-N/A) 	A - Probable	Injection site irritation is known to occur following vaccination, this is most likely explanation of the rolling on back. The periods of restlessness at night have a close time association with the vaccination, and are therefore possible. Overall, coded A.
NOBIVAC L4	UK-VMID-0008/17	United Kingdom	Animal	Canine/dog	3.45 Month(s)	23/11/2016	11/01/2017	1	1 1	30/12/2016	Not Known,
 Not Known</br 	Vomiting,Renal failure,Death,Inappetence,Decreas de body temperature,Lethargy (see also Central nervous system depression in 'Neurological'),Elevated creatinine	Not Known	Within 3 days of the finel dose in the vaccination course, the west off the food, was voiniting and became very lethnig. Temperature low, creatinine levels high, Treated with Intervenous fluid therapy Within 10 days of administration went into kidney failure. Previous reaction. Nothing further.	Labrador y. Retriever	9.8	Nobivac DHPPI, Lyophilisate and Solvent for Supersion for Injection for Ose; M-IAN/MA/MA/MA individual for Dogs: M-IAN/MA/MA/MA individual for Mose and M-IAN/MA/BR-SBR-Nobivac L4 Supersion for Injection for Dogs: M/AM/MA/MA/First jab 23/11/16 A055A02 followed by final nobivac l4 on 22/11/15 injected into back of the neck (23/11/2016-22/12/2016)-BR-SBR>	B - Possible	Temporal association between administration and symptoms. Renal failure is not a known adverse event following vaccination with this product.
NOBIVAC L4	UK-VMD-0020/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	30/12/2014	05/01/2015	1	1 0	01/01/2015	Not Known	Injection site warmth,Injection site lump,Injection site pain,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	Not Known	Injection site lump, warmth and pain 48 hours after vaccination administration. Five days after vaccination lethurgic and pyrexic. Unknown treatment commenced, outcome unknown. Nothing further.	King Charles Spaniel	5.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml followed by 1 ml 4 weeks later (30/12/2014-N/A) SR><	A - Probable	Injection site reactions may occur after administration of the product.
NOBIVAC L4	UK-VMD-0034/17	United Kingdom	Animal	Canine/dog	2.7 Month(s)	04/01/2017	11/01/2017	1	1 0	04/01/2017	Not Known, BR >BR>BR>BR> Not Known	Facial swelling (see also 'Skin'),Pinnal erythema,Swelling	Not Known	Swelling around eyes and nose and erythema of ears within 1 hour of administration. No previous exposure. Outcome unknown. Nothing further.	Shetland Sheepdog	2.27	Nobivac DHP - N/A,N/A,N/A N/A,DHP and L4 mixed vaccine (04/01/2017)-BR> Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,DHP and L4 mixed vaccine (04/01/2017- A/M1/7/D17-KRB> 	B - Possible	Temporal association between administration and symptoms. In very rare cases a transient acute hypersensitivity neation may occur. Symptoms consistent with such a reaction. Multiple products used.
NOBIVAC L4	UK-VMD-0037/16	United Kingdom	Animal	Canine/dog	5.92 Year(s)	09/12/2015	06/01/2016	1	1 0	09/12/2015	Not Known	Injection site swelling	Not Known	Injection site swelling noticed within 24 hours post vaccination. Lump still present 5 weeks later when dog presented for 2nd dose vaccination. No treatment given, outcome unknown.	Labrador Retriever	37.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (09/12/2015-N/A) 	A - Probable	Close time and anatomical association, unexpected for it to last this long.
	UK-VMD-0040/15	United Kingdom	Animal		1.4 Year(s)	06/01/2015	06/01/2015	1		06/01/2015	> Not Known,
 Not Known</br 	Facial swelling (see also 'Skin], Urticarial erythema, Allergic pruritus	Not Known	Allergic pruritus, allergic oedema and urticaria of the face, lips and around the eyes within 6 hours pos vaccination. Recovery an unspecified period later following unspecified treatment.	t Maltese	2.7	Nobivac DHP - 1,N/A,N/A, 24,Single dose of each product [Lepto and DHP given 5/C, KC given intransas] (06/01/2015-N/A)+BR-Nobivac KC - 1,N/A,N/A, 24,N/A (06/01/2015-N/A)+BR-SR-Nobivac L4 Suspension for Injection for Dgs-1,N/A,N/A, 24,N/A (06/01/2015-N/A)+BR- <br->BR-Nobivac L4</br->	B - Possible	Possible hypersensitivity reaction but multiple products administered.
NOBIVAC L4	UK-VMD-0042/17	United Kingdom	Animal	Canine/dog	3.33 Year(s)	02/01/2017	12/01/2017	1	1 0	04/01/2017	Not Known	Distress, Behavioural disorder NOS, Apprehension, Crying, Circulato ry collapse (see also 'Neurological' and 'Systemic disorders'), Inappropriate defecation	Not Known	Collapse with crying then bower release (coded as Inappropriate defectation) within 48 hours of vaccination. After one mitrute he awoke, deade (coded as Inappropriate defectation) and scared (coded as apprehension). No previous exposure. Recovered without treatment. Nothing further.	Dogue de Bordeaux	47	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (02/01/2017-N/A) BR> 	B - Possible	Temporal relationship between administration and symptoms. Similar symptoms have been seen following use of this product, however other causes cannot be excluded.
	UK-VMD-0042/18	United Kingdom	Animal	Canine/dog	1.2 Year(s)	03/01/2018	03/01/2018	1	1 0	03/01/2018	Not Known,
 Not Known</br 	Facial oedema	Not Known	Facial oedema less than 6 hours after vaccination. Outcome unknown.	English Cocker Spaniel	14	Nobivac DHP - N/A,N/A,N/A ,N/A,DHP powder reconstituted with 4.6 suspension and resultant mixture 1ml injected subcutaneously (03/01/2018-N/A)+BR->-BR>-Nobivac 4.5 suspension for injection for Dogs- N/A,N/A,N/A,N/A,N/A (03/01/2018- N/A)+BR>->BR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-0046/18	United Kingdom	Animal	Canine/dog	5.33 Year(s)	20/12/2017	09/01/2018	1	1 0	23/12/2017	Not Known, KBR>KBR>KBR> Not Known, KNOWN, KBR> Not Known	Anxiety,Behavioural disorder NOS	Not Known	Three days after starting treatment with Apoquel and receiving Advocate pool on and Nobbac LS, the owner described the dog acting abnormally, Lating hereal flaws yor from the family, scarching at the flooring and seemed very anxious. The owner described the symptoms seemed to settle a little as she decreased the dose and stopped when the medication was stopped. The reaction lasted for 7 days.	Labrador Retriever	24.6	Advocate Spot- on Solution for Large Dogs - M/AN/AN/A M/AN/A M/AN/A (20/12/2017-M/4)8H-5-RB-Apoquel 5-4mg Rim-coated Tablet for Dogs -5-4,212 Hours, 3-kmg tablet 2 bid for 3 days then 2 sid for 4 days (7 Dayls) 20/12/2017 27/13/2017-RB-SB-Mobbwac L4 Sospension for Injection for Dogs - N/AN/AN/A M/AN/A (20/12/2017- N/ASB-SB-SB-	O1 - Inconclusive	The signs are not typical of a vaccine reaction although there could be a possible product link. Other products also used concurrently.

NOBIVAC L4	UK-VMD-0047/18	United Kingdom	Animal	Canine/dog	4.17 Year(s)	02/01/2018	08/01/2018	1 1	0 02/0:	> <br< th=""><th>wn, <br R> <known< th=""><th>Facial swelling (see also 'Skin'),Reddening of the skin,Scrotal irritation NOS,Urticarial erythema,Urticarial rash</th><th>Not Known</th><th>Within 6 hours of vaccination there was slight muzzle swelling and redness, and inflamed scrotum and mild urticaris on the ventrum. The reaction lasted for 2 days. No treatment recorded. The dog was previously fine with nobivac L4 but seemed to have reacted the same to vanguard vaccine 2 years ago.</th><th>Shih Tzu</th><th>9.5</th><th>Nobivac DHP - 1,N/A,N/A ,10,1ML SUBCUT NOBIVAC DHP/L4 VACC (02/01/2018-N/A) >Nobivac L4 Suspension for Injection for Dogs</th><th>B - Possible</th><th>Very strong temporal relation to signs suggestive of a vaccine reaction. 2 products used concurrently so unable to say which has caused.</th></known<></br </th></br<>	wn, <br R> <known< th=""><th>Facial swelling (see also 'Skin'),Reddening of the skin,Scrotal irritation NOS,Urticarial erythema,Urticarial rash</th><th>Not Known</th><th>Within 6 hours of vaccination there was slight muzzle swelling and redness, and inflamed scrotum and mild urticaris on the ventrum. The reaction lasted for 2 days. No treatment recorded. The dog was previously fine with nobivac L4 but seemed to have reacted the same to vanguard vaccine 2 years ago.</th><th>Shih Tzu</th><th>9.5</th><th>Nobivac DHP - 1,N/A,N/A ,10,1ML SUBCUT NOBIVAC DHP/L4 VACC (02/01/2018-N/A) >Nobivac L4 Suspension for Injection for Dogs</th><th>B - Possible</th><th>Very strong temporal relation to signs suggestive of a vaccine reaction. 2 products used concurrently so unable to say which has caused.</th></known<></br 	Facial swelling (see also 'Skin'),Reddening of the skin,Scrotal irritation NOS,Urticarial erythema,Urticarial rash	Not Known	Within 6 hours of vaccination there was slight muzzle swelling and redness, and inflamed scrotum and mild urticaris on the ventrum. The reaction lasted for 2 days. No treatment recorded. The dog was previously fine with nobivac L4 but seemed to have reacted the same to vanguard vaccine 2 years ago.	Shih Tzu	9.5	Nobivac DHP - 1,N/A,N/A ,10,1ML SUBCUT NOBIVAC DHP/L4 VACC (02/01/2018-N/A) >Nobivac L4 Suspension for Injection for Dogs	B - Possible	Very strong temporal relation to signs suggestive of a vaccine reaction. 2 products used concurrently so unable to say which has caused.
MORIVACIA	UK-VMD-0048/17	United	Animal	Canina/dag	8 Month(s)	11/08/2016	05/01/2017		0 26/1	2/2016 Not		Lack of efficacy	Other	On 11 Aug 2016, dog vaccinated with first Nobivac DHP and Nobivac L4 (no details given). On 25 Aug	Labrador	22	1,N/A,N/A ,10,1 ml Unknown 1 Animal (02/01/2018-N/A) -RR> Nobivac DHP - 1,N/A,N/A ,10,Given	N - Unlikely	This vaccine provides no immunity to Parvovirus.
NOBIVAC 14	UN-WINDOWS I	Kingdom	Auma	cannie, dog	o municipa)	11/09/2010	03/01/2017		0 20/1	Know	wn, kr, 	lack to emaky	Other	2015, day saccinited with second does of Nobbacc DHr. If it and well and no other product given at the same time. On 8 Sep 2016, day saccinited with second does of Nobbacc DHr. If it and well and no other product given at the same time. On 8 Sep 2016, day saccinited with second does of Nobbacc L4. On 21 Nov 2015, presented with darkness and given buybarnox I and defeative advice given. On 27 Dec 2016, pashotizetis and darkness, vomiting and privace 50 dargers celsius. Reported that the day lad been easing rubbin one of the week. Given Cerenia, Syndox, Transdational of Vetergesic. On 22 Dec 2015, presented with further vomiting and givens; but has turned blooks; Chelydraded and temperature 322 degress celsius, he a dog was admitted for intravenous fluid therapy, antibotics and pain releft. A faceal sample tested externally and was registre for parvovirus antigen but positive on PCI. A faceal sample tested externally and was registre for parvovirus antigen but positive on PCI. Continued Meternolacios. Syndox on quotassium supplement. On 31 Dec 2015, day was discharged on medical and improving. The veterioriary practice reports an outbreak of parvovirus in the area in both vaccinated and nunscincined door, No further information expected.	: Retriever	22	Noolse, 107, 137, 147, 147, 147, 147, 147, 147, 147, 14	N- Ollmey	this vaccine provides no minimum, to renovalue.
	UK-VMO-0048/18	United Kingdom	Animal	Canine/dog	Year(s)	05/12/2017	08/01/2018	1 1		> <br: Not Know ><br: Not Know ><br: Not K</br: </br: </br: 	wn, <br x>BR> wn, <br x>BR> wn, KN KNOWN</br </br 	Cough Registrony tract disorder NOS, Lack of efficacy (bacteria NOS)	Not Known	11 days after vaccination the dog developed signs of keened cough infection, listing for 3 weeks. No treatment recorded. No more information expected. Linked to ADR 0050/18(2018-UI-00089) where by the owner had a reaction.	Continental Toy Spaniel - Papillon (with erect ears)	3.9	for Dogs - M/A.N/A.N/A.N/A.Doe Unknown 1 Anima (05/12/2017-N/A)-BBF-3BF-Noblwa C DFP - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	N - Unlikely	Sgys not expected for this product, are related to the XC vaccine
NOBIVAC L4	UK-VMO-0050/18	United Kingdom	Human	Human	Not Known	05/12/2017	05/01/2018	1 1	0 16/1:	> <br: Not Know ><br: Not Know</br: </br: 	wn, wn, 	Sneezing	Not Known	A dog owner reported that sike started sneezing shortly after her dog that had been vaccinated against Kennel Cough less han 2 weeks previously. She does not appear to have sought medical advice about her symptoms. Linked case (dog) UK-VMO-0048/18.	Human	Not Known	Loxicom 1.5 mg/ml Oral Suspension for Dogs - , -SR>-Nobiwac DHP -, -GR>-Nobiwac KC - 1, 24cBR>-BR>-Nobiwac L4 Suspension for Injection for Dogs - -, -SR>		
	UK-VMD-0053/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	29/12/2014	07/01/2015	1 1	0 30/1:	> <br< td=""><td>wn, BR R>BR>CBR></td><td>Inappetence,Lethargy (see also Central nervous system depression in 'Neurological')</td><td>Not Known</td><td>Anorexia and lethrary 12 hours post vaccination. SIUI ongoing 1 week later despite unspecified treatment. History of a similar reaction 4 weeks earlier post vaccination with Nobivac DHP and Nobivac L4. The dog had recovered 2 weeks after start of adverse reaction. Therefore VS only suspect: Nobivac L4.</td><td>Shih Tzu</td><td>ğ</td><td>Nobivac DHP - 1,N/A,N/A,24,N/A (01/12/2014-N/A) - RBR- - RBR-Nobivac 14 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 dosage form (29/12/2014-29/12/2014) - BR> - RBR></td><td>B - Possible</td><td>Close time association and a similar reaction was seen following each dose of the vaccination course.</td></br<>	wn, BR R>BR>CBR>	Inappetence,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Anorexia and lethrary 12 hours post vaccination. SIUI ongoing 1 week later despite unspecified treatment. History of a similar reaction 4 weeks earlier post vaccination with Nobivac DHP and Nobivac L4. The dog had recovered 2 weeks after start of adverse reaction. Therefore VS only suspect: Nobivac L4.	Shih Tzu	ğ	Nobivac DHP - 1,N/A,N/A,24,N/A (01/12/2014-N/A) - RBR- - RBR-Nobivac 14 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 dosage form (29/12/2014-29/12/2014) - BR> - RBR>	B - Possible	Close time association and a similar reaction was seen following each dose of the vaccination course.
NOBIVAC L4	UK-VMD-0060/18	United Kingdom	Animal	Canine/dog	4 Year(s)	16/11/2017	04/01/2018	1 1	0 19/1:	×BR: Not Know ×BR:	wn, wn, Wn, Known	Anaemia NOS, Polyarthritis, Immune mediated haemolytic anaemia	Not Known	Anaemia developed, possibly immune mediated Hsemolytic anaemia + poly arthritis three duys after vaccination, outcome unknown. **REV** Case received by the Veterinary Medicines Directorate Suspected Adverse Reaction On 16 Nov 2017, dog was vaccinated with Noblvac DNP, Nobbac L4 and Nobbac KC. Anaemia developed, possibly immune mediated Hemolytic anaemia and poly arthritis three days after vaccination (19 Nov 2017), outcome unknown. No further information expected.	Other Canine/dog	30	Nobixo CHF - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (15/11/2017- N/A) <br-sbr-nobixoa -<br="" kc="">4,N/A,N/A, 10,0.4 ml Unknown 1 Animal (15/11/2017- N/A) -SBR>Nobixoc L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (15/11/2017-N/A) >BR></br-sbr-nobixoa>	B - Possible	Timing/clinical signs suggest product involvement. Three products administered concurrently
NOBIVAC L4	UK-VMD-0066/15	United Kingdom	Animal	Canine/dog	3.33 Year(s)	02/01/2015	08/01/2015	1 1	0 04/0:	1/2015 Not K	Known	Seizure NOS	Not Known	Convulsions 48 hours post vaccination. Recovery the same day. Blood tests carried out the next day showed no abnormalities.	Jack Russell Terrier	4.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (02/01/2015-N/A) 	O - Unclassifiable/unassessa ble	Convulsions are not expected and there was not a close time association. Role of vaccination cannot be ruled out.
NOBIVAC L4	UK-VMD-0072/15	United Kingdom	Animal	Canine/dog	4.17 Year(s)	10/12/2014	08/01/2015	1 1	0 12/1:	2/2014 Not K	Known	Restlessness, Vocalisation, Pacing	Not Known	Hyperactivity and vocalisation 48 hours post vaccination. Recovery 1 day later with no treatment.	Jack Russell Terrier	10.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,GIVEN AS ROUTINE ANNUAL VACCINATION (10/12/2014-N/A) BR> 	O - Unclassifiable/unassessa ble	Not a close time association and unspecific signs but product role cannot be ruled out.
NOBIVAC L4	UK-VMD-0077/17	United Kingdom	Animal	Canine/dog	6.17 Year(s)	23/12/2016	06/01/2017	1 1	0 28/1:	2/2016 Not K	Known	Behavioural disorder NOS,Inappropriate Gefecation,Diarrhoea,Retching-Poly dipsia,Ataxis,Collapse (see also "Cardio-vascular and Systemic disorders"),Limb weakness	Not Known	about a week after the dog was administered this vaccies, he became isolated and wretching a lot we then notified that when he rose from esting his front legs were given way and he was momentarily collapsing, he is divining more water him normal and defeating less. Case received from Veterinary collapsing he is divining more water him normal and defeating less. Case received from Veterinary and wretching a lot we then noticed that when he one from resting his front legs were giving way and he was momentarily collapsing, he is divining more water than normal and defeating less. Case received by MMH 5 Ian 2017 Suspected delivers Reaction On 26 Nov 2015, dog succinated with first Noblese Ls and boost of Noblese XC On 32 Nov 2016, day descend does not blobbe as I do in water was a successful on the successful of the successful on the successful of the successful on water delivers of the successful of the successful on the successful of the successful on the water delivers of the successful of the successful on the successful of the successful of the water delivers of the successful of the successful of the successful of the water delivers of the successful of the successful of the successful of the water delivers of the water delivers of the successful of the water delivers of the successful of the water delivers of water delivers	English Cocker Spaniel	r Not Known	Nobivac L4 Suspension for Injection for Dops - I.N/A.N/A. 1,0.1 ml 1 Animal (23)/12/0166- 23/12/2016)-BR> 	O1 - Inconclusive	One week is not a very strong temporal association, and signs are not expected after vaccination. Product involvement cannot be excluded, however, some underlying condition is also possible
NOBIVAC L4	UK-VMD-0080/18	United Kingdom	Animal	Canine/dog	2.06 Month(s)	04/01/2017	04/01/2018	15 15	0 01/0:	> <br:< td=""><td>wn, <br R> Known</br </td><td>Injection site pruritus, Crying, Scratching</td><td>Not Known</td><td><u>Association</u> and expendent entered as 1.5 from narrable information below) have recently restated more an ormal to the weckerclaims, reging for up to a minute and exactiving at the receip out neglective and exactiving at the receip out neglective different been considered that a size there are sense that the size of the receipt of th</td><td>Crossbred</td><td>Not Known</td><td>Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (0A/01/2018-M/A)-4Bt>-4BR-Nobivac L4 Suppension for injection for Dogs 1,N/A,N/A,N/A,1 vial (04/01/2017- N/A)-4BR>-4BR></td><td>B - Possible</td><td>Close temporal association and clinical signs suggest product involvement is possible. Two vaccines used.</td></br:<>	wn, <br R> Known</br 	Injection site pruritus, Crying, Scratching	Not Known	<u>Association</u> and expendent entered as 1.5 from narrable information below) have recently restated more an ormal to the weckerclaims, reging for up to a minute and exactiving at the receip out neglective and exactiving at the receip out neglective different been considered that a size there are sense that the size of the receipt of th	Crossbred	Not Known	Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (0A/01/2018-M/A)-4Bt>-4BR-Nobivac L4 Suppension for injection for Dogs 1,N/A,N/A,N/A,1 vial (04/01/2017- N/A)-4BR>-4BR>	B - Possible	Close temporal association and clinical signs suggest product involvement is possible. Two vaccines used.

NOBIVAC L4	UK-VMD-0085/17	United Kingdom	Animal	Canine/dog	2.4 Year(s)	05/12/2016	12/01/2017	1 1	1 25/:	> Not Kr	n, de nown 'Ne ha	ot drinking, Death, Lethargy (see so Central nervous system epression in leurological'), Immune mediated seemolytic anaemia, Food refusal	Not Known	Letharge, not eating or drinking 20 days following vaccination 2.1 days following vaccination admitted to vets, had a blood transfusion and onlive unknown treatment. 2 days post-vaccination died from immune mediated haemolytic anaemia. Unknown previous exposure. Nothing further.	Crossbred	Not Known	for Dogs - N/A,N/A,N/A,N/A,N/A (05/12/2016-N/A) Nobivac Pi - 1,N/A,N/A, 10,1 ml (05/12/2016- N/A) 	- Possible	Temporal association between vaccination and signs. According to the SPC, in very rare cases, clinical signs of immune-mediated haemolytic anaemia have been reported. Multiple products administered.
NOBIVAC L4	UK-VMD-0086/18	United Kingdom	Animal	Canine/dog	2.45 Month(s)	30/12/2017	05/01/2018	3 1	0 30/:		n, 'Ne	omiting_Lethargy (see also Central rvous system depression in leurological')	Not Known	On 30 Dec 2017 three dogs, were vaccinated with Noblvac DHP and Noblvac L4. Within 30 minutes of vaccination one dog was vomiting 3 times over the course of an hour. Very lethangic for 24 hours. Thei back to normal completely after that. Nothing further.	Chinese Crested dog – Hairless	2.5	Nobivac DHP - 1,N/A,N/A,N/A,1 vial B- (30/12/2017- 30/12/2017) SRS-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (30/12/2017-30/12/2017-SRS-SRS-	- Possible	Clinical signs and timing suggest product involvement is possible. Two vaccines given.
	UK-VMD-0091/17	United Kingdom	Animal	Canine/dog	8.33 Year(s)	05/01/2017	08/01/2017	1 1	0 06/0		n, 'Ne	iff gait, Lethargy (see also Central ervous system depression in leurological'), Pain OS, Restlessness, Arched back	Not Known	Lethargy, resities, stiff galf, arched back, appeared painful but no site of pain found on examination. Signs appeared 24 hours after vaccination, outcome unknown.	Crossbred	22.2	Nobivac KC - N/A,N/A,N/A,N/A,N/A B - (05/01/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (05/01/2017-N/A) <	- Possible	General pain can be associated to post-vaccination, temporal association is close. Two products administered
NOBIVAC L4	·	United Kingdom	Animal	Canine/dog	8.5 Year(s)	19/11/2014	11/01/2016	1 1	0 04/0		iR> <b inji<br="">I> Yes	jection site mass	No Data	Injection site masses in both sites of vaccination, increasing in size since time of vaccination (exact dates unknown) and still containing to gow in size at 14 and 15 months post vaccination respectively. No treatment given, no further information.	Other Canine/dog		(21/10/2014-N/A) BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,N/A (19/11/2014-N/A) BR> 	- Possible	Dermal masses are known to occur following vacation, however unusual that the masses are increasing in size still at 14-15 months post vaccination, therefore cannot rule out other possible causes. Overall, B.
NOBIVAC L4	UK-VMD-0096/18	United Kingdom	Animal	Canine/dog	9.42 Year(s)	04/01/2018	06/01/2018	1 1	0 04/0	1/2018 Not Kr	(se de	eucocytosis,Inappetence,Lethargy ee also Central nervous system epression in leurological').Pyrexia	Not Known	On 4 Jan 2018 the dog was vaccinated with Nobivac L4. From the same day, the dog developed lethargy, pyrexia and inappetance. The client was suspicious of a vaccine reaction, however the vet was concerned about a possible pyometra. The client declined ultrasound however bloods show elevated white blood cell count. No further information.	Golden Retriever	26.8	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A ,N/A,One vial (04/01/2018-04/01/2018) BR>	- Possible	Lethargy, pyrexia and inappetence can be seen following this product however possible causes have not been excluded - product involvement is possible.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	8.4 Year(s)	07/12/2015	12/01/2016	1 1		2/2015 Yes	lun	jection site hair loss,Injection site mp	No Data	Injection site lump with alopecia within 2 days of vaccination; FNA showed serosanguinous fluid, treated with NSAIDS leading to recovery in 30 days. Similar reaction previously, that time resolved spontaneously (see linked cases 2013-UK-00048 and 2016-UK-00154). No further information.	English Springer Spaniel	20	for Dogs - 1,N/A,N/A,N/A,gave 1 vial for annual booster (07/12/2015- N/A) 	- Probable	Considering close temporal association, and previous reaction, a product related reaction is probable.
NOBIVAC L4	UK-VMD-0104/16	United Kingdom	Animal	Canine/dog	2 Month(s)	17/12/2015	11/01/2016	2 1	0 17/:	> Not Known	1, de 'Ne 1, 	jection site pain, Lethargy (see so Central nervous system pression in leurological'), Localised pain NOS ee other 'SOCs' for specific pain)	Not Known	Injection site pain, limb pain and pupremained in bed (coded as lethargy) in 1 puppy out of 2 within 30 minutes post vaccination and concurrent deworming. No treatment given, recovery 3 days later.	Lhasa Apso	1.5	Milbemax Tablets for Small Dogs B- and Puppies - N/AN/AN/A N/A N/A, N/A, N/A (17/12/2015-N/A) B- ANDEWS - SR-Nothwax L4 Suspension for Injection for Dogs - 1.N/AN/A N/AL VAIL (17/12/2015- N/A) B- ANDEWS - SR-NOthwax Parvo-C - 1.N/AN/A A/A-SR-SR-NOTH - N/A-SR-SR-SR-NOTH - N/A-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-	- Possible	Close time and anatomical association, known adverse effect.
NOBIVAC L4	UK-VMD-0104/17	United Kingdom	Animal	Canine/dog	3 Month(s)	03/01/2017	09/01/2017	1 1	0 05/0	1/2017 Not Kr	nown Pet	etit mal epilepsy	Not Known	Multiple petit mal convulsion approx 48 hours after the second vaccination. No treatment given - signs ongoing	Dalmatian	Not Known	Nobivac L4 Suspension for Injection Of for Dogs - N/A,N/A,N/A,N/A,one dose given 5.12.2016 - second given 3.1.2017 (03/01/2017- N/AL/RR>>RR>	1 - Inconclusive	Onset time is not clear: sometime less that 48 hours after vaccination and signs are not expected. Product involvement is possible. however, other factors such as underlying conditions cannot be discarded
NOBIVAC L4	UK-VMD-0111/17	United Kingdom	Animal	Canine/dog	1.25 Year(s)	05/01/2017	09/01/2017	1 1	0 05/0		n, 	jection site swelling,Injection site sin,Restlessness,Shivering	Not Known	Shivering and unsettled from 6 hours after vaccination. Presented 4 days later with painful subcutaneous swilling over dorsal neck. No previous reactions. Recovered with course of NSAID after 5 days. Nothing further.	Crossbred	8.5	Nobivac DHP - 1,N/A,N/A, N/A,1 vial B - of each (05/01/2017- 05/01/2017)-BR>SER>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (05/01/2017- 05/01/2017)-BR>SER>	- Possible	Temporal and local association between vaccination and signs. A small transient swelling at the site of injection (= 4 cm), which can occasionally be firm and painful on palpation, has been observed very commonly in clinical studies. Multiple vaccines administered.
NOBIVAC L4	UK-VMD-0111/18	United Kingdom	Animal	Canine/dog	2.19 Year(s)	08/01/2018	08/01/2018	1 1	0 08/0		n, <td>rticaria,Facial rash (For urticaria se Immune SOC)</td> <td>Not Known</td> <td>On 8 Jan 2018 the dog was vaccinated with Nobivac DIP and L4. Within one hour the dog developed urticaris on the face. No information on treatment or outcome.</td> <td>Pug</td> <td>11</td> <td>Nobivac DHP - 1,N/A,N/A,24,1 bolus B- each (08/01/2018- 08/01/2018\shrx>8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (08/01/2018- 08/01/2018\shrx>8R></td> <td>- Possible</td> <td>Close temporal association - suspected hypersensitivity reaction. Two products used.</td>	rticaria,Facial rash (For urticaria se Immune SOC)	Not Known	On 8 Jan 2018 the dog was vaccinated with Nobivac DIP and L4. Within one hour the dog developed urticaris on the face. No information on treatment or outcome.	Pug	11	Nobivac DHP - 1,N/A,N/A,24,1 bolus B- each (08/01/2018- 08/01/2018\shrx>8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (08/01/2018- 08/01/2018\shrx>8R>	- Possible	Close temporal association - suspected hypersensitivity reaction. Two products used.
NOBIVAC L4	UK-VMD-0112/15	United Kingdom	Animal	Canine/dog	13.96 Year(s)	09/01/2015	12/01/2015	1 1	0 10/0	1/2015 Not Kr	sys	ethargy (see also Central nervous stem depression in leurological'),Vestibular disorder	Not Known	Lethargy 24 hours post vaccination followed by a vestibular episode the next day. Unspecified treatment given leading to recovery after 3 days.	Jack Russell Terrier	12	Nobivac L4 Suspension for Injection Of for Dogs - 1,N/A,N/A ,24,N/A (09/01/2015-N/A) 	1 - Inconclusive	Lethargy is a non-specific sign and could be expected post vaccination but a vestibular episode is not expected and other causes are possible.
NOBIVAC L4	UK-VMD-0114/15	United Kingdom	Animal	Canine/dog	4.61 Year(s)	07/01/2015	12/01/2015	1 1	0 08/1		n, 'Ne	omiting.Lethargy (see also Central ervous system depression in leurological')	Not Known	Emesis and lethargy 24 hours post vaccination. Recovery 24 hours later following unspecified treatment. History of a similar reaction post vaccination the previous year (unknown which vaccines used).	Yorkshire Terrier	5.7	Nobivac DHP - 1,N/A,N/A, 10,1ml - B- reconsituted warmed vaccine, 5/C injection clinical exam NAD prior to vax (07/01/2015- N/A/SB>-SBN-obivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 10,1ml (07/01/2015- N/A) >>	- Possible	Close time association but non-specific signs and 2 products administered.
	UK-VMD-0118/15	United Kingdom	Animal	Canine/dog	8.67 Year(s)	05/01/2015	12/01/2015	1 1	0 05/0	1/2015 Not Kr		nmune mediated erombocytopenia	Not Known	Immune mediated thrombocytopaenia within 6 hours of vaccination administration, lasting three days outcome unknown. VS suspects vaccination reaction. Nothing further.		35.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,2nd L4 Ur vaccination (05/01/2015- N/A)≤BR> 	- nclassifiable/unassessa ie	Close temporal association, however insufficient information to fully assess case and assign causality.
	UK-VMD-0118/17	United Kingdom	Animal	Canine/dog	4.25 Year(s)	04/01/2017	10/01/2017	1 1	0 04/0	1/2017 Not Kr	'Sk (se de	omiting.Facial swelling (see also kin'),Wheal,Urticaria,Lethargy ee also Central nervous system epression in leurological'),Macular rash	Not Known	URITCABLE REACTION WITH SWELLING OF FACE. WEALS ON BODY AND NUMEROUS PINN MACULES ON RELATIVELY MEMERIS AREAS (REGINS/BELLY/ABLIAL). ELITHARGIC AND VORMED 12 TIMES OVER 38 HOURS STARTING WITHIN 12 HOURS OF VACCINATION. NO PREVIOUS REACTION TO VACCINATION, PROVIOUS REACTION TO VACCINATION, PROVIOUS NON-VACCINE RELATED URITCABLE REACTION. TREATED WITH DEXADRESSON, RECOVERY WITHIN 3 DAYS, NOTHING FURTHER.	Hungarian Short-haired Pointing Dog (Vizsla)	31	Nobivac L4 Suspension for Injection A- for Dogs - N/A,N/A,N/A,N/A,SINGLE VIAL OF NOBIVAC LEPTO4 GIVEN SUB CUTANEOUS NECK REGION (04/01/2017-04/01/2017) -BR>>BR>	- Probable	Temporal association between vaccination and signs. Signs consistent with hypersensitivity reaction. In very rare cases a transient acute hypersensitivity reaction may occur.
NOBIVAC L4	UK-VMD-0122/16	United Kingdom	Animal	Canine/dog	2.45 Month(s)	31/12/2015	12/01/2016	1 1	0 31/	2/2015 Not Kr	nown Fac	icial swelling (see also 'Skin')	Not Known	Allergic oedema of the face starting within 6 hours post vaccination. Treated with dexamethasone leading improvement within hours and to full recovery 1 day later.	Crossbred	2.5	Nobivac L4 Suspension for Injection A- for Dogs - 1,N/A,N/A, 24,given to 10 week old puppy. standard vial (31/12/2015-N/A) 	- Probable	Close time association, possible hypersensitivity reaction.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7.5 Year(s)	12/12/2017	09/01/2018	1 1		> Not Kr	n, <br nown</br 	arrhoea	Not Known	On the same day as vaccination, the dog had diarrhoes with no blood or vomiting. Dog remained brigh with a good appetite. An in contact dog remains unaffected. The dog has been given nobivac lepto L2 and DHP vaccine. In the past, this is the first year of receiving the L4 vaccine. The reaction lasted for 5 days, with no treatment recorded.	Jack Russell Terrier	12.6	,N/A,N/A (12/12/2017- N/A) >GR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,yearly annual vaccination booster (1 Year(s) 12/12/2017-N/AI >	- Possible	The diarrhoea may be linked to the vaccination and occurred on the same day. 2 concurrent vaccination products.
NOBIVAC L4	UK-VMD-0126/16	United Kingdom	Animal	Canine/dog	7 Year(s)	11/01/2016	12/01/2016	1 1	0 11/0	1/2016 Not Kr	nei	norexia,Lethargy (see also Central ervous system depression in leurological'),Pyrexia	Not Known	Lethargy, anorexia and pyrexia within 6 hours post vaccination. No treatment given, recovery 12 hours later.	Other Canine/dog	6.7	Nobivac L4 Suspension for Injection B- for Dogs - 1,N/A,N/A,N/A,1 vial by subcutaneous injection (11/01/2016- N/A) 	- Possible	Close time association, signs could be expected.

NOBIVAC L4	UK-VMD-0139/17	United	Animal	Canine/dog	3 Month(s)	10/01/2017	10/01/2017	1 1	0 10/01/2017	Not	Facial swelling (see also 'Skin')	Not	Facial swelling within 30 minutes of vaccination. Outcome unknown. Had a first vaccination without	Shih Tzu	3.4	Nobivac DHP - N/A,N/A,N/A	B - Possible	Timing/clinical signs suggest a hypersensitivity
	·	Kingdom					7.,.			Known, BR > CBR>CBR> Not Known		Known	any reaction			,N/A,dose vaccine, this was the second vaccine no reaction to first (10/01/2017-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,N/A (10/01/2017-N/A) >CRP>		reaction to the vaccine. Two vaccines administered
	UK-VMD-0147/18	United Kingdom	Animal	Canine/dog	2.84 Month(s)	08/01/2018	10/01/2018	1 1	0 08/01/2018	Not Known, Not Known, Not Known, Not Known	Swollen face (see also 'Skin'),Swollen feet	Not Known	Within 6 hours of vaccination the puppy suffered from swollen face and paws, reaction duration unknown, no treatment recorded	Jack Russell Terrier	2.15	Nobivac DHP - 1,N/A,N/A,N/A,One vial (08/01/2018- 08/01/2018)-BR>-BR>-BR>Nobivac KC - 1,N/A,N/A,N/A,N/A,N/A (08/01/2018- 08/01/2018)-BR>-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A (08/01/2018- 08/01/2018-BR>-BR>	B - Possible	Reaction consistent with vaccine hypersensitivity reaction, more than 1 product used concurrently.
	UK-VMD-0152/15	United Kingdom	Animal	Canine/dog		23/10/2014	14/01/2015	1 1	0 23/10/2014	Yes	Cough,Listless	No Data	Cough for 48 hours, listless for 4 days with signs commencing within 24 hours of vaccination. Same vaccination (different batch) administered 1 month prior with no known adverse events noted.	English Cocker Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dosage form (23/10/2014-N/A) 	B - Possible	Despite a close time association, coughing is not a known adverse event following this vaccination. Lethargy is a known occurrence following vaccination, however with the presence of a cough, this is suggestive of another possible underlying cause.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	12 Week(s)	30/12/2016	11/01/2017	1 1	0 30/12/2016	Not Known, SR >>BR>>BR>CBR> Not Known	'Neurological'),Pyrexia	Not Known	Lethargy, mild pyrexia and pain at Injection site soon after administration. No previous reactions. Treated with single dose of meloxicam. Recovery within 4 hours of onset. Nothing further.	Other Canine/dog		Nobivac DHP - 1,N/A,N/A, N/A,1st vac 2/12/16 (30/12/2016) 30/12/2016/BR~UBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,1st vac 2/12/16 (30/12/2016-30/12/2016)~BR>~BR>	B - Possible	Temporal and local association between vaccination and signs. A mild and transient increase in body temperature (= 1 °C) has been observed very commonly in clinical studies for a few days after vaccination, with some pups showing less activity. A small transient swelling at the site of injection (= 4 cm), which can occasionally be firm and painful on palpation, has been observed very commonly in clinical studies.
	UK-VMD-0155/17	United Kingdom	Animal	Canine/dog	10 Year(s)	02/12/2016	19/01/2017	1 1	0 02/12/2016	Not Known, KBR>KBR> Not Known, >KBR>KBR> Not Known, >KBR> KBR> Not Known, >KBR> Not Known, >KBR> Not Known, Not Known	Seiture NOS	Not Known	2 min setzures same day following administration. No previous reactions. Recovery without treatmen same day. Nothing further.	t Jack Russell Terrier		Advocate Spot-on Solution for Medium Dogs - N/A/N/A/N/A Medium Dogs - N/A/N/A/N/A Medium Dogs - N/A/N/A/N/A N/A/A/N/A N/A/A/N/A N/A/A/A/A	B - Possible	Temporal association between vaccination and signs. Kot. Nawe received reports of seizure following use of this product in other dogs. Multiple products administered.
NOBIVAC L4	UK-VMD-0164/17	United Kingdom	Animal	Canine/dog	5 Month(s)		20/01/2017	1 1	0 01/01/2017	Not Known, Not Known, >BR> Not Known, >BR Not Known, >BR Not Known, 	Lack of efficacy,Partial lack of efficacy	Not Known	Suspected Lack of Expected Efficacy, Monthly advocate applied with last dose 25/12/2016. Fleas observed on dog by vet on 11/12/1. Owner has also been using indoorse spray in lowce and cast in house have been treated monthly with stronghold. No previous lack of efficacy noticed. Nothing further.	Crossbred		Advocate Spot- on Solution for Medium Dogs - 1,1,1 at the Medium Dogs - 1,1,1 at the Medium Dogs - 1,1,1 at the Spot Spot Spot Spot Spot Spot Spot Spot	No assessment performed	
NOBIVAC L4	UK-VMD-0165/18	United Kingdom	Animal	Canine/dog	8.86 Year(s)	03/01/2018	10/01/2018	1 1	0 09/01/2018	Not Known, BR > BR>CBR Not Known	Anaemia NOS,Pale mucous membrane,Balance problem,Unable to stand,Weakness,Immune mediated haemolytic anaemia	Not Known	Progressive weakness, inability to stand and imbalance 6 days after vaccination. Pale mucous membranes, anaemia -marked - IMM4. Initial response to immunosuppressive dose of predhisolone, currently doing ok. Reaction duration approx 2 days	Crossbred		Nobivac DHP - 1,N/A,N/A,N/A,1 vial DHP mixed with 1 vial L4 (03/01/2018-N/A) Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,N/A,N/A (03/01/2018-N/A) 	B - Possible	Timing/clinical signs suggest product involvement. IMHA can be related to vaccination, particularly in adult dogs following various exposures. Two products administered
NOBIVAC L4	UK-VMD-0173/18	United Kingdom	Animal	Canine/dog	7.33 Year(s)	08/01/2018	10/01/2018	1 1	0 09/01/2018	Not Known, BR > BR>CBR Not Known, BR > KBR>CBR Not Known, BR Not Known		Not Known	Very lethargic reluctant to move, inappetence, dinking a lot the day after vaccination. Was concurrently taking prednisolone tablets. Reaction duration one day	Bull Terrier	26.6	Nobiva DHP - 1.N/A.N/A. Vial of each given together (08/01/2018-N/A\BR-3RR-Nobivac L4 Suspension for Injection for Dogs-1.N/A.N/A.N/A (08/01/2018-N/A\BR-3RR-BR-Prednisolone 5 mg Tablets - 2.5.1,1 Days,3,on prednisolone 5 mg tablets once all full of the dogs - 1.0 mg Tablets - 2.5.1,1 Days,3,on prednisolone 5 mg tablets dose is half a tablet once daily (08/01/2018-N/A) <br->BR-></br->	B - Possible	Timmg/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-0179/14	United Kingdom	Animal	Canine/dog	8 Year(s)	17/01/2014	08/01/2015	1 1	0 17/01/2014	Not Known	Allergic oedema,Facial swelling (se also 'Skin')	e Not Known	Allergic oedema of the head 1 hour post vaccination. Nothing further.	Boxer (German Boxer)	28	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 vial (17/01/2014-N/A) SR> 	B - Possible	
	UK-VMD-0180/18	United Kingdom	Animal	Canine/dog	9 Year(s)	05/07/2016	11/01/2018	1 1		Not Known	Proteinuria, Polyphagia, Polydipsia, F enal failure, Death	R Not Known	Trouble with kidneys, polydipsia, proteinuria and polyphagia over one year after vaccination with Nobbac L. Died after unknown period of time. *NEW* Case received from veterinary medicines drectorate Suspected adverse reaction. The dog developed rouble with kidneys, polydipsia, proteinur and polyphagia 14 months after being vaccination with Nobbac L4 on 5 July 2016. Died after unknow period of time. No more information expected	Staffordshire Bull Terrier ia n	22	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml Unknown 1 Animal (05/07/2016- N/A) 	O1 - Inconclusive	Temporal association is not strong (over one year) and signs are not expected. Product involvement cannot be excluded however some preexisting condition may also explain the signs.
NOBIVAC L4	UK-VMD-0192/16	United Kingdom	Animal	Canine/dog	3.98 Year(s)	15/01/2016	16/01/2016	1 1	0 15/01/2016	Not Known, SBR>BR> Not Known, >BR> Not Known, >BR> Not Known, SBR>BR> Not Known	Hyperactivity,Erpthema (for urticaria see Immune SOCJ,Pruritus,Hyperthermia,Pinnal erythema_Eyelid erythema	Not Known	Hyperactivity, prurinus, hyperthermia and generalised erythema including the pinnae and periocular sixin. Treatment with Dexadresson, resolved within 2 hours (1 hour post treatment). No further information.	Crossbred		Nobiac DIP - 1.N/A/N/A (J.Gave Intol of reconstituted DIP with L4 sub-cutaneously plus KC vaccination intra-nasally, ICSDI/2015- N/A-BBS-GBN-Nobiac KC NANA/RANA/NA/NA/NA/NA/CISDI/2015-N/A-BBS-GBN-Nobiac KC Napagesion for Injection for Dogs-1.N/A/NA/A (J.GAVA) (J.G	B - Possible	Signs are consistent with a probable vaccine hypersensitivity rection but 3 vaccines were given together. Possible product involvement.

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NOBIVAC L4	UK-VMD-0205/16	United Kingdom	Animal	Canine/dog	7.46 Year(s)	09/01/2016	18/01/2016	1	1 0 1	0/01/2016	Not Known	Immune mediated haemolytic anaemia	Not Known	Immune mediated haemolytic anaemia within 48 hours of Nobivac L4. Animal sent to referral centre for treatment. No further information.	English Springer Spaniel	20	Nobivac L4 Suspension for Injection for Dogs - 1,1,1 Years,N/A,1 vial yearly (09/01/2016-N/A) 	O1 - Inconclusive	Vaccines can act as a trigger for IMHA but other causes exist. Product may be a factor.
NOBIVAC L4	UK-VMD-0217/18	United Kingdom	Animal	Canine/dog	14.15 Year(s)	05/01/2018	17/01/2018	1	1 0 0	8/01/2018	Not Known	Injection site abscess,Injection site swelling,Injection site infection	Not Known	Three days after vaccination, a suspected vaccination injection site reaction had developed. There was a hard mass, aspirated purulent looking material from it and sent it for cytology, culture and sensitivity awaiting results. Nothing further.	s Jack Russell , Terrier	18	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,one vial (05/01/2018-N/A) 	A - Probable	There is a close time and site association with injection, and signs consistent with a vaccination reaction.
	UK-VMD-0222/17	United Kingdom	Animal	Canine/dog	12.83 Year(s)	05/01/2017	12/01/2017	1		6/01/2017	Not Known, SBR >SBR>SBR>BR> Not Known	Injection site lump,Injection site pain,Abdominal cramp,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargic inappetance, possible abdominal cramping, started approx 24 hours after vaccination and lasted approx 24 px. The owner came to hospital on \$/11/17. Owner noticed a pariful sump on the back of neck at injection site 5 days after vaccination. Doesn't appear to have had L4 before, has had DHP.	Bull Terrier		Nobivac DHP - N/A,N/A,N/A N/A,N/A (05/01/2017- N/A)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (05/01/2017- N/A) 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-0227/15	United Kingdom	Animal	Canine/dog	9.58 Year(s)	23/12/2014	20/01/2015	1	1 0 2	, , .	Not Known, Not Known, Not Known, Not Known	Application site inflammation, Application site swelling, Application site irritation, Nasal irritation	Not Known	Inflammation, swelling and irritation of the nares 30 minutes after administration of vaccination. Reaction lasted 6 hours, assume recovered.	Staffordshire Bull Terrier	19.6	Nobiva DHP - 1,N/A,N/A, 24,N/A (23/12/2014-N/A) KC - 1,N/A,N/A, 24,1 vial of vaccination dissolved in 1 vial of vaccination solvent (23/12/2014-N/A) RBBR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,N/A (23/12/2014-N/A) BRBRBRBRBRBRBRBRBRBR-	No assessment performed	
NOBIVAC L4	UK-VMD-0234/17	United Kingdom	Animal	Canine/dog	5 Month(s)	10/01/2017	13/01/2017	3	1 0 1		Not Known, >BR> Not Known, >BR> >BR> Not Not Known	Facial swelling (see also 'Skin'),Eyelid oedema	Not Known	Swollen eyelids and face within 24 hours of vaccination. No previous reactions: Outcome unknown. Nothing further.	Pug	3.45	Nobiva C DHP - N/A N/A/N/A N/A.N/A (10/01/2017- 10/01/2017)-BRP~BR>Nobivac KC - N/A.N/A.N/A.N/A.N/A (10/01/2017- 10/01/2017-BRP~BR>Nobivac LG Suspension for Injection for Dogs - 1.N/A.N/A, N/A,1 dose (10/01/2017- 10/01/2017)-BRP~BR>	B - Possible	Temporal association between vaccination and signs. Signs consistent with physersestibity reaction. Multiple vaccines administered.
NOBIVAC L4	UK-VMD-0254/17	United Kingdom	Animal	Canine/dog	6.5 Year(s)	02/11/2016	23/01/2017	1	1 0 0	5/11/2016	Not Known,
 Not Known</br 	Polydipsia,Pain NOS,Limb weakness,Vocalisation,Vomiting,Re tching	Not Known	Started diriking excessive amounts of water, then on the 3rd day after injection started retaining and ounting yellow frolly yound, still dirikingle excessely. We didn't ascousite it with anything at first, keeping an eye on her. The sickness stopped after 2-3 days, but then she started to have weakness in her back legs, her could rouge of down steps or jump on the soft, she had to be lifted up and down, yelping at the pain, even when laying still. We phoned the vet after we associated it with the vaccine on 17th November, 2016. The vet asked us to firing our dogs in but we would be frange, who efcliend. She had this vaccine along with usual boosters (unknown), however this was the first contact with L4. To this date 15th January, she is still diriking excessive amounts of water.	Staffordshire Bull Terrier	14	Nobivac L4 Suspension for Injection for Dogs - 1,N/N,N/A ,1,DFirst sub cutaneous dose, not being a vet 1 dont know how much was administered (02/11/2016)-68Ps-VBR-Nobivac Parvo-C Lyophilisate for Suspension for Injection for Dogs - 1,N/N/A ,24,1 Dose (02/11/2016)-8R-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VBR-VB	B - Possible	48 hours is a reasonable association in time, and signs such as womiting and rechting can occur as the association and activing can occur and a consideration. According to the SPC, in very are cases, immune-mediated goodparthifs have been regented, which may be the cause of limb weakness However polyflegials in or depended, another witnown vaccine was given concurrently. The onset time is suggestive of product involvement but other causes remain plausible.
NOBIVAC L4	UK-VMD-0256/18	United Kingdom	Animal	Canine/dog	9.75 Year(s)	12/01/2018	15/01/2018	1	1 0 1		Not Known, BR > BR>BR> Not Known	Discomfort NOS,Rubbing.ttching,Facial swelling (see also 'Skin')	Not Known	Facial swelling, itch, rubbing self on carpet, unsettled less than 6 hours after vaccination. Reaction duration 12 hours.	Jack Russell Terrier	9.05	Nobivac DHPPi, Lyophillisate for Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Vaccination sc (12/01/2018-N/A) -SRP-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (12/01/2018- N/A) -SR>	B - Possible	Timing/clinical signs suggest a possible hypersensitivity/anaphylactic reaction to the vaccine. Two administered concurrently
NOBIVAC L4	UK-VMID-0258/17	United Kingdom	Animal	Canine/dog	9 Week(s)	08/01/2017	10/02/2017	1	1 1 0	8/01/2017	Not Known, BR > CBR>CBR>CBR> Not Known	Sleep disturbance NOM, Slairnbea Nomiting, Blindness, Pneumonia, Death, Lethargy (see also Central nervous system depression in Neurological'), Loss of condition	Not Known	The puppy that was vaccinated on 8/01/16 (first course vaccination) with 1.4 and DPIP in (NetsAPets). Within hours of the vaccine being administered the dog started with severe vomit and diarnibea. Two days later I went back to the Vet and the dog was given a nauses injection. At 2 in the morning of the 13th of 1 and 1 had for find an emergency were (Reens Corti Veteran's yutgery) who administering an antibiotic and pain killer to my dog. I had the dog back at my Vet on the 13th (NetsAPets). The vet said my dog was in very bad shape. They wanted to keep her overgith, do x-rays and give artibiotics. Could not afford the treatment so I got some antibiotics (sorial) which I administer myself. I have also noticed (14 an) that my dog appears to be be lind non eye. I have attached policy for your reference (see email in effling). Puppy started eating well on 15th 3n (a week after the vaccination). She is still on admissionally. Her health secents to be improving but the still approximately 20 to 27 hours of day idenging. She is not playful at all. Follow-up received via email: puppy died on the 19th of January. According to the conclusions of the position them exacts of the still approximation protein protein the protein of the protein o		1.62	Nobbac DHP - NI/AN/AN/A, N/A.1 m (08/D1/2017- N/A)-BR~4BR-Nobbac L4 Suspension for injection for Dogs - N/AN/AN/A, N/A/1 mi (08/D1/2017-N/A)-BR~5BR-	B - Possible	Temporal association is very close and womit, diarrhoes and lethery are expected signs, lidinders is not expected, however it can be part of an unusual immunological reaction to the vaccine "the product administered. According to the post-mortem results the cause of death was aspiration pneumonial likely do to the vomiting.
NOBIVAC L4	UK-VMD-0260/15	United Kingdom	Animal	Canine/dog	2.33 Year(s)	14/11/2014	21/01/2015	1	1 0 1		Not Known, BR >BR>BR>CBR> Not Known, BR >BR>CBR>CBR> NOT Known, BR NOT NOT KNOWN	Injection site abscess,Injection site swelling	Not Known	Injection site swelling noted 1 month post 1st dose administration of Nobivac L4 and concurrent Nobivac DHP. 2nd dose Nobivac L4 administered on the same day at a different location. Injection site swelling noted 2 was later the the site of the 2nd dose administration. Both swelling confirmed as injection site abscesses. Antibiotic treatment started but still ongoing 2 weeks later.	Staffordshire Bull Terrier	20	Nobivac DHP - 1,N/A,N/A, 24,N/A (14/11/2014-N/A)-BR-Nobivac K - 1,N/A,N/A, 24,N/A (14/11/2014-N/A)-BR-Nobivac L4 Suspension for injection for Togs-1,N/A,N/A, 24,2 injection site abscesses following L4 vaccination batches a019401 on 14/11/14 a0214011/2/12/14 (14/11/2014-12/12/2014)-BR>-BR>	B - Possible	Close anatomical association and occurred following both doses.
NOBIVAC L4	UK-VMD-0261/16	United Kingdom	Animal	Canine/dog	13 Year(s)	19/01/2016	21/01/2016	1	1 0 1	9/01/2016	Not Known	Emesis,Lethargy (see also Central nervous system depression in 'Neurological'),Nausea	Not Known	Lethargy within 12 hours of L4 progressing to nausea, emesis the following day. Nausea continued at reexamination 3 days later. No further information.	Weimaraner	31.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (19/01/2016-N/A) 	B - Possible	Signs may be consistent with hypersensitivity but are non specific. Onset may be consistent. Overall: product involvement is possible.
NOBIVAC L4	UK-VMD-0266/15	United Kingdom	Animal	Canine/dog	5.22 Year(s)	21/01/2015	22/01/2015	1	1 0 2	2/01/2015	Yes, <b R>BR>Yes</b 	Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	No Data	lethargy, pyroxia within 6 hours of administration. Nothing further. Nobivac KC assumed to have been given on the same date as Nobivac L4.	English Cocker Spaniel	14.8	Nobivac KC - N/A,N/A,N/A,N/A,N/A (N/A-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dose (21/01/2015- N/A) 	B - Possible	Timing and clinical signs consistent with possible product related reaction. Clinical signs seen are known to occur post vaccination.
NOBIVAC L4	UK-VMD-0279/18	United Kingdom	Animal	Canine/dog	3.17 Year(s)	10/01/2018	16/01/2018	1	1 0 1	1/01/2018	Not Known	Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	Not Known	On 10 Jan 2018 the dog was vaccinated with Nobivac L4. On 11 Jan 2018 the dog was lethargic and inappetant. Also pyrexic (39.8 degrees Celsius). Treatment of Pardale has been given. At the time of reporting 6 days later the reaction was still ongoing. Nothing further.	Crossbred	6.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,One vial (10/01/2018-10/01/2018) 	B - Possible	Close temporal association and clinical signs fit with SPC although duration is unexpected. Product involvement is possible.
NOBIVAC L4	UK-VMD-0284/17	United Kingdom	Animal	Canine/dog	7.43 Year(s)	20/12/2016	17/01/2017	1	1 0 2	1/12/2016	Not Known	Constipation, Diarrhoea Appetite loss, Elevated temperature, Sickness	Not Known	toss of appetite, sickness, constigation then went to very loose diarrhoea and temperature and burning up from 24 hours after vaccination. No previous exposure. Recovery after 3 days with no treatment. Nothing further.	Boxer (German Boxer)	42	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (20/12/2016-N/A) 	A - Probable	Temporal association between vaccination and signs. A mild and transient increase in body temperature [= 1 "C) has been bothered very commonly in clinical studies for a few days after vaccination, with some pups showing less activity and/or a reduced appetite. Reports of diarrhoes following vaccination have also been received by the NCA in previous cases.

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NOBIVAC L4	UK-VMD-0287/17	United Kingdom	Animal	Canine/dog	4 Year(s)	16/01/2017	17/01/2017	1 1	0 16/01/201	7 Not Known,
 Not Known</br 	Lethargy (see also Central nervous system depression in "Neurological"),Discomfort NOS	Not Known	Lethargy and discomfort within 6 hours following vaccination. No previous exposure. Recovery within 24 hours without treatment. Nothing further.	English Cocker Spaniel	12.7	Nobivac DHP - 1,N/A,N/A,24,N/A (16/01/2017- 16/01/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dose (16/01/2017- 16/01/2017)-BR>-SBP>	B - Possible	Temporal association between vaccination and signs. Signs are non-specific; such signs can occur following vaccination. Multiple vaccines administered.
	UK-VMD-0292/17	United Kingdom	Animal	Canine/dog		10/01/2017	18/01/2017	1 1	0 10/01/201	Known, <br×br ><br×br> Not Known</br×br></br×br 	Vomiting.Lethargy (see also Centra nervous system depression in 'Neurological'),Shaking	l Not Known	Vomiting, lethargy and shaking within 1 hour of vaccination. No previous reactions. Recovery without treatment 1-2 hours later. Nothing further.	Retriever	30	Nobivac DHP - 1,N/A,N/A, N/A,N/A (10/01/2017- 10/01/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (10/01/2017- 10/01/2017)-BR>-BR>		Time association between vaccination and signs. Multiple vaccines given. Non-specific signs; such signs can occur following vaccination.
	UK-VMD-0295/17	United Kingdom	Animal			20/12/2016	25/01/2017	1 1		6 Not Known	Anorexia, Hyperthermia	Not Known	Hyperthermia and anorexis 4 days after vaccination on 20 Dec 2017 with Nobivac L4. No previous reactions. Recovery with unknown treatment after 1 week. Nothing further.	German Short- haired Pointing Dog	29.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ML GAVE AS SUBCUTANEOUS INJECTION (20/12/2016-20/12/2016) 	A - Probable	Time association between vaccination and signs. A mild and transient increase in body temperature (= 1 "C) has been observed very commonly in clinical studies for a few days after vaccination, with some pups showing a reduced appetite.
	UK-VMD-0299/17	United Kingdom	Animal	Canine/dog	9.2 Year(s)	05/01/2017	25/01/2017	1 1	0 06/01/201	Known,
 Not Known</br 	Behavioural disorder NOS,Smell perversion,Star-gazing	Not Known	Hallucinating, staring fearfully at the ceiling, obsessively smelling the floor and walls, started the day after vaccination and solved within 28 hours approx	Staffordshire Bull Terrier		Nobivac DHP - 1,N/A,N/A,10,1 ml (05/01/2017-N/A) >BR> Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,N/A (05/01/2017- 05/01/2017) >BR>	B - Possible	Temporal association is strong. Product may be a factor and cannot be completely excluded, however the signs are not expected, two products administered
NOBIVAC L4		United Kingdom	Animal	Canine/dog	2.06 Month(s)	04/01/2018	18/01/2018	1 1	1 12/01/201	8 Not Known,
BR> Not Known</br 	Haemorrhage NOS, Diarrhoea Vomiting, Seizure NOS, Dyspneea, Respiratory Gutress, Haemorbrax, Death by euthanasia, Mental impairment NO	Not Known	Presented on 12th January after some womiting and diarrhoes the night before (8 days following vaccination). On arrival to practice, patient appeared to be demonstrating seture like activity. Responsive initially to medication however rapid deterioration in mentation over next few hours. Respiratory distress developed and bloody fluid drained from chest. Concern for internal hemorrhage first abnoraci and intracranial p. Euthansia decided. Post mortem being carried out. Puppy was 8 weeks and 2 days at time of vaccine administration. Age at time of clinical align is deading to death wast weeks and 3 days. "NEW" Case received form Veternary medicines Directorate Suspected adverse reaction, vaccinated of alia 2018 with Noblace Dief and Ls. Then Presented to 11th annuary after some womiting and daminess the night before (8 days following succination). On arrival to practice, rapid deterioration in mentation over race few hours. Respiratory distress developed and bloody fluid drained from chest. Concern for internal hemorrhage (intrathoracic and intracranial). Euthansid drained from chest. Concern for internal hemorrhage (intrathoracic and intracranial). Euthansid decided. Post mortem being carried out. Puppy was 8 weeks and 2 days at time of clinical signs leading to death was 9 weeks and 3 days. Open case , awa more information.	Beagle	2.89	Nobiwa CHP - 1.N/A.N/A, 0,1 millitre (DH) (20/0/2018- N/A)-BB-CRR-Nobiwa L B Supersion for Injection for Dogs- 1.N/A,N/A, 10,1 ml Unknown 1 Animal (04/01/2018-N/A/-BRBR)-	O - Unclassifiable/unassessa ble	Vomiting, diurnhoes and seizures can be seen with this vaccination. The rest of the signs are not expected, however and 8 days is a strong temporal relations and product involvement cannot be excluded. Await info to confirm cause of death. Two vaccines administered.
	UK-VMD-0309/15	United Kingdom	Animal	Canine/dog		06/01/2007	23/01/2015	1 1	0 07/01/201	Known,
 >KR> Not Known</br 	respiratory see also Bronchial rale),Reverse sneezing	r	Nasal discharge, stertor (respiratory tract disorder), cough, sneezing, reverse sneezing and pyrexia within 24 hours of vaccination administration. Required treatment with antibiotics and NSAIDs and recovered within 2 weeks. Nothing further.	Chihuahua	2.5	Nobivac KC - 1,N/A,N/A, 24,standard single dose (0.3ml reconstituted) (06/01/2015-N/A)<8R>-SRS-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, N/A,N/A (06/01/2007-N/A)<8R><8R>	performed	
	UK-VMD-0327/17	United Kingdom	Animal	Canine/dog	2 Month(s)	17/01/2017	28/03/2017	1 1	0 17/01/201	Known, <br ×BR> Not Known, <br ×BR> </br </br 	Diarrhoea, Vonitting, Inappetence, Li tharpy (see also Central nervous system depression in " Neurological"), Jezepiness - systemic disorder, Dehydration, Dry mucous membrane, Terse abdomen, Listless	e Not Known	Case received from Veterinary medicines Directorate Less than 12 hours after vaccine given puppy ommitted 4-5 time over 12 hour period and listes/gehrangi-gleeper, Dog was related again 24 hours later when it now had passed soft yellow faces (soded as diarnhosa) and had remained lethangic but was eating and dirinking voluntarily. No further vonniting was reported. The pupp received after 3 days Case reported to MMH on 20 Jan 2017 Suppercited adverse reaction. Vaccinated on 17 Jan 2017 with Nobinsco IPIs and 14. Also microchapped. That night started to vornit, lethangic and not eating. Examined on 18 Jan and had at temperature of 8.8 j. nigected with Raindine and owner declined having intravenous fluids and bloods. The gope Soft in absolutarious volds. Seen on 19 Jan and storie distributed and the started of the	Crossbred		identification Chip - NIA.NIA,NIA, NIA.NIA (170)/2017- 17/01/2017-ERR-RB-Noblovac DHP J.NIA,NIA,NIA,Single dose vials of each vacc (17/01/2017- NIA-RB-CBR-Noblovac L4 Suspension for injection for Dogs- J.NIA,NIA,24,1 dose (17/01/2017- 17/01/2017)-ERR-KBR>	B - Possible	Timing/clinical sign suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-0330/16	United Kingdom	Animal	Canine/dog	8 Year(s)	12/10/2015	26/01/2016	1 1	0 12/10/201	5 No, BR>B R>BR>BR>Not Known		e Other	Injection site pruritus and alopecia starting within 24 hours of Nobhac L4. Concurrent treatment with Osurnia for ear infection. Recovered after an unknown time. No further information.	Labrador Retriever	37.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (12/10/2015-N/A) Osurnia Ear Gel for Dogs - N/A,N/A,N/A ,N/A,N/A (N/A-N/A) 	A - Probable	Clinical signs are consistent with probable product involvement. Temporal relationship is strong.
NOBIVAC L4	UK-VMD-0334/16	United Kingdom	Animal	Canine/dog	8.33 Year(s)	09/12/2015	26/01/2016	1 1	0 09/12/201	5 Not Known	Malaise,Musculoskeletal pain,Head down	Not Known	Malaise, musculoskeletal pain and low head carriage starting within 24 hours of vaccination and lastin for 5 days. No further information.	g Border Terrier	13.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dosage form (09/12/2015-N/A) 	B - Possible	Signs are not expected but may be due to injection site pain. Onset is consistent.
NOBIVAC L4		United Kingdom	Animal	,,,,,	1.38 Year(s)	12/01/2018	18/01/2018	1 1		8 Not Known	Diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	On 12 Jan 2018 the dog was vaccinated with Nobivac L4. On the same day within 6 hours the dog developed ventiling and lethargy, then developed diarnhoea. No information on treatment or outcome.	Bulldog	28.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,no concurrent medications used (12/01/2018-12/01/2018) 	A - Probable	Close temporal association and suspected hypersensitivity reaction. Product involvement is probable.
NOBIVAC L4	UK-VMD-0341/17	United Kingdom	Animal	Canine/dog	1.33 Year(s)	20/01/2017	21/01/2017	5 1	0 20/01/201	7 Not Known	Periorbital oedema, Swollen face (see also 'Skin')	Not Known	Swollen muzzle and around eyes within 1 hour of vaccination. No previous exposure. Outcome unknown. Nothing further.	English Cocker Spaniel	14	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (20/01/2017-20/01/2017) 	A - Probable	Timing/signs consistent with vaccine hypersensitivity reaction.
	UK-VMD-0355/15	United Kingdom	Animal	Canine/dog	8 Year(s)	16/12/2014	28/01/2015	1 1	0 18/12/201	Known,
 Not Known</br 	Injection site lump	Not Known	Injection site lump noted 2 days post vaccination, still ongoing 4 weeks later. No treatment given.	Hungarian Short-haired Pointing Dog (Vizsla)		Nobivac KC - 1,N/A,N/A,24,N/A (16/12/2014-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 off dose (16/12/2014-N/A) >BR>	B - Possible	Close time and anatomical association.
	UK-VMD-0367/16	United Kingdom	Animal	Canine/dog	Year(s)	21/12/2015	27/01/2016	1 1	0 11/01/201	Known, GRX-BR	Nausea, Vomiting, Hepatopathy, Lar ngitis, Anorexia	y Not Known	Nausea noted within 6 hours post vaccination followed by emesis and annexias for the next 2 weeks. Laryngits was diaprosed during this 2 week period and was rested with a steroid injection. Blood tests showed hepatopathy. The dog had been previously vaccinated with Noblvac DHPPI and Noblvac LI.4.	Crossbred		Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (21/12/2015- N/A)-RRBR-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A (21/12/2015- N/A)-BRBR-Versican Plus L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1ml - one dose given once (11/01/2016-N/A)-BR>-BR>	No assessment performed	
NOBIVAC L4	UK-VMD-0371/18	United Kingdom	Animal	Canine/dog	Not Known	19/01/2018	20/01/2018	1 1	0 20/01/201	8 Not Known,
 >KBR Not Known</br 	Moist dermatitis	Not Known	owner found acute moist demastilis at base of tail the day after vaccination (final vaccine of primary course, has ha dhp and L4 previously)	Crossbred	4.1	Nobivac KC - 1,N/A,N/A,N/A,N/A,N/A (19/01/2018-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 dose (19/01/2018- N/A) 	O1 - Inconclusive	signs are not likely to be related to vaccine but does show time association and product involvement cannot be completely excluded, it may have had immune modifying effects that allowed the dermatitis to occur

NOBIVAC L4	UK-VMD-0372/18	United	Animal	Canine/dog	2 Month(s)	18/01/2018	20/01/2018	1 1	n 19/n:	/2018 Not	Diarrhoea, Emesis (multiple), Partial	Not	within 24 hours of the vaccine there was a reduced appetite, mild diarrhoea, and 2x vomiting. Reaction	n Golden	6.3	Nobivac DHP - N/A,N/A,N/A	B - Possible	signs compatible with a hypersensitivity reaction, but
NOBIVAC 14	UK-VNID-U372/18	Kingdom	Aumiai	Carime/dog	2 Months)	18/01/2018	20/01/2018		0 19/0.	Known, > <not known<="" td=""><td>BR anorexia</td><td>Known</td><td>within 24 hours of the Section dieter was a reduced appearer, fined distributes, and 24 forming, neachood duration unknown. No treatment recorded</td><td>Retriever</td><td>0.3</td><td>N/A,N/A (18/01/2018- N/A)<8R>>8R>Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A, N/A,1 vial (18/01/2018-</td><td>B - FUSSIDIE</td><td>may have other causes. 2 vaccines given concurrently.</td></not>	BR anorexia	Known	within 24 hours of the Section dieter was a reduced appearer, fined distributes, and 24 forming, neachood duration unknown. No treatment recorded	Retriever	0.3	N/A,N/A (18/01/2018- N/A)<8R>>8R>Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A, N/A,1 vial (18/01/2018-	B - FUSSIDIE	may have other causes. 2 vaccines given concurrently.
												1				N/A) 		
NOBIVAC L4	UK-VMD-0376/17	United Kingdom	Animal	Canine/dog	3.45 Month(s)	12/01/2017	24/01/2017	1 1	0 12/0:	/2017 Not Known, > Not Known		Not Known	Vomited when got home (appont 6 hours onset), had swollen eyes and lips, given cetifuline and dexadresson, then developed large abscess over initial injection site. Outcome unknown	Labrador Retriever	8.6	Nobivac DHP - N/A,N/A,N/A N/A,N/A (12/01/2017- N/A/&R><8R>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A (12/01/2017- N/A)<8R><8R>	B - Possible	Timing/clinical signs suggest a hypersensitivity reaction to the vaccine. Two products administered
	UK-VMD-0376/18	United Kingdom	Animal	. ,,,,	13 Week(s)	12/01/2018	22/01/2018	1 1		/2018 Not Known, > BR> Not Known	R>	Not Known	On 15 Dec 2017 the dog was vaccinated with Nobbus CHP and L4 - no reaction occurred. On 12 Jan 2018 the dog was occinated with Nobbus CHP and L4. Within Simulated of vaccination the dog vomited. No information on treatment. The reaction lasted 5-10 seconds.	Crossbred		Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (12/01/2018- 12/01/2018)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (12/01/2018- 12/01/2018)-BR> 	B - Possible	Close temporal association -suspected hypersensitivity reaction. Two products used.
NOBIVAC L4	UK-VMD-0379/17	United Kingdom	Animal	Canine/dog	7.08 Year(s)	10/01/2017	24/01/2017	1 1	0 11/0:	/2017 No	Diarrhoea, Haemorrhagic diarrhoea, Vomiting, Inapetence, Le thargy (see also Central nervous system depression in 'Neurological'), Haemoconcentration, Hypokalaemia	Other	Case received from Veterinary Medicines Directorate. Vomiting and haemorrhagic, watery diamfone 24 hours after vacination. Bloods were unmernatable, List showing haemoconcentration and mild hypotalsemia. No previous exposure. Recovery after 3 days with fluid therapy and antibiotic treatment. Nothing further. Case received to MAH on 24 and 2027 On 10 Jan 2017, 30 opaccriated wit Nobbac L4 finot given at room temperature - extra label usel, fit and well and no other products given at the same time. On 11 Jan 2017, op developed womiting, diamnoea, inappetant and unwell. On 12 Jan 2017, presented to the veterinary practice and on examination was lethangic, passing haemorrhag darrhoce, womiting and was admitted. The day was placed on intravenous fluid therapy and Metronidazole, Cereila and was parvo test egative. On 13 Jan 2017, the dog stogged sensing diarrhoc and stopped vomiting. On 14 Jan 2017, all clinical signs resolved and the dog was discharged from the veterinary practice. No further information expected.	Jack Russell Terrier h ic	3.5	Nobivac L4 Suspension for Injection for Dgs - 1,1/N/A/, 1,01,1 vial (10/01/2017-10/01/2017)-BR> 	B - Possible	Timing suggests product involvement, however signs are inconclusive. Product involvement possible.
NOBIVAC L4	UK-VMD-0398/15	United Kingdom	Animal	Canine/dog	3 Year(s)	27/01/2015	01/02/2015	1 1	0 27/0:	/2015 Not Known, - > SRNo		Not Known	8 episodes of emesis 12 hours post vaccination. Recovery 1 day later with no treatment.	Jack Russell Terrier	5.3	Nobivac DHP - 1,N/A,N/A 24,Routine vaccination by subcut injection, DHP and L4 vaccine combined together (27/01/2015- N/A/SBP<-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,N/A (27/01/2015- N/A/SBP<-BR	B - Possible	Close time association, other causes possible.
	UK-VMD-0401/17	United Kingdom	Animal	Canine/dog	7 Year(s)	17/01/2017	25/01/2017	1 1		/2017 Not Known, - > BR><6 Not Known	R>	Not Known	Lurge abaces and inflammation at site of lejection 4 days after vaccination. No previous exposure. Treatment and outcome unknown. Nothing further.	English Springer Spaniel	25	Meloxidy 1.5 mg/mi Oral Suspension for Dogs - N/A,N/A,N/A N/A,N/A (N/A N/A)×BR>-BR>Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,1 injection (17/01/2017-17/01/2017)>BR>-BR>	A - Probable	Timing, location and signs suggest probable product involvement.
	UK-VMD-0415/17	United Kingdom	Animal	Canine/dog	2.5 Month(s)) 06/01/2017	01/02/2017	1 1	0 06/0:	/2017 Not Known, > BR><6 Not Known		Not Known	Vomiting and lethargic, marked nedema of muzzle and pinnae and skin of forelegs enythematous and sensitive to touch. I hour after vaccination. Previous vaccination with Zoets Versican on 16/1218.r-c reaction. Recovery after treatment with intravenous fluid therapy and 10 mg chlorphenamine within 5 hours. Nothing further.	Siberian Husky	8	Nobivac DHP - 1,N/A,N/A,N/A,1 Dose (06/01/2017- N/A) -BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (06/01/2017- 06/01/2017) >BR>	B - Possible	Timing and signs suggestive of hypersensitivity reaction to vaccination. Multiple vaccines given.
NOBIVAC L4	UK-VMD-0427/16	United Kingdom	Animal	Canine/dog	1.25 Year(s)	13/01/2016	01/02/2016	1 1	0 13/0:	/2016 Not Known, > <i Not Known</i 		Not Known	Injection site oedema and lump starting 1 day post vaccination. Injection site pain 2 days post vaccination. Signs persisted for at least 7 days but outcome is unknown. No further information.	Miniature Schnauzer	10.15	Nobivac DHP - 1,N/A,N/A,10,N/A (13/01/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,N/A (13/01/2016- N/A) 	B - Possible	Clinical signs are consistent with probable vaccine involvement but two vaccines were given concurrently.
NOBIVAC L4	UK-VMD-0436/16	United Kingdom	Animal	Canine/dog	1.2 Year(s)	28/01/2016	01/02/2016	1 1	0 28/0:	/2016 Yes, <br R> Yes</br 	es, 'Skin'),Facial swelling (see also	No Data	Face and neck swelling, especially periorbital codema and muzzle (coded as facial swelling) within 2-3 hours of vaccinition. Recovery within 2 hours following treatment with steroids and antihistamines. No further information.	Other Canine/dog	2.7	Nobivac DHP - 1,N/A,N/A,N/A,N/A (28/01/2016-N/A):GBR->GR>-Nobivac KC - 1,N/A,N/A,N/A,N/A (28/01/2016-N/A):GBR>-SR>-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (28/01/2016- N/A):GBR>-SR>	B - Possible	Suggestive of type I hypersensitivity reaction; close temporal association. Multiple products administered therefore causality is possible.,
	UK-VMD-0438/16	United Kingdom	Animal	Canine/dog		26/01/2016	01/02/2016	1 1		/2016 Yes	Periorbital oedema,Eyelid oedema,Facial oedema,Lip oedem (see also 'Skin')	No Data	Periorbital oedema, blepharitis, facial oedema, Ijo oedema within 5 days of vaccination. Recovery within 4 hours, after unknown treatment. No previous reaction. Nothing further.	German Shepherd Dog		for Dogs - 1,N/A,N/A ,24,N/A (26/01/2016-N/A) 	N - Unlikely	Although these are clinical signs of a type I hypersensitivity reaction, five days to onset is too long a period of time. There are other possible causes of these clinical signs, therefore considered unlikely.
NOBIVAC L4	UK-VMD-0444/15	United Kingdom	Animal	Canine/dog	4 Year(s)	30/12/2014	04/02/2015	1 1		/2014 Not Known	Diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy, diarrhoea, emesis within 24 hours of vaccination. No treatment given, recovered within 48 hours,	Labrador Retriever		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,N/A (30/12/2014-N/A) 	B - Possible	Timing consistent with product related reaction however there are other possible causes of these clinical signs.
	UK-VMD-0458/18	United Kingdom	Animal	Canine/dog	1.3 Year(s)	15/01/2018	29/01/2018	1 1		/2018 Not Known, > SR> Not Known	R>	Not Known	ON 15 Jan 2018 the dog was socinated with Nobbusc DHP and 14. Within 30 minutes of vaccination the owner called to synthat while on a walk fater vaccination, the dog's face had swollen up and he had had vomiting and diarrhoes. He came straight to vet and his face was extremely swollen and puff Administered desamethasone. Nothing further. No more information expected	Beagle y.	14.5	Nobivac DHP - 1,N/A,N/A,One vial of L4 mixed with one (L15/01/2018)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (L15/01/2018)-BR> 		Suspected hypersensitivity reaction. Two products used.
NOBIVAC L4	UK-VMO-0463/16	United Kingdom	Animal	Canine/dog	2 Year(s)	04/01/2016	02/02/2016	1 1	0 18/0:	/2016 Not Known, - > - SBR>- Not Known, - > - Not Known, - > - Not Known, - Not Known, <td>R> BR R> BR</td> <td>Not Known</td> <td>Injection site swelling noted 2 weeks post vaccination. No treatment given, outcome unknown.</td> <td>Crossbred</td> <td>15</td> <td>Endectrid 100 mg + 25 mg Spot-on- Solution for Medium Dogs - N/AN/AN/A N/AN/A N/AN/A N/A- NA/ABS-ABS-NObbude ORP - 1.N/AN/A N/A,1 vial for vaccination (1 Day(s) 04/01/2016- N/A/BB-ABS-Nobbude 14 Suppression for Injection for Dogs - 1.N/AN/A N/A,1 vial for vaccination (1 Day(s) 04/01/2016- N/AN/ABS-ABS-NObbude 14 vaccination (1 Day(s) 04/01/2016- N/AN/ABS-ABS-NOBB</td> <td>B - Possible</td> <td>Close anatomical association but 2 products administered.</td>	R> BR R> BR	Not Known	Injection site swelling noted 2 weeks post vaccination. No treatment given, outcome unknown.	Crossbred	15	Endectrid 100 mg + 25 mg Spot-on- Solution for Medium Dogs - N/AN/AN/A N/AN/A N/AN/A N/A- NA/ABS-ABS-NObbude ORP - 1.N/AN/A N/A,1 vial for vaccination (1 Day(s) 04/01/2016- N/A/BB-ABS-Nobbude 14 Suppression for Injection for Dogs - 1.N/AN/A N/A,1 vial for vaccination (1 Day(s) 04/01/2016- N/AN/ABS-ABS-NObbude 14 vaccination (1 Day(s) 04/01/2016- N/AN/ABS-ABS-NOBB	B - Possible	Close anatomical association but 2 products administered.

NOBIVAC L4	UK-VMD-0465/15	United Kingdom	Animal	Canine/dog	2.35 Month(s)	04/02/2015	06/02/2015	1 1	0 04/02	Not Known, SR> > SR> SR> Not Known, SR> > Known, SR> > SR> SR> Not Known, SR> > SR> SR>	3R> and 'Systemic disorders'),Lethargy (see also Central nervous system :BR depression in	Not Known	Lethargy and diarrhoes within 6 hours post vaccination. Collapse, convulsions and hypoglycaemia the next day. Unspecified treatment given, outcome unknown.	Chihuahua	0.6	Nobivac DHP - 1,N/A,N/A, 24,1 Dosage form (04/02/2015- N/A)+BR-+BR-Nobivac KC - 1,N/A,N/A, 24,1 dosage form (04/02/2015-N/A)+BR-+BR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dosage form (04/02/2015-N/A)+BR-+BR-	B - Possible	Close time association and initial signs of lethargy and diarrhose could be association with vaccination. The following signs could be due to the puppy being very small.
NOBIVAC L4	UK-VMD-0477/16	United Kingdom	Animal	Canine/dog	11 Week(s)	18/01/2016	03/02/2016	1 1	0 01/02	2016 Not Known, > <rnown< td=""><td></td><td>Not Known</td><td>Pyrexia and lethargy starting within 2 hours post vaccination. Unknown if any treatment given, outcome unknown.</td><td>Crossbred</td><td>3.35</td><td>Nobivac DHP - 1,N/A,N/A,24,N/A (18/01/2016- 01/02/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (18/01/2016- 01/02/2016) </td><td>B - Possible</td><td>Close time association, known signs, 2 products administered.</td></rnown<>		Not Known	Pyrexia and lethargy starting within 2 hours post vaccination. Unknown if any treatment given, outcome unknown.	Crossbred	3.35	Nobivac DHP - 1,N/A,N/A,24,N/A (18/01/2016- 01/02/2016) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (18/01/2016- 01/02/2016) 	B - Possible	Close time association, known signs, 2 products administered.
	UK-VMID-0481/17	United Kingdom	Animal	Canine/dog	11.01 Year(s)	28/01/2017	28/01/2017	1 1	0 28/01,	XO17 Not Known, >BR> Yes, <br R> </br 	BR> > <b< td=""><td>No Data</td><td>Generalised urticaria with facial swelling within 6 hours of vaccination. Recovery within 20 minutes following unspecified treatment. No previous exposure, no further information available.</td><td>Boston Terrier</td><td>7.1</td><td>Advocate Spot-on Solution for Medium Dogs - N/A,N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A-N/A N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-</td><td>B - Possible</td><td>Clinical signs and timing suggest hypers-entitly reaction to vaccine. Two products used.</td></b<>	No Data	Generalised urticaria with facial swelling within 6 hours of vaccination. Recovery within 20 minutes following unspecified treatment. No previous exposure, no further information available.	Boston Terrier	7.1	Advocate Spot-on Solution for Medium Dogs - N/A,N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A,N/A N/A-N/A N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-	B - Possible	Clinical signs and timing suggest hypers-entitly reaction to vaccine. Two products used.
	UK-VMD-0482/15	United Kingdom	Animal	. ,	4.17 Year(s)		06/02/2015	1 1	0 05/02,		Vomiting,Lethargy (see also Centra nervous system depression in 'Neurological')	Not Known	Emesis and lethargy within 6 hours post vaccination. Recovery 18 hours later with no treatment.	Border Collie		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,Vaccination with Nobivac L4 only. Single dose. (05/02/2015-N/A) 	B - Possible	Close time association but signs are non-specific and other causes are possible.
	UK-VMD-0483/15	United Kingdom	Animal	Canine/dog	2.83 Year(s)	02/02/2015	06/02/2015	1 1		2015 Not Known	Self trauma,Polydipsia,Greasy skin,Itching,Depression,Erythemate us rash	Not Known	Polydgisa and purutus within 12 hours post vaccination. Seborthoea and lethargy also noted. Exprhem of the ventrum with some widence of self trauma noted on examination 3 days later. Unspecified treatment given leading to recovery the next day.	Welsh Terrier	12.3	for Dogs - 1,N/A,N/A,24,Annual booster, first time been given the new L4 injection, given approx 1ml subcutaneously. (02/02/2015- N/A/SR>-SBR>	O1 - Inconclusive	Some of the signs noted could be expected with a hypersensitivity reaction, but the time to onset is longer than you would expect for this type of reaction. Other causes are possible.
	UK-VMD-0504/16	United Kingdom	Animal	Canine/dog	4 Year(s)	21/12/2015	04/02/2016	1 1	0 22/12,	2015 Yes, BR R>BR>BR		No Data	Malaise, anorexia, letharge, hyperthermia, mouth blisters within 24-48 hours of vaccination. No previous reaction bDHPPIL. Recovery within 3 days, unknown whether treatment was administered. No further information.	Pug	8	(21/12/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (21/12/2015- N/A) 	B - Possible	Close temporal association; malaise/lethargy/anorexia/hyperthermia are all known findings post vaccination, As two products were given, causality B.
NOBIVAC L4	UK-VMD-0504/18	United Kingdom	Animal	Canine/dog	2.74 Month(s)	25/01/2018	25/01/2018	1 1	0 25/01	2018 Not Known, > Not Known		Not Known	On 25 is a 2018 the dog was vaccinated with Nobbac DHP and L4 - the dog vomited in car on way home and been off colour since. Clinical examination was within normal limits with exception of local swelling at injection site. No information on treatment or outcome.	Jack Russell Terrier	1.62	Nobivac DHP - 1,N/A,N/A,N/A,1 vaccination vial of each (25/01/2018) = 25/01/2018/-BR>-SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,(25/01/2018-25/01/2018)-BR>-SBR>	B - Possible	Close temporal and site association - product involvement is possible - two vaccines given.
	UK-VMD-0517/18	United Kingdom	Animal	Canine/dog	2.35 Month(s)	26/01/2018	31/01/2018	1 1	0 26/01,	2018 Not Known, > <br Not Known</br 		Not Known	On 25 In 2018 the dog was succinated with Nobinsc DHP and L4. The dog started with vomiting within 15 min post injection, which continued with another? Times wonting and facial edema, tachycardia and listlessness. The reaction lasted 12 hours - nothing further.	n Crossbred		Nobivac DHP - 1,N/A,N/A,N/A,1 dose was injected at that ti (26/01/2018- 26/01/2018)-BR>-dBN>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (26/01/2018- 26/01/2018-BR>-dBN>	B - Possible	Timing and clinical signs suggest product involvement is possible. Two vaccines given.
NOBIVAC L4	UK-VMD-0524/15	United Kingdom	Animal	Canine/dog	2.42 Month(s)	06/02/2015	10/02/2015	1 1	0 09/02,	2015 Not Known, > Not Known		Not o Known	Injection site abscess, pyrexis, lethargy and anorexis 3 days post vaccination. Unspecified treatment given Leading to Improvement one day later. The puppy lives and plays with a cat and the vet stated that a cat bite was a possibility but no skin wounds were noted at the time of examination.	French Bulldog	4.5	Nobivac DHP - 1,N/A,N/A, 24,1 vial of DHP and L4 mixed together which was given as a single subcutaneous injection. (06/02/2015-N/A)-BRBR-Nobivac L4 Suspension for injection for Dogs-1,N/A,N/A, 24,N/A (06/02/2015-N/A)-BR->-BR>	B - Possible	Close time and anatomical association, but 2 products administered.
	UK-VMD-0528/15	United Kingdom	Animal		4.58 Year(s)	23/01/2015	10/02/2015	1 1	0 23/01		Emesis (multiple),Alopecia	Not Known	Emesis within 24 hours post vaccination followed by alopecia (unknown onset time). No treatment give, outcome unknown.	Bichon Frise	8.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (23/01/2015-N/A) 	B - Possible	Onset and clinical sign of emesis may be consistent with product reaction. Alopecia may be related to product hypersensitivity reaction so cannot rule out product involvement.
NOBIVAC L4	UK-VMD-0529/16	United Kingdom	Animal	,,,,,	5.08 Year(s)		05/02/2016	1 1		2016 Not Known	Hyperextension, Twitching, Paddling	Not Known	Head twitching, stretching (coded hyperextension) and paddling of front paws (coded comulsions) within 6 hours post vaccination whilst the dog was sat on the owners lap, no loss of consciousness noted. No treatment given and recovery within 30 seconds.	Jack Russell Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dose of each (05/02/2016-N/A) 		Close time association, signs are unexpected and other causes are possible.
NOBIVAC L4	UK-VMD-0534/17	United Kingdom	Animal	Canine/dog	6.08 Year(s)	31/01/2017	31/01/2017		0 31/01	2017 Not Known	Vocalisation,Lameness	Known	Right front limb lameness a few hours post-vaccine. Yelped/screamed upon vaccine administration. Had previous exposures with no reactions. Outcome unknown.	Border Terrier	10.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml pre- prepared vaccine in vial (1 Year(s) 31/01/2017-N/A) 	A - Probable	Timing/clinical signs suggest product involvement
	UK-VMO-0579/18	United Kingdom	Animal			29/01/2018	30/01/2018	1		Not Known, >BR>BR> Not Known, >BR>BR> Not Known, >BR>BR> Not Known, >Not Known, Not Known, Not Known, Not Known, 	RR oedema,Lip oedema (see also 'Skin') BR RR- BR BR	g Not Known	within 6 hours of vaccination there was marked facial swelling, including swelling of the eyelids and lip and pyrexis, lasting for 2 hours. No treatment recorded.	s Labrador Retriever		Donoit Tablets 50 mg - NyAN/ANA NA/AS-Ascend dose (29/01/2018-N/A)-887-488-Nobiwa (DIP-N/ANA/ANA N/Ascend injection [29/01/2018- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- CANA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- CANA/ANA/ASCEND NOBIWA (CARA- NA/ANA/ASCEND NOBIWA (CARA- NA/ANA-NA/ASCEND NOBIWA (CARA- NA/ANA-NA/ASCEND NOBIWA (CARA-	B - Possible	signs show close time association and suggestive of a hypersensitivity reaction. Multiple vaccines used.
NOBIVAC L4	UK-VMD-0571/16	United Kingdom	Animal	Canine/dog	5 Year(s)	08/02/2016	09/02/2016	1 1	0 08/02,	2016 Not Known, > Not Known		Not Known	Allergic oedema of the muzzle and around the eyes starting 1 hour post vaccination. Treated with antihistamines leading to significant improvement. Antihistamines administered again the next day.	Pug	13	Nobivac DHP - 1,N/A,N/A,24,N/A (08/02/2016-N/A)-BRS-BRS-Nobivac 45 Suspension for Injection for Dogs 1,N/A,N/A, 1 vial administered. (08/02/2016-N/A)-BRS-BRS	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered.

NOBIVAC L4	UK-VMD-0574/18	United	Animal	Canine/dog	4.3 Year(s)	23/01/2018	31/01/2018	1 1	0 25/01/2018	Not	Injection site abscess,Injection site	Not	On 23 Jan 2018 the dog was vaccinated with Nobivac DHP and L4 and Nobivac KC. On 25 Jan 2018 the	Crossbred	5.85	Nobivac DHP - 1,N/A,N/A ,24,1 Dose	B - Possible	Close temporal and site association. Abscess
		Kingdom								Known, BR > >BR> Not Known, BR >>BR> Not Known	necrosis,Injection site swelling	Known	dog initially developed a swelling at injection site. Assumed to be injection site reaction, but then developed over next 4 days into large abscess at injection site, with skin necrosis in areas over abscess No information on treatment or outcome.	5.		Unknown 1 Animal (23/01/2018- 23/01/2018)-RBR->BR-Nobivac KC - 1.N/AN/A 24,1 Dose Unknown 1 Animal (23/01/2018- 23/01/2018)-BRR-BRR-Nobivac L4 Suspension for Injection for Dogs - 1.N/AN/A, N/A.one dose of nobivac DHP, mixed (23/01/2018- 23/01/2018)-BR->BR-		formation can be due to method of administration. Two products given.
	UK-VMD-0590/15	United Kingdom	Animal	Canine/dog		12/02/2015	13/02/2015	2 1	0 12/02/2015	Not Known, BR SBR>BR>CBR Not Known, BR SBR>CBR Not Known	Agitation,Facial swelling (see also 'Skin'),Panting	Not Known	Allergic cedema of the face and lips, tachypnoce and agitation in 1 out of 2 dogs 3.5 hours post vaccination. Improvement within 20 minutes following antihistamine treatment but unknown if fully recovered.	Australian Shepherd Dog		Nobivac DHP - 1,N/a,N/a, 24,N/a (12/02/2015-N/A) https://disabs-nobivack KC - 1,N/a,N/a, 24,1 vaccine vial (12/02/2015-N/A) https://disabs-nobivacks.html L4 Suspension for Injection for Dogs - 1,N/a/N/a, 24,N/a (12/02/2015- N/A) https://disabs-nobivacks.html	B - Possible	Close time association, signs suggestive of hypersensitivity reaction but 3 products given.
	UK-VMD-0594/15	United Kingdom	Animal		5.5 Year(s)		13/02/2015	1 1	0 30/01/2015	Known,
 Not Known,
 Not Known</br </br 	Cough	Not Known	Dry cough starting 24 hours post vaccination. Recovery 2 weeks later following unspecified treatment.		4	(29/01/2015-N/A)-(BR3~CBR3~Noblivac KC - 1,N/A,N/A, 24,EXPIRY 30.9.16 (29/01/2015-N/A)-(BR3~SBR3-Noblivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,N/A (29/01/2015- N/A)~BR3~CBR3	No assessment performed	
NOBIVAC L4	UK-VMD-0595/15	United Kingdom	Animal	Canine/dog	2 Month(s)	04/02/2015	13/02/2015	1 1	1 05/02/2015	Not SHOWN, SBR>-SBR Not Known, SBR-SBR Not Known, SBR-SBR Not Known	Death by euthanasia, Ericulatory collapse (see also Neurological and Systemic disorders'), Hypothermia, Hypoglyca emia	Not Known	Collapse, hypothermia and hypoglycaemia 24 hours post concurrent vaccination, Milbemas administration (samued to be Milbemas to resmall dops and pupples) and Aviorating application. Som improvement noted following freatment with glucose and fluids, however, decision to euthanase due to puppy's condition. The puppy's parents were colosely released, 3 other pups in the litter had already died, this puppy weighed 0.99kg but the only other remaining puppy weighed 3.8Kg.	Bull Terrier	0.99	Advantage 40 mg Spot-on Solution for Small Cats, Small Dogs and Pet Rabbits - 1.N/A,N/A .10.0 mlf from Oarl piette 1040/2015- N/A/-BBS-GBN-Milbemax Chewable Tablets for Small Dogs and Pupplers 5.N/A,N/A .24.N/A .04.N/A .24.N/A .04.N/A .24.N/A .24	O - Unclassifiable/unassessa ble	Puppy was in poor condition and severely underweight, but product role cannot be ruled out.
NOBIVAC L4	UK-VMD-0601/17	United Kingdom	Animal	Canine/dog	2.58 Year(s)	30/01/2017	02/02/2017	1 1	0 30/01/2017	Not Known,
 Not Known</br 	Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Weight loss, Faecal incontinence	l Not Known	Lethargy, anorexia, weight loss, soft faeces was observed on the same day of vaccination. Recovered after approx 3 days,	Labrador Retriever	26	Nobivac DHP - 1,N/A,N/A, N/A,1 vial of each product (30/01/2017- N/A) BR>BR>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial of each product (30/01/2017- N/A)RRPS-RRRR	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-0613/18	United Kingdom	Animal		4.42 Year(s)	30/01/2018	31/01/2018	1 1	0 30/01/2018	Not Known,
 <r> Not Known</r></br 	Vomiting,Facial swelling (see also 'Skin')	Not Known	On 30 Jan 2018 the dog was succinated with Nobbac CHP and L4. The dog had vomiting (multiple episodes) and partial swelling of the face within 6 hours of vaccination. The reaction lasted 24 hours. No information on treatment given. Nothing further.	Pug		Nobivac DHP - 1,N/A,N/A,N/A,1 x standard vacc dose (30/01/2018- 30/01/2018):BR>-&BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (30/01/2018- 30/01/2018)	B - Possible	Close temporal association and suspected hypersensitivity reaction. Two products given
	UK-VMD-0617/15	United Kingdom			4.31 Year(s)		16/02/2015	1 1	0 10/02/2015	Not Known,
 Not Known</br 	'Neurological'), Pyrexia, Injection site abscess, Injection site inflammation, Injection site swelling	Not Known	Swelling, Inflammation and pain at the injection site, lethargy and pyrexis 5 days post vaccination. Injection site abscess diagnosed, lanced and drained. Recovery 6 days later.	King Charles Spaniel		Nobivac DHP - 1,N/A,N/A,24,1 dosage form/vial (05/02/2015- N/A) <br-sr-nobiwac l4<br="">Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form/vial (05/02/2015-N/A) >BR></br-sr-nobiwac>	B - Possible	Close anatomical and time association, an abscess would be unexpected and could be due to injection technique.
NOBIVAC L4	UK-VMD-0629/17	United Kingdom	Animal	Canine/dog	7.33 Year(s)	04/02/2017	04/02/2017	1 1	0 04/02/2017	Not Known,
 Not Known</br 	Swelling around eye, Swollen face (see also 'Skin')	Not Known	Swollen face, muzzle and around the eyes within 1 hour of vaccination. Previous exposure. Previous reactions unknown. Outcome unknown. Nothing further.	Chihuahua	5.7	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (04/02/2017- 04/02/2017):-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (04/02/2017- 04/02/2017):-BR><-BR>	B - Possible	Timing/signs suggest product involvement.
NOBIVAC L4	UK-VMD-0630/16	United Kingdom	Animal	Canine/dog	6.17 Year(s)	05/02/2016	12/02/2016	2 1	0 05/02/2016	Not Known	Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy in 1 dog out of 2 starting within 1 hour post vaccination. No pyrexia noted on examination and dog eating well. No treatment given, recovery within 24 hours.	Irish Red and White Setter	36	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dose (first) of L4 (05/02/2016- N/A) BR><	A - Probable	Close time association, sign listed in SPC.
NOBIVAC L4		United Kingdom	Animal		5.58 Year(s)	30/12/2015	12/02/2016	1 1	0 30/12/2015		Diarrhoea	No Data	Severe diarrhoea within 24 hours of vaccination. Recovery within 72 hours, no treatment was given. No previous reaction, nothing further.	Labrador Retriever	30	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,single dose 1ml under the skin (1 Day(s) 30/12/2015-N/A) 	B - Possible	Although diarrhoea is unusual following vaccination, there is a close temporal association therefore it is possible the vaccination caused this episode.
NOBIVAC L4	UK-VMD-0645/16	United Kingdom	Animal	Canine/dog	2.68 Month(s)	05/02/2016	13/02/2016	3 1	0 05/02/2016	Not Known,
 Not Known</br 	Vomiting	Not Known	Acute onset emesis 7 hours post 2nd dose vaccination. Vet suspected foreign body but nothing was noted on exploratory laparotomy. Treated symptomatically leading to recovery 24 hours later.	Border Terrier	2.7	Nabbac DIP - 1,N/A,N/A,N/A,1 vial DIPP and L4 mixed together. Second dose, the first was given 4 weeks previously (1 Daylo) 50/02/2016-N/A/SBN-2BN-Sbowbac L4 Suspension for Injection for Dog-1,N/A/M,A/A/L4 DIPP and L4 mixed together. Second dose, the first was given 4 weeks previously (1 Daylo) 50/02/2016-N/A/SBN-SBN-DAYLONG DAYLONG	B - Possible	Close time association, emeris could be associated with a hypersensitivity reaction but other causes are possible.

NOBIVAC L4	UK-VMID-0650/17	United Kingdom	Animal	Canine/dog	2.06 Month(s)	31/01/2017	06/02/2017	1 1	0 02/02	/2017 Not Known,
 >BR> Not Known</br 	BR>	e Not Known	Lump formed at injection site 2 days after injection, bust as an access 3 days after original injection. Draining access at injection site. Puppy treated with Loxicom. Recovered approx 4 days after beginnin of signs	Crossbred	6	Nobiwac DHPPI, Lyophilisate for Suspension for Injection for Dogs - 1.N/A.N/A, 1.0.Given full dose of L4 component (1ml) combined with Dhippi powder soccine (1 (6) 31/01/2017-N/A)-BRBR-Nobiwa L6 Suspension for Injection for Dogs - 1.N/A.N/A, 24.N/A (31/01/2017- N/A)-BRSBT>	i - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-0666/15	United Kingdom	Animal	Canine/dog	13 Year(s)	24/02/2014	18/02/2015	1 1	0 24/02	/2014 Not Known	Vomiting	Not Known	Emesis starting within 12 hours post vaccination, recovery a few days later. This occurred on 2 occasions 1 month apart.	Border Terrier	18.75	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A,24,One vial vaccine administered subcut (24/02/2014-24/03/2014) 	- Possible	Close time association but unusual to last for a few days.
NOBIVAC L4	UK-VMD-0667/15	United Kingdom	Animal	Canine/dog	7.25 Year(s)	10/09/2014	18/02/2015	1 1	0 10/09	/2014 Not Known	Anorexia	Not Known	Lethargy and anorexia starting 12 hours post vaccination. Recovery 3 days later with no treatment.	West Highland White Terrier	10.4	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A,24,1ml administered as the second of 2 parts. (10/09/2014-N/A)<- BR>< BR>	- Possible	Close time association and could be due to vaccination, but non-specific signs and other causes are possible.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	7 Month(s)		21/02/2017	1 1	0 06/02	/2017 No, <b R> <bf Known,
BR> Not Known</br </bf </b 	Not NOS),Lack of efficacy	Not Known	Sappected lack of expected efficacy, Despite having treatments applied on 15/10/2016, 12/11/2016, 70/11/2016 and 6/1/2017 started passing extremely large amounts of roundworms on 6/2/17. Nothing further. MAH (Bayer) comment: Concomitant drugs treatment start dates are added as '2017'. Note: Date in case narrative changed from "7/12/2015" to "7/12/2016" (as discussed with LOSM).	English Springer Spaniel	12	Advocate Spot-on Solution for Medium Dogs - 1,1,1 Months, N/A, Single pipette applied to the skin every month (IS/10/2016) (05/01/2017)-8B> Nobiwa DHP N/A,N/A,N/A, N/A,N/A, N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	Io assessment erformed	
NOBIVAC L4	UK-VMD-0672/18	United Kingdom	Animal	Canine/dog	10 Week(s)	21/12/2017	21/02/2018	1 1	0 10/01	/2018 Not Known, - - - - - - - - - - <br<br known,<br="" not=""><br<br known,<br="" not=""><br<br known<="" not="" td=""><td>BR> ulcer,Lymph node abscess,Enlarge ymph nodes (generalised),Rubbin BR BR> <</td><td>i, Not Known</td><td>Schmadblister lymph nodes abscesses, Blepharcocopsuctivitis, proderms on skin surrounding noce and of the ventral next was noticed approx of days after vaccinistion. Reaction duration 14 days, Case received to MAM - 7 Feb 2018. Do n.2 1 Dec 2017, dog succinated with Nobiusc DHP and Nobbusc L4 and also dispensed Panalor (unknown if glow). On 1 In 2018, on owner reports developed bilateral conjunctivitis and given Isathal eye cintremed. On 18 Jan 2018, dog now nabbing eyes and nose, alopped anound nose, submondbland hymph nodes enlarged and abscessed plaust throughly the veterinary surgeon flushed lymph nodes and started Metacam and Synulos. On 19 Jan 2018, improving, continue medication and ulserardel selson around nose. On 22 Jan 2018, stopped Metacam as vomited and wound healing and continued medication. On 26 ian 2018, much more improved and continued synulos as still some discharge from hymph nodes. On 3 red 2018, all healed and no other abnormalities detected. No further information. Not update 21 red 2018. Information from reporte confirms age of dog as 10 weeks at darked of vaccination on 21 Dec 2017. Also clarification of history on 19 Jan 2018 that the clinical signs of ulcerated lession on nose was ongoing from prior to this date. No wascination on 21 Dec 2017. Also clarification of history on 19 Jan 2018 that the clinical signs of ulcerated lession on nose was ongoing from prior to this date. No more information is expected.</td><td>d Crossbred ia d</td><td>1.5</td><td>Isathal 10 mg/g Fey Drops, Soppension for Dog, Cata and Rabbits - 1M/AN/A, 24.1 Does Rabbits - 1M/AN/A, 24.1 Des Rabbits - 1M/A, 24.</td><td>31 - Inconclusive</td><td>Of all the signs described, only the Jymph note inflammation could be related to the vaccine, however, while inflammation can be expected, interton is not an add sin or yet infection is not a distinction in ord and sin or yet infection is not a distinction in ord and sin or yet infection is not assigned either. 20 days is not a very strong temporal relation. Cannot exclude product involved product involved the other causes have not been ruled out.</td></br </br </br 	BR> ulcer,Lymph node abscess,Enlarge ymph nodes (generalised),Rubbin BR BR> <	i, Not Known	Schmadblister lymph nodes abscesses, Blepharcocopsuctivitis, proderms on skin surrounding noce and of the ventral next was noticed approx of days after vaccinistion. Reaction duration 14 days, Case received to MAM - 7 Feb 2018. Do n.2 1 Dec 2017, dog succinated with Nobiusc DHP and Nobbusc L4 and also dispensed Panalor (unknown if glow). On 1 In 2018, on owner reports developed bilateral conjunctivitis and given Isathal eye cintremed. On 18 Jan 2018, dog now nabbing eyes and nose, alopped anound nose, submondbland hymph nodes enlarged and abscessed plaust throughly the veterinary surgeon flushed lymph nodes and started Metacam and Synulos. On 19 Jan 2018, improving, continue medication and ulserardel selson around nose. On 22 Jan 2018, stopped Metacam as vomited and wound healing and continued medication. On 26 ian 2018, much more improved and continued synulos as still some discharge from hymph nodes. On 3 red 2018, all healed and no other abnormalities detected. No further information. Not update 21 red 2018. Information from reporte confirms age of dog as 10 weeks at darked of vaccination on 21 Dec 2017. Also clarification of history on 19 Jan 2018 that the clinical signs of ulcerated lession on nose was ongoing from prior to this date. No wascination on 21 Dec 2017. Also clarification of history on 19 Jan 2018 that the clinical signs of ulcerated lession on nose was ongoing from prior to this date. No more information is expected.	d Crossbred ia d	1.5	Isathal 10 mg/g Fey Drops, Soppension for Dog, Cata and Rabbits - 1M/AN/A, 24.1 Does Rabbits - 1M/AN/A, 24.1 Des Rabbits - 1M/A, 24.	31 - Inconclusive	Of all the signs described, only the Jymph note inflammation could be related to the vaccine, however, while inflammation can be expected, interton is not an add sin or yet infection is not a distinction in ord and sin or yet infection is not a distinction in ord and sin or yet infection is not assigned either. 20 days is not a very strong temporal relation. Cannot exclude product involved product involved the other causes have not been ruled out.
NOBIVAC L4	UK-VMD-0676/15	United Kingdom	Animal	Canine/dog	3 Year(s)	10/11/2014	19/02/2015	1 1	0 17/11	/2014 Not Known,
>BR>>BR> Not Known</br 		Not Known	Injection site oedema (swelling) noted approximately 1 week post vaccination. No treatment given, in further information expected.	o Not Applicable	12	Nobivac KC - N/A,N/A,N/A,N/A,N/A B (10/11/2014-N/A) -BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,amount of product admin:1 Duration of admin: 1 (10/11/2014-N/A) >BR>	- Possible	Onset and clinical signs are consistent with possible product reaction.
NOBIVAC L4	UK-VMD-0578/16	United Kingdom	Animal	Canine/dog	14.79 Year(s)	15/02/2016	16/02/2016	1 1	0 15/02	/2016 Not Known,
 Not Known</br 		Not Known	Injection site pain, amiety and restlessness within 1 hour post vaccination. No treatment given, recovery within 12 hours.	English Cocker Spaniel	8.8	Nobivac DHP - 1,N/A,N/A,N/A,One B vial (mixed and administered with Nobivac 14 - see below) (15/02/2016-N/A) Nobivac No	i - Possible	Close time association, 2 products administered concurrently, injection site pain can be expected.
	UK-VMD-0686/15	United Kingdom	Animal	Canine/dog	2 Month(s)	18/02/2015	19/02/2015	1 1	0 18/02	Known,
 Not Known</br 	also Central nervous system depression in 'Neurological')	Not Known	Latharge, emests and rejection site irritation within 12 hours post vaccination. Recovery 1 day later with no treatment.	Crossbred	1.6	Nobivac DHP - 1,N/A,N/A ,24,Nobivac vaccination DHP reconstituted in 14 fraction (18/02/2015-N/A) -BR>-Nobivac 14 Suspension for Injection for Dogs- 1,N/A,N/A,24,N/A (18/02/2015- N/A) >BR>	i - Possible	Close time association, 2 products given.
	UK-VMD-0704/15	United Kingdom	Animal		2.67 Year(s)		20/02/2015	1 1		/2015 Yes, <b< td=""><td>-Yes anaemia</td><td>No Data</td><td>Immune mediated haemorytic anaemia within 24 hours of vaccination. Nothing further. Has received Pi previously, however first time with L4.</td><td>Crossbred</td><td></td><td>Nobiwa L4 Suspension for Injection B for Dogs - 1,N/A,N/A, 1,D,1ml dose of Nobiwa Lepta used to re-constitute Nobiwa F. (1,13/02/2015-N/A) - Nobiwa F. (1,13/02/2015-N/A) - 1,N/AN/A, 1,D,1ml dose of Nobiwa F. (1,13/02/2015-N/A) - F. (13/02/2015-N/A) - F. (13/02/2015-N/A) - Rr></td><td>i - Possible</td><td>Considering the close temporal association, product related reaction is deemed possible. Two products used.</td></b<>	-Yes anaemia	No Data	Immune mediated haemorytic anaemia within 24 hours of vaccination. Nothing further. Has received Pi previously, however first time with L4.	Crossbred		Nobiwa L4 Suspension for Injection B for Dogs - 1,N/A,N/A, 1,D,1ml dose of Nobiwa Lepta used to re-constitute Nobiwa F. (1,13/02/2015-N/A) - Nobiwa F. (1,13/02/2015-N/A) - 1,N/AN/A, 1,D,1ml dose of Nobiwa F. (1,13/02/2015-N/A) - F. (13/02/2015-N/A) - F. (13/02/2015-N/A) - Rr>	i - Possible	Considering the close temporal association, product related reaction is deemed possible. Two products used.
	UK-VMD-0715/17	United Kingdom	Animal		1.25 Year(s)	31/01/2017	09/02/2017	1 1	0 03/02	Known,
 Not Known</br 	:BR>	Not Known	Injection site mass within 3 days of vaccination. No previous exposure. Outcome ongoing, Nothing further.	English Springer Spaniel		Nobivac KC - N/A,N/A,N/A,N/A,N/A A (N/A-N/A) - N/A) - N/	- Probable	Timing/signs/location suggest probable product reaction.
	UK-VMD-0736/15	United Kingdom	Animal	Canine/dog	9 Year(s)	15/01/2015	24/02/2015	2 2	0 15/01	/2015 No	Diarrhoea,Emesis,Lethargy (see also Central nervous system depression in 'Neurological')	Unauthor sed dosage - administr ation not frequent enough	Emesis, diarrhoea and lethargy in 2 dogs (one aged 3 years and one aged 9 years, both Ft), both Sigl within 24 hours post vaccination. Clinical signs resolved without treatment within 24 hours. Rechallenge 5 weeks later produced the same clinical signs with the same orset and duration. Recovery without treatment. No further information expected.	Not Applicable	5.4	Nobivac L4 Suspension for Injection B for Dogs - 1,2,5 Weeks,24,1 dosage form/vial (15/01/2015-19/02/2015)<-BR><-BR>	- Possible	Temporal relationship, clinical signs and repeated event at re-challenge are suggestive of a possible product reaction, however, other factors cannot be completely excluded. No further information expected.
NOBIVAC L4	UK-VMD-0737/16	United Kingdom	Animal	Canine/dog	5 Year(s)	19/01/2016	19/02/2016	1 1	0 20/01	/2016 Not Known	Vomiting.Regurgitation	Not Known	Emesis and regurgitation of food starting within 24 hours post vaccination. This continued intermittently for a period of 2 weeks. No treatment given, full recovery.	Dogue de Bordeaux	63	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A ,N/A,N/A (19/01/2016-N/A) 	- Possible	Close time association but signs are unexpected and duration of signs unexpected post vaccination, other causes are possible.

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	UK-VMO-0739/16	United Kingdom	Animal	Canine/dog	2.2 Month(s)	19/01/2016	22/02/2016	1 1	1 1	20/01/2016	Not Known,
BR> Not Known</br 	Death, Anorexia, Lethargy (see also Central nervous system depression in Neurological'), Malaise, Ascitez, Abn ormal test result, Hypoproteinaemia, Abnormal radiograph finding, Increased percentage reticulocytes, Intestinal disorder NOS, Vocialsation, Anaemia NOS, Leucocytosis, Cardiac arrest, Pale mucos membrane, Abdominal pain	Not Known	Malaise, vocalisation and lethargy starting 24 hours post vaccination progressing to deterioration and carnal admirant pain 2 days later. Lungouver masp and saline agalistration neglate. Blood tests showed namenia, high reticulcytes, leucocytosis, low total protein. Radiographs showed intestinal thickening and opacity in adomera. Admirancements showed link 10th 27 mis transacted trained. This was followed by deterioration, cardiac arrest and death despite resuscitation attempts. No PMIt carried out.	German Shepherd Dog	5.9	Noblac DIP - 1.N/A.N/A.N/A.1 vial [15/01/2016-N/A.1-28h-Robbush Lis Suspension for Injection for Dog-1.N/A.N/A.2.1 Dose (19/01/2016-N/A)-BR> 		Close time association but signs are unexpected and 2 products administered. No PME carried out.
	UK-VMD-0739/18	United Kingdom	Animal	Canine/dog	1.42 Year(s)		06/02/2018	1 1		05/02/2018	Known,
 <r Not Known,
 Not Known</br </r </br 	Swollen face (see also 'Skin')	Not Known	Less than 6 hours after vaccination reaction leading to swollen face requiring dexadreson and chlorpheniramine. Reaction duration 1 day.	Pug		Nobiac DIP - N/AN/AN/A N/A/N/A (507/2028)- N/A/N-BBdBN-Obivac KC - N/A-N/AN/A N/AN/A (65/02/2018- N/A)-BBdBN-Obivac L4 Suspension for injection for Dogs - N/AN/AN/A N/A/AN-AN-AN-Obivac L4 Suspension for injection for Dogs - N/AN/AN/A N/AN-AN-AN-AN-Obivac L4 vaccines and Kennel cough vaccine by intra-nasal administration (05/02/2018-N/A)-dBN->BR>	B - Possible	Traing/clinical signs suggest a possible hypersensibility-phaylocit reaction to the vaccine. Three vaccines administered at the same time.
NOBIVAC L4	UK-VMD-0754/16	United Kingdom	Animal	Canine/dog	2 Year(s)	12/01/2016	19/02/2016	1 1	1 0	13/01/2016	Known,
 </br 	Aggression, Behavioural disorder NOS, Diarrhoea, Inappetence, Lethar gy (see also Central nervous system depression in 'Neurological')	Not Known	Lethary, anorexia, change in temperament and agression towards the owner 24 hours post vaccination. Diarrhoea was noted 5 weeks later. The owner refused to have the 2nd dose of L4 administered due to this adverse event. The dog recovered with no treatment given.	German Wire- haired Pointing Dog	34.3	Nobivac DHP - 1,N/A,N/A,24,1 dose administered (12/01/2016- N/A) >Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 dose administered (12/01/2016-N/A) >BR>	O1 - Inconclusive	Close time association with initial signs and anorexia and lethargy could be expected. Other signs are unexpected and duration of adverse event is unexpected.
	UK-VMD-0771/18	United Kingdom	Animal	Canine/dog	1.1 Year(s)	08/02/2018	09/02/2018	1 1	1 0	08/02/2018	Not Known, <rs< known,<br="" not=""> <br known,<br<="" not="" td=""/><td>Facial swelling (see also 'Skin'),Urticaria,Vomiting,Diarrhoea</td><td>Not Known</td><td>Vomiling and diarrhoes, swollen muzzle, urticaris, less than one hour following vaccination. Outcome unknown</td><td>French Bulldog</td><td></td><td>Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Arinmal (08/02/2018- N/A)<brbr-nobivac l4<br="">Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (08/02/2018-N/A)<br->BR-Nobivac Rabies - 1,N/A,N/A, 10,1 ml Unknown 1 Arinmal (08/02/2018- N/A)<br->BR->BR-</br-></br-></brbr-nobivac></td><td>B - Possible</td><td>Temporal relation is close and signs are consistent with Pyeersenshitty/manghylactic resolution to the vaccine, Because several vaccines were used concomitantly, they are possibly responsible.</td></rs<>	Facial swelling (see also 'Skin'),Urticaria,Vomiting,Diarrhoea	Not Known	Vomiling and diarrhoes, swollen muzzle, urticaris, less than one hour following vaccination. Outcome unknown	French Bulldog		Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Arinmal (08/02/2018- N/A) <brbr-nobivac l4<br="">Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (08/02/2018-N/A)<br->BR-Nobivac Rabies - 1,N/A,N/A, 10,1 ml Unknown 1 Arinmal (08/02/2018- N/A)<br->BR->BR-</br-></br-></brbr-nobivac>	B - Possible	Temporal relation is close and signs are consistent with Pyeersenshitty/manghylactic resolution to the vaccine, Because several vaccines were used concomitantly, they are possibly responsible.
NOBIVAC L4	UK-VMD-0780/16	United Kingdom	Animal	Canine/dog	9 Year(s)	02/02/2016	22/02/2016	1 1	1 0	02/02/2016	Not Known	Malaise,Pain NOS	Not Known	General malaise and discomfort starting within 6 hours post vaccination. No treatment given, full recovery 2 days later.	Border Terrier	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (02/02/2016-N/A) 	B - Possible	Close time association, lethargy is listed in SPC and signs could be related to this.
NOBIVAC L4	UK-VMD-0786/16	United Kingdom	Animal	Canine/dog	5 Year(s)	18/02/2016	23/02/2016	1 1	1 0	19/02/2016		Injection site pain, Localised pain NOS (see other 'SOCs' for specific pain), Injection site stiffness	Not Known	Injection site paint starting within 24 hours post succination leading to localised pain of the neck and injection site stiffices and unufallingues of none neck. Usepocified treatment given, gigins were ongoing 4 days later when report was received. The dog was a rescue dog and therefore no previous medical history was known.	Beagle	17.2	Nobivac DHP - 1,N/A,N/A, 24,N/A (18/02/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (18/02/2016- N/A) 	B - Possible	Close time and anatomical association but 2 products given and other causes are possible.
NOBIVAC L4	UK-VMD-0797/18	United Kingdom	Animal	Canine/dog	9 Year(s)	06/03/2017	09/02/2018	1 1	1 0	30/07/2017	Not Known,
 Not Known</br 	Iris disorder,Papiliomatosis	Not Known	Canine papillomatosis and Iris cysts seen 4 months after the last vaccination with Lepto 4 and Nobivac DHP. Outcome unknown. My dog has received annual vaccinations from a pup. She was given given Vangandr (7 [DAP]) and Vangandr (7 [DAP]) and Vangandr (7 [DAP]) and two processes they. On the 100.30 216 by our previous verb. On moving to our present vert, she was given in the following March 2017, Nobivac DHP and Nobivac L4 followed by a second Nobivac L4 stur under a month later. I also feel changing per from tepto 10 cetped 1s also a contributory factor in her developing canine papilloma and Iris cysts. Our dog was also at the time, receiving monthly Advocate spot on treatment which I have since discontinued due to adverse reactions. This was administered by myself but not on the same day as the vaccinations	German Shepherd Dog	36	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (05/03/2017- N/A) -SBR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (05/03/2017- N/A) -SBR>	O1 - Inconclusive	Canine papillomatosis and Iris cysts are not expected and temporal relation is not strong. Product involvement cannot be excluded however some pre- existing condition may also explain the signs
NOBIVAC L4	UK-VMD-0799/18	United Kingdom	Animal	Canine/dog	7.89 Year(s)	04/01/2017	09/02/2018	1 1	1 0	04/01/2017		Lethargy (see also Central nervous system depression in 'Neurological'),Reluctant to move,Sleepiness - systemic disorder	Not Known	Owner reports very quiet day after accentation last year, not varieting to move, not opening eyes, still easting/deriveling/ministraje/defectating as orman, Resolved sopraneously after five days, not presented to vets. The year before, owner reports had been slightly quiet after the vaccination. The years prior to this nothing abnormal detected	Bull Terrier	38.9	Nobivac KC - N/A,N/A,N/A,N/A,N/A (04/01/2017-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, N/A,1 vial (04/01/2017- N/A) 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered.
NOBIVAC L4	UK-VMD-0800/17	United Kingdom	Animal	Canine/dog	1.25 Year(s)	07/02/2017	14/02/2017	1 1	1 0	07/02/2017	Not Known	Reluctant to move,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and reluctance to leave bed 2 hours after vaccination. No previous exposure. Recovered without treatment after 24 hours. Nothing further.	English Cocker Spaniel	12	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml vial (07/02/2017-07/02/2017) BR> 	A - Probable	Timing/signs suggest probable product involvement.
NOBIVAC L4	UK-VMD-0803/16	United Kingdom	Animal	Canine/dog	2.03 Month(s)	17/02/2016	25/02/2016	4 2	2 0	18/02/2016	Not Known	Diarrhoea, Vomiting, Weight loss, Hypoglycaemia	Not Known	Emesis, diarrhoea, weight loss and hypoglycaemia in 2 puppies out of 4 starting within 24 hours post vaccination. Unspecified treatment given leading to recovery in 1 of these pups, treatment is still ongoing in the other one.	German Spitz - Pomeranian	0.64	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (17/02/2016-N/A) 	B - Possible	Close time association, some of the signs you could expected but other causes are possible.
NOBIVAC L4	UK-VMD-0805/17	United Kingdom	Animal	Canine/dog	1.92 Year(s)	16/01/2017	14/02/2017	1 1	1 0	18/01/2017	Known, <br< td=""><td>Cough, Lethargy (see also Central nervous system depression in "Neurological"), Inappetence</td><td>Not Known</td><td>Coughing, lethargic and off food within 2 days of vaccination. Previous exposure unknown. Outcome unknown. Nothing further.</td><td>Border Collie</td><td>23</td><td>Nobivac DHP - N/A,N/A,N/A N/A,N/A (15/01/2017- 15/01/2017-BRS-BR-Nobivac KC - N/A,N/A,N/A,N/A,N/A (15/01/2017- N/A)-BRS-GBR-Nobivac L4 Suspension for injection for Dogs- N/A,N/A,N/A,N/A,N/A (16/01/2017- 16/01/2017)-BR>-BR></td><td>B - Possible</td><td>Timing/lethargy/nappetence suggest possible product involvement. Multiple vaccines administered.</td></br<>	Cough, Lethargy (see also Central nervous system depression in "Neurological"), Inappetence	Not Known	Coughing, lethargic and off food within 2 days of vaccination. Previous exposure unknown. Outcome unknown. Nothing further.	Border Collie	23	Nobivac DHP - N/A,N/A,N/A N/A,N/A (15/01/2017- 15/01/2017-BRS-BR-Nobivac KC - N/A,N/A,N/A,N/A,N/A (15/01/2017- N/A)-BRS-GBR-Nobivac L4 Suspension for injection for Dogs- N/A,N/A,N/A,N/A,N/A (16/01/2017- 16/01/2017)-BR>-BR>	B - Possible	Timing/lethargy/nappetence suggest possible product involvement. Multiple vaccines administered.
NOBIVAC L4	UK-VMD-0810/15	United Kingdom	Animal	Canine/dog	3 Month(s)	26/02/2015	27/02/2015	3 2	2 0	26/02/2015	Yes	Injection site pain	No Data	Injection site pain within 2 minutes of vaccination in 2/3 vaccinated. Previous reaction duration was 24 hours and treated with analgesics. This reaction duration was approximately 10 minutes. VS notes repeated pain reactions with the Nobivac L4 compared to L2. Nothing further.	Other Canine/dog	1.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dose (26/02/2015-N/A) 	A - Probable	Timing of pain reaction suggestive of probable product related reaction.
NOBIVAC L4	UK-VMD-0822/15	United Kingdom	Animal	Canine/dog	5.58 Year(s)	04/02/2015	02/03/2015	1 1	1 0	04/02/2015	Yes, <b R> Yes</b 	Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy at unknown time post vaccination. Duration 2 days. Nothing further.	Crossbred	25.6	Nobivac KC - 1,N/A,N/A ,24,N/A (04/02/2015-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,N/A (04/02/2015- N/A) 	B - Possible	Possible product related reaction however unknown time post vaccination and 2 products administered.

NOBIVAC L4	UK-VMD-0846/15	United Kingdom	Animal	Canine/dog	3 Month(s)	19/01/2015	03/03/2015	1 1	0 19/01/2	Not Known, <br Not Known</br </b 	Facial swelling (see also t 'Skin'),Allergic pruritus	Not Known	Allergic cedema of the face, muzzle and ears and allergic pruritus starting within 1 hour post vaccination. Recovery 2 hours later following treatment with antihistamines and corticosteroids.	Not Applicable	3	vaccination given. first vac with breeder, no reaction reported to first vac by breeder (19/01/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (19/01/2015-	- Possible	Close time association, possible hypersensitivity reaction, 2 products given.
	UK-VMD-0855/16	United Kingdom	Animal	Canine/dog	9.25 Year(s)		26/02/2016	1 1	0 25/02/2	IS NOT KNOWN, SBX-SB > <td>Lack of efficacy</td> <td>Not Known</td> <td>Suspected lack of efficacy. Signs of kennel cough 6 weeks post vaccination. Unknown if any treatment given, outcome unknown.</td> <td>Jack Russell Terrier</td> <td>8.85</td> <td>N/A/A/BS-GBR- Advantix Sport-on Solution for Dogs Nover 4 kg up to 30 kg -N/A/A/A/A p A/Amints Sport-on-on-on-on-on-on-on-on-on-on-on-on-on-</td> <td>o assessment erformed</td> <td></td>	Lack of efficacy	Not Known	Suspected lack of efficacy. Signs of kennel cough 6 weeks post vaccination. Unknown if any treatment given, outcome unknown.	Jack Russell Terrier	8.85	N/A/A/BS-GBR- Advantix Sport-on Solution for Dogs Nover 4 kg up to 30 kg -N/A/A/A/A p A/Amints Sport-on-on-on-on-on-on-on-on-on-on-on-on-on-	o assessment erformed	
NOBIVAC L4	UK-VMD-0857/14	United Kingdom	Animal	Canine/dog	10.06 Year(s)	14/01/2014	27/02/2014	1 1	0 16/01/2	I14 Not Known, B >BR>BR>CBR Not Known, BR Not Known, BR Not Known	Seizure NOS,Malodour	Not Known	Convolition 2 days after vaccination, 13 days later the owner contacted the vet and reported that the dog was mallodours. The dog presented to the vet 19 days later having had a further convolitions. The vet confirmed mallodour, but suspects this is due to the voiding of anal glands during convolitions. Concurrent treatment with Solokine. Clinical earam and blood tests were unremnable and thyroid sample suggested only adequate supplementation. No previous exposure to DHP or £4 but has had DHPP and £2 previously with out adverse event. Referred to a neurologist and brain tumour diagnosed.	Crossbred	31.25	Nobivac DHP - I.N/A,N/A,24,1 Nodosage form - single injecti (14/01/2014-N/A) -BR>-Nobivac L4 Suspension for injection for Dogs 1,N/A/A/A,24 dosage form (14/01/2014- N/A) -Slockine 0.8 mg Tablet - 8.N/A,N/A,3,0.8 mg/tablets u.i.d. long term (N/A-N/A) -BR>	- Unlikely	
NOBIVAC L4		United Kingdom	Animal	Canine/dog	9 Year(s)	06/02/2017	17/02/2017	1 1	0 06/02/2	Known, <br< td=""><td>> 'Neurological'),Pain NOS</td><td>Not Known</td><td>Latharge and in pain 4 hours after vaccination. No previous reactions. Recovery after 12 hours following treatment with MSAIDs. Nothing further.</td><td>Lhasa Apso</td><td>6</td><td>(06/02/2017- 06/02/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,06/02/2017- 06/02/2017\BR> </td><td>- Possible</td><td>Timing and lethargy suggest product involvement. Involvement in pain unclear.</td></br<> 'Neurological'),Pain NOS	Not Known	Latharge and in pain 4 hours after vaccination. No previous reactions. Recovery after 12 hours following treatment with MSAIDs. Nothing further.	Lhasa Apso	6	(06/02/2017- 06/02/2017) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,06/02/2017- 06/02/2017\BR> 	- Possible	Timing and lethargy suggest product involvement. Involvement in pain unclear.
NOBIVAC L4	UK-VMD-0874/18	United Kingdom	Animal	Canine/dog	4.42 Year(s)	01/02/2018	14/02/2018	2 1	0 04/02/2	Mot Known, <brown< td=""><td>Pharyngitis, Seizure NOS, Cough t</td><td>Not Known</td><td>Within 48 hours of administration, the dog suffered two grand mal seizures, each listing approximately 30 seconds. Adapsics of phanyqists and clinical signs mitoding a tenne copylin fection were also detected by the out-of-hours surgery. No more information expected. MAH Commnet: changed Vedra date to 3 Feb 2018 as per narrative rather than 4 Feb 2018</td><td>y Pug</td><td>9.8</td><td>Nobiwac KC - 1,N/A,N/A, N/A,1 vial B KC vaccine administered (01/02/2018: BD1/02/2018; BN-SBN-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml Unknown 1 Dose (01/02/2018- 01/02/2018/BRP-SBN-</td><td>- Possible</td><td>There is close temporal association to the signs and seizures can be reported post vaccination. The respiratory signs are more likely associated with the KC vaccination.</td></brown<>	Pharyngitis, Seizure NOS, Cough t	Not Known	Within 48 hours of administration, the dog suffered two grand mal seizures, each listing approximately 30 seconds. Adapsics of phanyqists and clinical signs mitoding a tenne copylin fection were also detected by the out-of-hours surgery. No more information expected. MAH Commnet: changed Vedra date to 3 Feb 2018 as per narrative rather than 4 Feb 2018	y Pug	9.8	Nobiwac KC - 1,N/A,N/A, N/A,1 vial B KC vaccine administered (01/02/2018: BD1/02/2018; BN-SBN-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml Unknown 1 Dose (01/02/2018- 01/02/2018/BRP-SBN-	- Possible	There is close temporal association to the signs and seizures can be reported post vaccination. The respiratory signs are more likely associated with the KC vaccination.
NOBIVAC L4	UK-VMD-0875/17	United Kingdom	Animal	Canine/dog	2.19 Month(s)	15/02/2017	17/02/2017	1 1	0 15/02/2	117 Not Known, <br Not Known</br </b 		Not Known	Lethargy, inappetence, disurhoea within 12 hours of vaccination. No previous exposure. Recovery without treatment after 2 days. Nothing further.	Crossbred	1.02		- Possible	Timing/signs suggest product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-0885/16	United Kingdom	Animal	Canine/dog	3.06 Month(s)	20/02/2016	29/02/2016	1 1	0 22/02/2	No, <br×br× R×BR×BR>No</br×br× 	Injection site swelling, Injection site seroma	Other	injection site swelling noted 2 days post vaccination. Lump gradually increased in size. Serosanguinous fluid drained from the Lump 1 week Liter and unspecified treatment given, injection site seroma confirmed. Outcome unknown.	Staffordshire Bull Terrier	5	Nobivac DHPPI - 1,N/A,N/A, 24,N/A B (20/02/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1ml in total (20/02/2016-N/A) <	- Possible	Close time and anatomical association, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-0889/18	United Kingdom	Animal	Canine/dog	3 Month(s)	13/02/2018	15/02/2018	1 1	0 13/02/2	I18 Not Known, <bi > <br Not Known</br </bi 	Emesis,Swollen eye,Allergic pruritu	s Not Known	within 30 minutes of administration there was repeated vomiting, with swollen and itchy eyelids. Unknown reaction duration. No treatment recorded. MAH , Follow up 19 Feb 2018 Changed the Patient screen form Recovered to Unknown as per narrative.	Crossbred	7	Nobivac DHP - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (13/02/2018) 13/02/2018)-BR>>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml Unknown 1 Animal (13/02/2018-13/07/2018)-BR>>BR>	- Possible	Close time association to the signs and drug administration suggestive of a hypersensitivity reaction to vaccination. Two products used so impossible to assign a single cause.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	1.5 Year(s)	17/10/2017	16/02/2018	1 1	1 11/12/2	Know,GR-de V-BR-dB-V-BR Not Known	Gagging, Retching, Other immune system disorder NOS, collapse (see also Cardo-wascolar and System disorders). Nophital, Report for wascolar and System disorders). Nophital, Report for wascolar and control necrosis system depression system depression also Cardon leverous system depression. Nophital Phyrial, Pancytopen a, Alborimal necropsy inding. Decreased packed cell volume (PCV), Enlarged lymoh node (Ico. aliced, Tondillas, Anaemia NOS, Non-regenerative anemia, Blood and lymphatic system disorder NOS, Thrombocytopenia, Low platelet count, Neutropenia, Cardial arrest, Vomiting	Not Known	Waning and waring signs of flatburg and intermittent verniting for 3-4 weeks, beginning one month after second L6 dose (two months after first dose) with more recent development of retching and paging, worknown by earling, Investigation in tools practice had documented become fire private and paging, worknown by earling. He was a simple control of the control of t	Crossbred	7.9	Supersion for Injection for Dog- 1,1/N/NA/ N/A/Scond 14 vaccine given 14/11/(17/10/2017 - N/A)-RBS-4RB-N/Wake 14 Suppression for Injection for Dog- 1,1/N/A/A/, 0.1 ul Unknown 1 Animal (17/10/2017-N/A)-BB>-BB-	1 - Inconclusive	severe and systemic bone marrow suppression may have numerous causes including immune modification by succlambion, bowever there may be numerous other causes which have not been ruled out.
NOBIVAC L4	UK-VMD-0907/16	United Kingdom	Animal	Canine/dog	3.17 Year(s)	12/02/2016	01/03/2016	2 1	0 13/02/2	16 Not Known	Diarrhoea	Not Known	Diarrhoea starting within 24 hours post vaccination. No treatment given, recovery 1 week later.	Saluki	21.6	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A ,24,1 dosage form - full vial (12/02/2016- N/A) <8R>	- Possible	Close time association but diarrhoea is note expected, other causes are possible.

	UK-VMD-0917/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	21/02/2017	21/02/2017	1 1	0 21/02/20	> Not Known	Perioritial oedema, Lip oedema (see also 'Skin'),Erythema (for urticaria see Immune SOC)	Not Known	Periorbital/lip cedema and erythema within 30 minutes of vaccination. No previous exposure. Recovery after 1 days with unknown treatment. Nothing further.	Pug	14	Nobiva CL4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A, 1 val of each reconstituted (21/02/2017- N/A)-BRBR-Nobivae P, Lyophilisate and Solvent for Suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (21/02/2017- N/A)-BRBR->	B - Possible	Timing/signs suggest product involvement. Two vaccines administered.
	UK-VMD-0917/18	United Kingdom	Animal	Canine/dog	8 Week(s)	06/02/2018	14/02/2018	6 6	0 06/02/20	18 Not Known, BR >BR>BR>CBR> Not Known	Aggression	Not Known	On 6 Feb 2018 6 pups were vaccinated with Nobius DHP and J.L. The pupples were normal until vaccination them within 48 hours sudden onset aggression between all 6 pupples for no reason. No further information.	Basset Griffon Vendeen (Large)	5.25 - 6.35	Nobivac DHP - 1,N/A,N/A,10,N/A (06/02/2018- 06/02/2018)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (06/02/2018- 06/02/2018)-BR> 	O1 - Inconclusive	Limited information supplied and clinical signs may have other causes, however product involvement cannot be fully discounted. Two vaccines given concurrently.
NOBIVAC L4	UK-VMD-0932/16	United Kingdom	Animal	Canine/dog	3.2 Month(s)	02/03/2016	07/03/2016	1 1	0 02/03/20	I6 No, <b R> No</b 	Injection site pain, Vocalisation, Tachypnoea, Leth argy (see also Central nervous system depression in 'Neurological')	Other	injection site pain and vocalisation immediately post vaccination. Lethargy, vocalisation and tachypnoea later the same day. Unspecified treatment given, outcome unknown. History of injection site pain following 1st dose vaccination given 4 weeks earlier.	Toy Poodle	1.5	Nobivac DHPPI - 1,N/A,N/A, 24,1 DOSS OF EACH, MIXED, SUBCUTA (02/03/2016-N/A) >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose (02/03/2016- N/A) <	B - Possible	Close time association, 2 products administered, injection site pain is listed in SPC.
	UK-VMD-0978/16	United Kingdom	Animal	Canine/dog		20/02/2016	13/03/2016	1 1	0 02/03/20	Known, BR > Not Known	Comeal oedema, Blue eye, Uveitis, Cloudy eye (for Miosis, Mydriasis, Anisocoria, Mystagmus - see 'Neurological'), Sore eye	Not Known	Usettis and comeal oedema affecting one eye noted 11 days post vaccination. Referred to Giasgow Vet School. Unspecified treatment given. Puppy reported to be doing fine, unknown whether fully recovered.	West Highland White Terrier	Known	(20/02/2016-N/A) RR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 Dose (20/02/2016- N/A) BR> 	N - Unlikely	Relatively close time association but more likely to be associated with DHP vaccine than the lepto vaccine.
	UK-VMD-0981/17	United Kingdom	Animal		2 Month(s)	20/02/2017	24/02/2017	1 1	0 20/02/20	Known,
 Not Known</br 	Increased heart rate, Diarrhoea, Sieepiness - systemic disorder, Elevated temperature, Shaking, Vomiting	Not Known	repeated vomiting and shaiv? I hours after vaccine given. Increased heart rate, then sleepy. Some diurrhoea too and mild increased core temp. Resolved after approx. 9 hours	Crossbred		Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dose of each vaccine as above given s/c (20/02/2017-N/A)-8Bx-8Bx-Nobivac LS suspension for Injection for Dogs - 1,N/A,N/A, N/A,N/A (20/02/2017- N/A)-BRX-GBX-	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-0998/16	United Kingdom	Animal	Canine/dog	2.33 Year(s)		08/03/2016	1 1	0 02/03/20	Known,
 Yes</br 	nervous system depression in 'Neurological'),Increased bowel movements (frequency)	No Data	Diarrhoea, anorexia, increased bowel movements and lethargy within 12 hours of vaccination. Recovery within 6 days following unknown treatment. No previous reaction. no further information	Bulldog	27.4	I Nobinea DHPPI - N/A,N/A,N/A N/A,N/A (03/02/2016- N/A)-BR>-Nobinea L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial only. Also given DHP=L4 on 3/2/16 with no adverse effects (1 Second(s) 02/03/2016-N/AL-BR>-BR>	B - Possible	CLose temporal association, and clinical signs known to occur following vaccination, however as other possible causes, overall coded B
	UK-VMD-1000/17	United Kingdom	Animal		2.23 Month(s)	24/02/2017	25/02/2017	1 1	0 24/02/20	Known,
 Not Known</br 	Inappropriate defecation, Lethargy (see also Central nervous system depression in 'Neurological'), Vomiting, Diarrhoea	Not Known	Voomled within 15 minutes of receiving injection, did a very large stool, then became very lethargic for 30 minutes. Steadily improved and back to normal within 12 hours.	Miniature Schnauzer	Not Known	Nobiwac DHPPI, Lyophilisate for Suspension for Injection for Dogs - N/A,N/A,N/A,N/A(24/02/2017- N/A)-BRBR-Nobiwac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (24/02/2017- N/A)-CBR>-GR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1000/18	United Kingdom	Animal	Canine/dog	2.33 Year(s)	13/02/2018	14/02/2018	1 1	0 13/02/20	18 Not Known	Injection site pain,Crying,Tachycardia,Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Not eating,Increased skin sensitivity	Not Known	On 13 Feb 2018 the dog was succinated with Nobbus L4. About 3 hours post vaccination, the dog started to crywhen being picked up, lethragic at times, not seeming her normal seaf, off food net add severely tachycardic next day on vet check, very sensitive all over body but particularly over dorsal neck on site of booster vaccination (coded as injection site pain). No further information.	Toy Poodle	3.4	I Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, A/A,1 vial of Nobivac Lepto 4 Vaccination (13/02/2018-13/02/2018) RR> RR>	A - Probable	Close temporal and site association with vaccination. Product involvement is probable.
NOBIVAC L4	UK-VMD-1002/17	United Kingdom	Animal	Canine/dog	3.33 Year(s)	18/10/2016	07/03/2017	1 1	1 07/12/20	16 Not Known	Musculoskeletal pain,Heart failure,Vomiting,Ataxia,Stiff gail,Death,Localised pain NOS (see other 'SOCs' for specific pain),Pyrexia,Neurological symptoms NOS,Muscle spasm NOS	Not Known	prior to socination fit active dog who had no previous health problems. Approx 2 months after vaccination signs ratherd: 17/12/105 leading to 21/12/106 began with facial muscle pasm and vomiting 13/12/16 attack: stiff gait seen by vet and diagnosed with tetanus at haliam veterinary centre Sheffleet 14/12/16 given tetanus and toxin for progressive wonsering enurological symptoms: 16/12/11 admitted to price veterinary centre in derby due to pad projession of neurological symptoms: 173 15 died of multiorgan failure after hyperpyrexia and cardiac arrest secondary to presumed tetanus	German Wire- haired Pointing Dog	30	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,first dose on 18/10/16 second dose administered 15/11/2016 (18/10/2016-N/A) 	O1 - Inconclusive	Time association is not strong (almost two months) and neurological signs are not expected. The vet and diagnosed with tetanus. Product association cannot be discounted but other concomitant medical conditions are more likely to be the cause of death.
NOBIVAC L4	UK-VMD-1029/16	United Kingdom	Animal	Canine/dog	1.4 Year(s)	05/03/2016	09/03/2016	1 1	0 06/03/20	Known, BR > BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Diarrhoea, Vomiting, Anorexia	Not Known	Diarrhoes, emesis and anoresis 24 hours post vaccination. Unspecified treatment given, signs still ongoing 4 days later when report submitted.	Crossbred	9.5	Nobivac DHP - 1,N/A,N/A, 24,Given vaccines on 5th March (05/03/2016-N/A)-BR-BR-Nobivac KC - 1,N/A,N/A, 24,N/A (05/03/2016-N/A)-BR-CBR-Nobivac L4 Suspension for pigection for Dogs - 1,N/A,N/A, 24,N/A (05/03/2016-N/A)-BR>-	B - Possible	Close time association, these signs might be seen post vaccination. Multiple vaccines administered concurrently.
	UK-VMID-1032/17	United Kingdom	Animal		1.33 Year(s)	20/02/2017	27/02/2017	1 1	0 20/02/20	Known,
 Not Known</br 	Angioedema,Facial rash (For urticaria see Immune SOC),Pruritus	Not Known	Aegioedema & Urticarial lesions on face/muzzle, pruritus, less than one hour after vaccination, recovered after one hour.	Flat-coated Retriever	37.2	Nobivac DHP - 1,N/A,N/A, 24,N/A (20/02/2017-N/A)-BR->BR-Nobivac 45 suspension for injection for pos- 1,N/A,N/A, 24,DHP & L4 mixed in a sterile syringe and sterile hypodermic needle for subcutaneous injection thereof (20/02/2017-N/A)-BR>-SBR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1035/16	United Kingdom	Animal	Canine/dog	8.82 Year(s)	07/03/2016	09/03/2016	1 1	0 08/03/20	16 Not Known	Injection site swelling,Injection site pain,Trembling,Depression,Shaking	Not Known	Muscle tremors, shaking, lethargy, injection site swelling and injection site pain within 12 hours post vaccination. Unspecified treatment given leading, outcome unknown.	Yorkshire Terrier	9.5	5 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ML VIAL GIVEN (07/03/2016-N/A) 	B - Possible	Close time association, some of the signs can be expected.
NOBIVAC L4	UK-VMD-1046/17	United Kingdom	Animal	Canine/dog	12.17 Year(s)	28/02/2017	28/02/2017	1 1	0 28/02/20	Known, <br< td=""><td>Lethargy (see also Central nervous system depression in "Neurological"),Trembling</td><td>Not Known</td><td>Lethargy and trembling 2 hours after administration of vaccine. Reaction duration one hour approx</td><td>Miniature Dachshund</td><td>4.8</td><td>Nobivac DHP - 1,N/A,N/A,N/A,N/A (28/02/2017-N/A)cBR-cBR-Nobivac L4 Suspension for injection for pos- 1,N/A,N/A,N/A,1 vial, part of annual vaccination, also given Nobivac DHP, wm - 01708/4513, batch number=A105001 (28/02/2017- N/A)cBR- </td><td>B - Possible</td><td>Timing/clinical signs suggest product involvement. Two products administered</td></br<>	Lethargy (see also Central nervous system depression in "Neurological"),Trembling	Not Known	Lethargy and trembling 2 hours after administration of vaccine. Reaction duration one hour approx	Miniature Dachshund	4.8	Nobivac DHP - 1,N/A,N/A,N/A,N/A (28/02/2017-N/A)cBR-cBR-Nobivac L4 Suspension for injection for pos- 1,N/A,N/A,N/A,1 vial, part of annual vaccination, also given Nobivac DHP, wm - 01708/4513, batch number=A105001 (28/02/2017- N/A)cBR- 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered

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NOBIVAC L4	UK-VMD-1050/16	United Kingdom	Animal	Canine/dog	12.5 Year(s)	07/05/2014	10/03/2016	1 1	0 23/07/201	5 Not Known, BR > BR>BR> Not Known	Pemphigus foliaceus	Not Known	Pemphigus foliaceus starting within 30 days of Nobivac DHP and L4. Signs persisted for at least 6 months. Outcome is unknown. No further information.	Crossbred	9.5	,N/A,N/A (07/05/2014- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (07/05/2014- N/ALSBR>	1 - Inconclusive	Vaccines may be a trigger in autoimmune diseases such as pemphigus but there is no conclusive evidence to support this in this case.
NOBIVAC L4	UK-VMD-1055/17	United Kingdom	Animal	Canine/dog	3 Month(s)	28/02/2017	28/02/2017	1 1	0 28/02/201	7 Not Known,
BR> Not Known</br 	Diarrhoea, Injection site pain	Not Known	Diarrhoea and pain at injection site one hor after vaccination approx and recovered after one hour approx	Crossbred	1.3	Nobivac DHP - 1,N/A,N/A,N/A,N/A B - (28/02/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial given (28/02/2017-N/A) <	- Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-1062/18	United Kingdom	Animal		2.67 Year(s)		16/02/2018	1 1	0 15/02/201		Vomiting	Not Known	Vomiting 20 minutes after injection given, continued intermittently until next day, cerernia injection given to prevent vomiting-awaiting results. Vomiting lasted for 2 days	Pug	7.65	for Dogs - N/A,N/A,N/A,N/A,2nd Vaccine Given (15/02/2018- N/A) 	- Probable	Timing/clinical signs suggest product involvement. One product administered.
	UK-VMD-1069/17	United Kingdom	Animal	Canine/dog	5.5 Year(s)	25/02/2017	01/03/2017	1 1	0 25/02/201	7 Not Known	Vocalisation,Injection site pain	Not Known	Injection site pain - screamed for approx 1 minute after vaccination	Crossbred	4	for Dogs - 1,N/A,N/A ,24,N/A (25/02/2017-N/A) BR> 	- Probable	Timing/clinical signs suggest product involvement.
NOBIVAC L4	UK-VMO-1073/18	United Kingdom	Animal	Canine/dog	1.32 Year(s)	16/02/2018	16/02/2018	1 1	0 16/02/201	B Not Known, BR ×BR>KBR>KBR> Not Known, BR ×BR>KBR> Not Known,	Swollen mouth, Skin inflammation NOS, Swelling around eye, Facial swelling (see also 'Skin')	Not Known	Facial swelling around eyes and muzzle, inflammation of skin, other clinical parameters within normal limits. Signs started less than one hour after vaccination. Outcome unknown.	Crossbred	4.15	Nobivac DHP - N/A,N/A,N/A A/A,One dose of Nobivac DHP/L4 + KC given as booster, (15/02/2018- N/A)+BR->BR->Nobivac KC N/A,NA,N/A,NA/A/A (15/02/2018- N/A)+BR->BR->Nobivac KC Suspension for Injection for Dogs- N/A,NA/RA/A,N/A/A (15/02/2018- N/A)+BR->BR->N/A,NA/A (15/02/2018- N/A)+BR->BR->N/A,NA/A (15/02/2018- N/A)+BR->BR->	- Possible	Triming/clinical signs suggest a possible hypersensibility-jamphylatic reaction to the vaccine, 3 administered concurrently
NOBIVAC L4	UK-VMD-1074/16	United Kingdom	Animal	Canine/dog	10 Week(s)	07/03/2016	11/03/2016	1 1	0 07/03/201	6 Not Known,
 Not Known</br 	Periorbital oedema,Facial oedema,Lip oedema (see also 'Skin')	Not Known	Facial allergic codema including periorbital cedema and swollen lips starting within 2 hours of vaccination. Treatment with Decadreson and chlorphenamine resolved signs within 24 hours. No further information.	Gordon Setter	7.8	Nobivac DHP - 1,N/A,N/A,24,N/A B - (07/03/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (07/03/2016-N/A) 	- Possible	Clinical signs are consistent with a possible hypersensitivity reaction but another product was used and other causes cannot be completely excluded.
NOBIVAC L4	UK-VMD-1076/15	United Kingdom	Animal	Canine/dog	2 Month(s)	13/02/2015	13/03/2015	1 1	0 14/02/201	S Not Known, BR >BR>ER> Not Known, BR >BR>ER Not Known	Diarrhoea	Not Known	Diarrhoes 24 hours port vaccination. Recovery 3 days later. Diarrhoea recurred 2 weeks later following a 2nd dose of Nobivac DHP and then recurred again 2 weeks after that following Nobivac L4 2nd dose.	Labrador Retriever	5.3	Nobise CHP - 1.N/A.N/A 3.4/nobise dip A081C01.28.9.16 LEFT0 4 A023A02.31.8.17-6R-NENNEL COUGH A060802.30.9.16 [13/02/2015- 27/02/2015/6RS-GR-Nobise KC - 1.N/AN/A - 2.A/N/A (13/02/2015- 1.N/	- Possible	Close time association and occurred on more than one occasion. Other factors are possible.
NOBIVAC L4	UK-VMD-1082/16	United Kingdom	Animal	Canine/dog	7.84 Year(s)	05/02/2016	11/03/2016	1 1	0 19/02/201	6 Not Known,
 >KBR> Not Known</br 	Chemosis,Conjunctivitis	Not Known	Conjunctivitis and chemosis in both eyes starting lid days post Nobbac KC and Lepto 4. An unknown treatment was given. Signs persisted for at least 6 days, outcome unknown. No further information.	English Cocker Spaniel	19.2		- Unlikely	Onset prolonged and signs are not expected. Product involvement deemed unlikely.
NOBIVAC L4	UK-VMD-1085/17	United Kingdom	Animal	Canine/dog	7.7 Year(s)	17/02/2017	02/03/2017	1 1	0 01/03/201	7 Not Known,
 Not Known</br 	Injection site serous discharge,Injection site swelling	Not Known	swelling at Injection site, 150-200ml serous fluid removed, signs appeared 12 days after vaccination, outcome unknown	Crossbred	Not Known	ml 1 Animal (17/02/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Full vial of vaccination (17/02/2017- 17/02/2017-BR> 	- Possible	Temporal association is strong. Product may be a factor and cannot be completely excluded. Two products involved
NOBIVAC L4	UK-VMD-1085/18	United Kingdom	Animal	Canine/dog	2.5 Month(s)	15/02/2018	27/02/2018	1 1	0 15/02/201	B Not Known, BR > CBR>CBR> Not Known	Hypersensitivity reaction,Allergic pruritus,Facial oedema,Periorbital oedema,Lethargy (see also Central nervous system depression in 'Neurological'),Conjunctival oedema	Not Known	Suspected adverse reaction within 1 hour of injection on 15 Feb 2018 with Nobixo CHPPPI and 14 there was Narlard facial owelling and puritury approximation prior priority. Computed by a marzub. Depressed but responsive. vitals all normal T = 38.3, P = 200bpm, R = 40bpm Intramuscular clorphenamine 2.5mg and dexadesson Img given. Admitted and monitored overnight, gradual improvement, discharged the next morning. No more information expected. MMH Follow up on 09 March 2018: Conjunctival oedema was added to veddra.	e English Cocker Spaniel	4.1	Nobixac DHPPI, Lyophilisate for Suspension for Injection for Dogs - I,N/AN/A J.O.I ml Unknown 1 Animal (15/02/2018- 15/02/2018)-BR>-BR>Nobixac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A (15/02/2018- 15/02/2018)-BR>-BR>	- Possible	Close time association to reaction and known adverse event, two product administered
NOBIVAC L4	UK-VMD-1089/18	United Kingdom	Animal	Canine/dog	5.67 Year(s)	21/01/2018	21/02/2018	1 1	0 21/01/201	8 Not Known	Diarrhoea, Vomiting, Disorientation, Anuria, Appetite loss, Unsteady gait, Shaking, Sleepiness - systemic disorder	Not Known	On 21 Jan 2018 the dog was vaccinated with Nobboa L4. Within 6 hours the dog had projectile vomitting, was unstady walking, no papette, very sleepy, didn't pass water for a full 24 hours, discriented, shakes, diarrhoea, tried to take in water but vomited its straight back up. The clinical signs lasted for 5 days. No information on treatment. Nothing further. MM4 Tollow up 21 leb 2018. Changed the Veddra dates from 23 at not 28 han as per marker be 12 Jan to 25 jan 2018.	Cavalier King Charles Spaniel	11.8	Nobivac L4 Suspension for Injection B - for Dogs - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (21/01/2018- 21/01/2018)<-BR> 	- Possible	Although nature and duration of clinical signs is unexpected - product involvement is possible.
NOBIVAC L4	UK-VMD-1093/18	United Kingdom	Animal	Canine/dog	1.25 Year(s)	17/02/2018	17/02/2018	1 1	0 17/02/201	8 Not Known, BR > BR>BR> Not Known, BR > BR> Not Known	Vomiting Facial swelling (see also 'Skin')	Not Known	On 17 Pe J 2018 the dog was vaccinated with Nobbec DRP, I4 and Kr. Within 30 minutes of vaccination the dog vorniting once and had swelling to the muzzle. The clinical signs lasted for 1 day. Nothing further.	Crossbred	4.1	Nobivac DHP - 1,N/A,N/A, 24,N/A (17/02/2018: BTS-SRS-Nobivac KC - 1,N/A,N/A, 24,N/A (17/02/2018- N/A)-BR-SRS-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,N/A (17/02/2018- 1/7/02/2018	- Possible	Timing and clinical signs suggest hypersensitivity reaction. Three products used.
NOBIVAC L4	UK-VMD-1095/16	United Kingdom	Animal	Canine/dog	3 Month(s)	15/02/2016	18/03/2016	1 1	0 02/03/201	6 Not Known,
 >OT Not Known</br 	NT - granulomatous lymphadenitis	Not Known	Poggranulomatous lymphadentis (ventral neck) noted 16 days post vaccination. No other signs, Treatment with Synulox and Metazam. Outcome unknown.	German Shepherd Dog	11		1 - Inconclusive	Clinical signs are not expected and the onset is prolonged although it is possible that the product was involved.
NOBIVAC L4	UK-VMD-1110/15	United Kingdom	Animal	Canine/dog	3.5 Year(s)	23/02/2015	17/03/2015	1 1	0 02/03/201	5 Not Known	Injection site swelling, Pyrexia	Not Known	Injection site swelling and pyrexia 1 week post vaccination. Treated with antibiotics and NSAIDs, outcome unknown. History of a similar reaction post vaccination 1 year previously.	Crossbred	18.4	Nobivac L4 Suspension for Injection A- for Dogs - 1,N/A,N/A ,24,N/A (23/02/2015-N/A) <	- Probable	A close time and anatomical association, a known adverse event and occurred in 2 separate occasions.

NOBIVAC L4	UK-VMD-1111/15	United Kingdom	Animal	Canine/dog	3 Month(s)	05/03/2015	17/03/2015	1 1	0 05/03/201	5 Not Known,
 Not Known,
 Not Known</br </br 	Facial swelling (see also 'Skin')	Not Known	Allergic oedema around the eyes within 6 hours post vaccination. Recovery 12 hours later following unspecified treatment.	Labrador Retriever	9.8	Nobivac DHP - 1,N/A,N/A, 24,s/c, intra-nasal (05/03/2015- N/A):-BR>-Nobivac K- 1,N/AN/A, 24,N/A (05/03/2015- N/A):-BR>-BR>-Nobivac L4 Suspension for injection for Dogs- 1,N/AN/A, 24,N/A (05/03/2015- N/A):-BRS-BRS-Nobivac	B - Possible	Close time association, possible hypersensitivity reaction. More than one product given.
	UK-VMO-1123/15	United Kingdom	Animal		8.67 Year(s)		24/03/2015	1 1	1 13/03/201	5 Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Death,Gastric perforation,Gastric ulcer,Yomiting,Peritonitis,Circulato y collapse (see also 'Neurological' and 'Systemic disorders')	Not r Known	Emeis and collapse 13 days after start of administration and concurrent vaccination. Blood tests and imaging confirmed pertonitis. Exploratory laparotomy showed a perforated gastric ulcer. Death at the end of surgery.		33.85	Nobino CHP - 1.N/A./N/A. 24,1 dosage form (02/03/2015- N/A)-BRBR-Nobino L4 Suspension for Injection for Dogs - 1.N/A./N/A. 24,4 dosage form (02/03/2015- N/A)-BRBR-Previcox 227 mg Chewable Tablets for Dogs - 6.7.1,1 Day-5,6.7 mg/kg sid (11 Day(5) 07/03/2015-N/ALBR->BR>	No assessment performed	
	UK-VMD-1123/18	United Kingdom	Animal	Canine/dog	1 Year(s)	06/02/2018	19/02/2018	1 1	0 08/02/201	8 Not Known, BR >BR>BR>CBR Not Known	Injection site swelling	Not Known	2 days after vaccination, there was a Subcutaneous swelling in scruff region, non painful to paljate. Patient is well otherwise. Reaction duration not recorded, no treatment recorded.	English Springer Spaniel	18	Nobiva CHP - 1.N/A.N/A. N/A.One vial of each vaccinations given subcutaneous in scruff region (06/02/2018-06/02/2018)-BR>-Nobivac L4 Suspension for Injection for Dogs-1.N/A.N/A.One vial of each vaccinations given subcutaneous in scruff region (06/02/2018-06/02/2018-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>-BR>	B - Possible	close time association and known common reaction to vaccination. 2 products given together.
	UK-VMD-1128/18	United Kingdom	Animal	Canine/dog	3 Month(s)		21/02/2018	10 1	0 17/02/201	Known,
 Not Known</br 	'Skin'),Pruritus,Pinnal oedema,Pinnal irritation,Self trauma	Not Known	On 17 Feb 2018 the dog was succinated with Nobbus CHPPP and L.4. Within 2 hours of vaccines the do- became excessively printife, muzile and a prinan became vowled, been scratching his ears to the point he's ripped his skin open and caused a severe secondary skin infection with yellow puz coming out of his ear prina (ear canals themselves look relatively ok). No further information. MMH Follow 12 Teb 2018. Added Vedra term self trauma MAH Follow up 21 Feb 2018. Added Vedra term self trauma	g Crossbred	6	Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs - 1.N/A.N/A.10.1 ml (17/02/018- N/A) Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A.10.1 ml 1 Animal 11/102/2018-N/AI-BR>>	B - Possible	Timing and clinical signs suggest hypersensitivity reaction with secondary complications. Two vaccines given.
NOBIVAC L4		United Kingdom	Animal		2.42 Year(s)	04/02/2016	16/03/2016	1 1		6 Yes, <b R>>BR> Yes, </b 	Claw / hoof / nail disorder NOS	No Data	Nail disorder (acute onset brittleness of nails leading to breakage and pain, and now generalised onchydystrophy hish of 94ps of vacciation. Suspected to have immune mediated origin by dermatologist. No previous reaction. Outcome unknown.	English Cocker Spaniel	12	routine vaccine using DHP/L4 combined by s/c inj and intranasal KC (04/02/2016-N/A) - N/A) - RN- - N/A) - N/A) <b< td=""><td>O1 - Inconclusive</td><td>Clinical signs unusual and unexpected, however due to a relatively doct emporal association a product related reaction cannot be ruled out.</td></b<>	O1 - Inconclusive	Clinical signs unusual and unexpected, however due to a relatively doct emporal association a product related reaction cannot be ruled out.
	UK-VMD-1147/18	United Kingdom	Animal	Canine/dog	2.32 Month(s)	16/02/2018	27/02/2018	1 1	0 16/02/201	Known,
 Not Known</br 	rolling back	Not Known	Saspected adverse reaction: within 12 hours of vaccination on 16 Feb 2018 with Nobivac DIP and L4, the puppy was in lateral recumbency, bestimiting very first and very solide back and could not be wakened even when water put on puppy. Owner phoned out of hours service and took put in for examination but over the period from the phone call to arrival at the surgery puppy had recovery and was clinically normal. Reaction duration 45 minutes. No More information expected. MAH Follow up 27 Feb 2018 set as serious, added eyes rolling back. VMD comment 13/03/18: amended to serious and veddra term added.	Border Collie		Nobivac DHP - 1,M/A,N/A, N/A,vaccine vial approx 1-2 ml (1 Month(s) 15/02/2018- N/A/-BR- <br-nobivac (15="" 02="" 1="" 1,n="" 2018-="" a)-br-sbr-<="" a,1="" a,n="" animal="" applicable="" dogs-="" for="" l4="" ml="" n="" nipection="" not="" suspension="" td=""><td>B - Possible</td><td>close time association with vaccination, possible hypersensitivity/anaphylactic reaction although time to onset is quite long for an anaphylactic reaction response</td></br-nobivac>	B - Possible	close time association with vaccination, possible hypersensitivity/anaphylactic reaction although time to onset is quite long for an anaphylactic reaction response
NOBIVAC L4	UK-VMD-1154/16	United Kingdom	Animal	Canine/dog	5.42 Year(s)	18/02/2016	17/03/2016	1 1	0 18/02/201	6 Not Known, GBR > GBR>CBR> Not Known	Injection site pain	Not Known	Injection site pain starting 4 days after Noblwac DHP and L4. Recovery following prednisolone. Unknown if previously vaccinated. No further information.	Beagle	18.4	Nobivac DHP - N/A,N/A,N/A N/A,nijected L4 vaccine s/c in scruff of neck (18/02/2016- N/A,PBR>-BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A(18/02/2016- N/A,BR>-BR>	B - Possible	Onset is prolonged and other causes of neck pain exist therefore product involvement cannot be confirmed. Two products were used.
NOBIVAC L4	UK-VMD-1155/17	United Kingdom	Animal	Canine/dog	3.17 Year(s)	03/03/2017	03/03/2017	1 1	0 03/03/201	7 Not Known,
 Not Known</br 	Neck writhing,Lethargy (see also Central nervous system depression in 'Neurological'),Lameness	Not Known	Lethargy, stiffer around neck, occasionally holding up right fore, signs appeared 1 hour after vaccination and lasted 1 day approx. Had previous exposures with no reactions.	Jack Russell Terrier	7.7	Nobivac DiPI - N/A,N/A,N/A N/A,DHP vaccine reconstituted with Lepto 4 vaccine and injectic and injected subcutaneously (03/03/2017- N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (03/03/2017- N/ALRB>ERFA	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1158/17	United Kingdom	Animal	Canine/dog	4.25 Year(s)	18/01/2017	15/03/2017	1 1	0 22/01/201	7 Not Known	Lethargy (see also Central nervous system depression in "Neurological"),Trembling,Exercise intolerance,Not eating,Decreased drinking,Diarrhoea,Vomiting	Not Known	Vomittie, not eating, lethargy, barely drinking, watery diarrhoea, trembling and worn out after exercis from 4 days after vaccination. No previous exposure. Recovery with supportive care after 14 days. Nothing further.	Golden Retriever	41	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (18/01/2017-18/01/2017) BR> 	A - Probable	Timing/signs consistent with probable product involvement.
NOBIVAC L4	UK-VMD-1159/18	United Kingdom	Animal	Canine/dog	14.17 Year(s)	31/01/2018	21/02/2018	1 1	0 01/02/201	8 Not Known, BR > BR>CBR> Not Known		Not Known	within 24 hours of vaccination, the dog had lethargy and inappetance lasting for 4 days. No treatment recorded.	Golden Retriever		Nobivac KC - N/A,N/A,N/A,N/A,N/A (31/01/2018-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs 1,1,1 Years,N/A,1 Vial once per year (31/01/2018-N/A) >BR>		known vaccination reaction and close temporal association the product being given. 2 products given concurrently.
	UK-VMD-1162/17	United Kingdom	Animal	,,,,	2.15 Year(s)	05/06/2016	04/03/2017	1 1	0 24/06/201	6 Not Known,
 Not Known</br 	Epileptic seizure,Seizure NOS	Not Known	My dog Rolo started to have a seizure at 4.43sim in the morning which lasted approx. 5 minutes. He had never had any problems before this injection. Onset time is 19 days according to the report. Owner took him to the emergency night vet. The dog has since had further seizures and has been put on epileptic medication, which made him worse.	Cavalier King Charles Spaniel	11	,N/A,N/A (05/06/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A,yearly vaccine dose by injection (05/06/2016- N/AlkBR> 	O1 - Inconclusive	Temporal association is not strong [19 days) and signs are not expected after vaccination. Product may have played a role, however, some preexisting condition cannot be ruled out as cause of signs. Two vaccines administered
NOBIVAC L4	UK-VMD-1163/17	United Kingdom	Animal	Canine/dog	5 Year(s)	05/11/2014	05/03/2017	1 1	1 01/01/201	5 Not Known	Anxiety,Behavioural disorder NOS,Death by euthanasia,Confusion,Seizure NOS	Not Known	Periods of unusual behaviour uluring 2015 - anxious, nervous, confused. Had a further vaccination with Nobbace L4 in November 2015. In 2016 stanted cluster settings, stict duster in Method consisting of 6 settures in 18 hours. Treated with Pession and Phenobarbital to no effect. By December 2016 he had had 9 clusters with a total of one 90° 10 setures. A ultrier vaccination with Nobbace L4 on 6th December 2016. 12 days let a call set of 18 setures in 48 hours, a which stare as cluster of 18 setures in 48 hours, at which stage we decided with the Vet to euthange him. Nothing further.		7	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A N/A,Vaccinations: 5/11/2014, 11/2015,6/12/2016. (05/11/2014- 06/12/2016) -BR> -BR>	O - Unclassifiable/unassessa ble	Poor time association. No information on investigations in to underlying cause of selzures and no PME. Progression of disease suggests underlying disease process, however product involvement cannot be completely excluded on the basis of the available information.

NOBIVAC L4	UK-VMD-1168/18	United Kingdom	Animal	Canine/dog	3.5 Year(s)	04/03/2017	27/02/2018	1	1 0	15/01/2018	Not Known, BR >BR>BR>BR> Not	Lack of efficacy (bacteria NOS)	Not Known	On 9 Feb 2016 the dog was vaccinated with Nobivac L4 and DHPPI. On 8 Mar 2016 the dog was vaccinated again with Nobivac L4. On 4 Mar 2017 the dog was vaccinated with Nobivac L4 and Nobivac PI. On 15 Jan 2018 the dog had inappropriate urination, haemarturia, Jethargy and hyporesia. Leptosprosis was solated in patient urine following referent a DRVS. No further information	Crossbred	6.1	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (09/02/2016-	B - Possible	Although serovar confirmation has not been provided, lack of efficacy is possible in this vaccinated dog due to detection of leptospira in patient urine.
											Known, >R> Not Known			available. MAH Follow up 27 Feb 2018 Changed products to Nobhvac DHPPI and PI as suspect due to local guidelines			N/A)-BRBRN-Oblivac L4 Suspension for Injection for Dogs - 1.N/A,V/A, 24-Pet was vaccinated with L4 (04/03/2017-04/03/04/03/04/04/03/04/04/04/04/04/04/04/04/04/04/04/04/04/		
NOBIVAC L4	UK-VMD-1187/17	United Kingdom	Animal	Canine/dog	4 Month(s)	06/03/2017	06/03/2017	1	1 0	06/03/2017	Not Known,
 Not Known</br 	Erythema (for urticaria see Immune SOC),Periorbital oedema	Not Known	Acute periocular swelling both eyes with erythema within 2 minutes of vaccination. No previous exposure. Treated with chloramphenamine IM. Signs improved after 10 minutes. Outcome unknown.	Chihuahua	1.7	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (06/03/2017- N/A)-8R>-8R>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (06/03/2017- N/A)-8R>-8R>	B - Possible	Timing/signs consistent with product sensitivity reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-1190/17	United Kingdom	Animal	Canine/dog	6 Year(s)	01/12/2015	05/03/2017	1	1 0	02/12/2015	Not Known	Jaw paint, Iher disorder NOS, Cardiuc disorder NOS, Diarrhoea, Yomiting, Adipsia, Pa riting, Anorexia, Letharipy (see a loc Central nervous system depression in Neurological'), Localised pain NOS (see other 'SOS' for specific pain, Brain disorder NOS, Hair loss NOS, Skin disorder NOS, Swillen mouth, Transient blindness, Behavioural disorder NOS	Not Known	Vomitting, orange disarrhoes, tenderness in limbs, face and jaw, riflammation of heart, liver, brain, swollen month, fin loss and sin weeping, tethargy unable of earth and risk, heavy parting, intermit blindness (initially blind for a month) change in behaviour with no previous (ginned vet up against the wall) starting within 6 hours of vaccination. No previous exposure. Treated with steroids and tramado Outcome unknown. Nothing further.	Rottweller it	52	Nobbac L 4 Supersion for Injection for Dogs - NA-Not Dogs - NA-Not Not Not Not Not Not Not Not Not Not	O - Unclassifiable/unassessa ble	Many of the signs are unexpected. Onset of signs and diagnostic tests not lear. Other cuses likely, but product involvement cannot be excluded on the basis of available information.
NOBIVAC L4	UK-VMID-1204/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	02/02/2017	18/03/2017	1	1 0		Not Known, -BR -SBR>-BR>- SBR>-BR>- Not Known, -BR > -BR>- Not Known	Lymphadenopathy, Decreased packed cell volume packed cell volume (PCV), Regenerative anaemia	Not Known	Generalized lymphoadenopathy, regenerative ansemia, decreasing haematocrit within 6 days of first vaccination and unknown time after finederful. No previous exposure. Recovery after 6 days without tratement. No reaction to subsequent second vaccinations. Nothing further.	American Bulldog	6	Endectrid 100 mg + 25 mg Spot-on Solution for Medium Dogs - N/AN/AN/A N/ASeveral days after vaccination (N/A- N/A)-8B8-58B-Nobbiac DHP - JA/AN/A, 10,06me 1020/127 (DHP mixed w/ L4 to provide 1mt dose) and 23/02/12 (Ioone), (20/20/2017- 23/02/2017-8B8-4B8-Nobbiac L4 Suppression for injection for Dogs - 1JA/AN/A, 10,06me 102/02/17 (DHP mixed w/ L4 to provide 1mt dose) and 03/03/12 (Ioone) (02/02/2017- 03/03/2017)-6B8-6BP-	B - Possible	Timing/signs consistent with possible vaccine reaction. Multiple products administered.
NOBIVAC L4	UK-VMD-1207/15	United Kingdom	Animal	Canine/dog	2.26 Month(s)	19/03/2015	26/03/2015	1	1 0	19/03/2015	Not Known,
 Not Known</br 	Lack of response to owner,Recumbency,Reduced reflexes,Anorexia,Malaise,Shivering	Not Known	Muscle tremor, ancreais, malation, recumbency and lack of response to stimuli less than 1 hour after succination with Nobbia CRIP and L4. Recovery in 6 hours after unknown treatment. No further information expected.	Chihuahua	0.84	Nobivac DHP - 1,N/A,N/A, 24,1 dosage form - 1 gave the standard single Dose of DHP and 14, mixed together in a single syringe (12/03/2)015- 19/03/2015-08R8B7-Nobivac L4 Suspension for Injection for Digs - 1,N/A,N/A, 24, dosage form - 1 gave the standard single Dose of DHP and 14, mixed together in a single syringe (19/03/2015- a 19/03/2)015- 10/03/2015- 10/03/2015- RBP-	B - Possible	Clinical signs and onset may be consistent with product reaction.
NOBIVAC L4	UK-VMD-1215/15	United Kingdom	Animal	Canine/dog	3.17 Year(s)	18/03/2015	24/03/2015	1	1 0		Known,
 ></br 	Cough, Lethargy (see also Central nervous system depression in "Neurologica"), Respiratory signs, Nasal discharge	Not Known	(Upper) respiratory signs, thierits, coughing, lethargy within 4 days of vaccination. Duration of 4 days, no treatment given. Nothing further, assumed recovery.	Chihuahua	3.6		No assessment performed	
NOBIVAC L4	UK-VMD-1228/17	United Kingdom	Animal	Canine/dog	2 Month(s)	01/03/2017	08/03/2017	1	1 0	01/03/2017	Not Known,
 Not Known</br 	Shivering.Shaking.Anorexia,Lethargy (see also Central nervous system depression in "Neurological"),Malaise	/ Not Known	Quiet, shivering, shaking, annexic and wouldn't play within 6 hours of vaccination. No previous exposure. Recovery within 24 hours without treatment. Nothing further.	Crossbred	2	Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs - I.N/A,N/A, 24,N/A (01/03/2017- N/A) -OBN-Nobivac L4 Suspension for Injection for Dogs - I.N/A,N/A, 24,1 dose (01/03/2017- N/AISRS-SRA	B - Possible	Timing/signs consistent with product involvement.
NOBIVAC L4		United Kingdom	Animal		3 Month(s)	08/03/2017	08/03/2017	1		08/03/2017	Known,
 Not Known</br 	Swollen ear canal, Swollen eye, Abnormal breathing	Not Known	Swollen eyes and ears. Breathing raspy less than 6 hours after vaccination. Outcome unknown.	Pug	-	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (08/03/2017- N/A)-8R> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A (08/03/2017- N/A)-8BS>&RS>	No assessment performed	
	UK-VMD-1241/15	United Kingdom	Animal	Canine/dog	3 Year(s)	17/03/2015	26/03/2015	1	1 0	17/03/2015	Yes	Colitis, Diarrhoea, Haemorrhagic diarrhoea, Mucous stool	No Data	Diarrhoea less than 12 hours after vaccination. Progression to haemorrhagic, mucoid diarrhoea and collids 5 days post vaccination. Prior history of intermittent collids. Treatment with Colvasone and Promax. Outcome unknown, no further information expected.	Crossbred		for Dogs - 1,N/A,N/A ,24,1 ml (17/03/2015-17/03/2015) 	O1 - Inconclusive	Cannot exclude product involvement but history of intermittent collits and becoming extremely stressed at the vet"s complicates assessment. Possible multifactorial aetiology.
NOBIVAC L4	UK-VMD-1244/16	United Kingdom	Animal	Canine/dog	8.33 Year(s)	18/03/2016	23/03/2016	1	1 0	18/03/2016	Yes, <b R> >BR>Yes</b 	Vomiting, Pruritus, Skin warmth, Restlessness	No Data	Generalized pruritus, skin warmth (ears and abdomen), restlessness and emests within 2 hours of vaccination. Treated with antiblisamines, fully recovered by the following day. Has received vaccinations annually, but no reaction previously. Nothing further.	Miniature Schnauzer	11.2	Nobivac DHP - 1,N/A,N/A,24,1 dose of combined DHP and Lepto 4 (18/03/2016-N/A) -RR>-RR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,24,1 dose of combined DHP and Lepto (18/03/2016-N/A) >-RR>	B - Possible	Timing and clinical signs suggestive of product related reaction; two products used.

NOBIVAC L4	UK-VMD-1247/16 UK-VMD-1256/15	United Kingdom	Animal	Canine/dog	1.79 Year(s)	22/03/2016	23/03/2016	1	1 0 :	22/03/2016	Yes, CBR > CBR >	Facial swelling (see also 'Skin'),Increased respiratory rate Injection site swelling	No Data	Facial swelling and tachypnose within 2 hours of vaccination. Did have access to outdoors so could not use out insect that No previous reaction. Recovery within 2 hours following treatment with antihistamines, although mild swelling still present. Nothing further. Injection site swelling within 24 hours post vaccination. Recovery 7 days later following unspecified	tt Pug West Highland	9	Nobiac DHP - 1.M/A.N/A, M/A.One val of the prince with 14 and injected sc-GRR-Nobiac KC vacc given intransasily (22/03/2016-N/A)-GRB-GRR-Nobiac KC - N/A.N/A.N/A N/A.N/A (22/03/2016-N/A)-GRB-GRR-Nobiac LG - Suspension for Injection for Dogs-1.N/A.N/A, N/A.N/A (22/03/2016-N/A)-GRB-GRR-Nobiac LG - Nobiac LG - Suspension for Injection for Injection Nobiac LG - Suspension for Injection for Injection	B - Possible A - Probable	Three vaccinations administered, more likely to be the subcutaneous injection than the K. Dowever consider all as possible causes of the clinical signs. This is a known adverse effect and occurred with a
		United Kingdom	Animai	Canine/dog	1.4 Year(s)	04/02/2015	26/03/2015	1	1 00	04/02/2015	Not Known	Injection site swelling	Known	treatment. This occurred on 2 separate occasions 4 weeks apart.	West Highland White Terrier	6.7	Nobivac L4 suspension for Injection for Dogs - 1,1,4 Weeks,24,2 injections 4 weeks apart (04/02/2015-25/02/2015) 	A - Probable	This is a known adverse effect and occurred with a close time association.
	UK-VMD-1256/18	United Kingdom	Animal	Canine/dog	Month(s)	20/02/2018	26/02/2018	1			Not Known, BR > BR>BR> Not Known	Hypersensitivity reaction,Facial oedema,Hyperexcitation	Not Known	less than 1 hour after vaccination there was Oedema of face, hyperexcitation. No dyspnoea. Reaction duration 1 hour, 0.5ml chlorphenamine given iv. Then clinical signs subsided over next 40 minutes.	Shih Tzu		,N/A,Single dose vaccination as initial part of vaccine course (20/02/2018-N/A) Nobivac L4 Suspension for Injection for Dogs N/A,N/A,N/A,N/A,N/A (20/02/2018- N/A) 	B - Possible	known vaccination hypersensitivity response, shortly after vaccine given. 2 products used concurrently.
NOBIVAC L4		United Kingdom	Animal	Canine/dog		26/02/2016	24/03/2016	1		28/02/2016	Known,
 Not Known</br 	Emesis,Anorexia	Not Known	Emesis and anorexia starting within 2 days of Noblwac DHP and Lepto 4. No treatment was given. Sign persisted for at least 5 days but outcome is unknown. No further information.	Spaniel	12.8	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (26/02/2016- N/A) -Nobiwac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,Single dose of vaccine as annual booster (26/02/2016-N/ALBR>-BR>	O1 - Inconclusive	Onset of 48 hours is prolonged and other causes exist. There was also another vaccine given concurrently.
	UK-VMD-1284/17	United Kingdom	Animal			01/03/2017		1	1 0	02/03/2017	Not Known	Haemorrhagic diarrhoea	Not Known	Haemorrhagic diarrhoea started <24 hrs after vaccination given. Outcome unknown.	Bull Terrier	25	for Dogs - 1,N/A,N/A ,24,N/A (01/03/2017-N/A) 	B - Possible	Diarrhoea is consistent with pharmaco-toxicological product profile. Hemorragic diarrhoea is less expected, however, temporal association is very strong. Product may be a factor and cannot be excluded. No other product administered.
NOBIVAC L4	,	United Kingdom	Animal		13 Year(s)	11/04/2016	20/03/2017	1			Not Known	Death,Immune mediated haemolytic anaemia	Not Known	Developed immune mediated haemolytic anaemia approx 4 months after vaccination with Nobivac L4 on 11 April 2016. Reaction lasted 3 weeks and animal died. Vet does not believe the reaction is related to the vaccine. No more information available.	d Canine/dog		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (11/04/2016-N/A) 	O1 - Inconclusive	Temporal association is not strong (4 months). Product may be a contributing factor, however, some preexisting condition may be another plausible cause of the disease
	UK-VMD-1286/17	United Kingdom	Animal		13.5 Year(s)		20/03/2017	1		18/02/2017		Inappetence,Lameness,Hair loss NOS	Not Known	Case received from Veterinary Medicines directorate. Suspected adverse reaction inappetence, hair loss and lame hind legs were observed approx 24 hours after vaccination with Nobivac L4 on 18 Feb 2017. Reaction duration: two weeks. No more information expected	English Springer Spaniel		Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A,1 ml (18/02/2017-N/A) 	A - Probable	Timing/clinical signs suggest product involvement
	UK-VMD-1301/16	United Kingdom	Animal	Canine/dog	2.5 Year(s)	18/03/2016	29/03/2016	2	1 0:	23/03/2016	Not Known,
 Not Known,
 Not Known</br </br 	Sneezing	Not Known	Sneezing immediately after Nobbac KC which had persisted for at least 5 days at the time of reporting Also given Nobbac 14 and DHP at the same time. Outcome unknown. Treatment with Nisamox. No further information.	. Not Applicable	3.2	Nobixac DHP - N/A,N/A,N/A,N/A,N/A,N/A,(18/03/2016- N/A) -CBR>-Nobixac KC - 1,N/A,N/A,N/A,N/A (18/03/2016- N/A) -CBR>-Nobixac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (18/03/2016- N/A,N/A,N/A,N/A,N/A	No assessment performed	
	UK-VMD-1303/17	United Kingdom	Animal	Canine/dog	2.08 Year(s)	06/03/2017	13/03/2017	1			Not Known, BR> >BR> Not Known, BR> BR> Not Known	Periorbital oedema,Swollen lip (see also 'Skin')	Not Known	Swollen lips engarged/solid tissue, area around eyes also swollen within 6 hours of vaccination. No previous exposure. Recovery without treatment after 6 hours. Nothing further.	Crossbred	10	Nobivac DHP - N/,N/A,N/A N/A,N/A (06/03/2017- N/A)&BR-\BR-Nobivac KC - 1,N/A,N/A,N/A,One vial, one off use (06/03/2017-N/A)>\BR>\BR>\Br\bivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A (06/03/2017- N/A)\BR>\BR>	B - Possible	Timing/signs consistent with allergic reaction. 3 vaccines administered.
NOBIVAC L4	UK-VMD-1307/17	United Kingdom	Animal	Canine/dog	1.33 Year(s)	28/02/2017	13/03/2017	1	1 0:	13/03/2017	Not Known	Injection site mass	Not Known	firm mass formed at injection site, plum-sized, 13 days after vaccination. Had previously reacted to the same product. Outcome unknown.	e English Springer Spaniel	20.07	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,initial vaccination 1ml 4 weeks apart, then every 12 months (12 Month(s) 28/02/2017-N/A) 	A - Probable	Clinical signs suggest product involvement. Dog had previously reacted to the same vaccine. No other product administered
NOBIVAC LA	UK-VMD-1307/18	United Kingdom	Animal	Canine/dog	1.82 Year(s)	21/02/2018	26/03/2018	1	1		Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Yes, BR>	depression in Neurological'),Depression,Reluctar to move,Pyrexia,Dehydration,Abnorm al test result,Bruising,Hives (see also 'Skin'),Skin haematoma,Anuria,Hypersensitivity to light,Drinking a lot,Facial swelling (see also 'Skin'),Walking	Not Known	Sight swelling to face appearance if "New" type rash on stomach. Increased over time Vomitting leithrap, is not a pipette, darfinose, but food in loose stook, relutance to walk then unable to walk Undimiting blood when admitted to vets and appearance of Insuling type marks on body noticed by vet. The dgs is still undergoing hospitalization. As of yet we do not know if the will survive this reactions UPDATE 13 MAR 2018 INFORMATION RECEIVED BY THE MARL As reported by the animal owner and the attending veterinary surjection, reliable 2019 the MARL 2018 INFORMATION RECEIVED BY THE MARL As reported by the animal owner and the attending veterinary surjection, reliable 2019 to 18 TES 2018, received NEXCRAD SPECTRA, Liberta during eight unknown) administered orally by the animal owner on the interest of the properties	Crossbred		Antibiotic Unidentified - MA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	O - Unclassifiable/unassessa ble	Multiple drugs given - product involvement cannot be fully discounted.

NOBIVAC L4	UK-VMD-1312/17	United Kingdom	Animal	Canine/dog	10 Week(s)	09/03/2017	13/03/2017	1 1	0 09/03/201	7 Not Known,
 >CBR> Not Known</br 	Stiffness limb,injection site skin change NOS,Hind limb ataxia	Not Known	Tenderness around shoulder blades (assume at injection site) and ataxia/stiffness of back legs one hour after vaccination. Resolved after loxicom injection and time.	Standard Poodle	6.5	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - 1,N/AN/A,N/A/N/A/(09/03/2017-N/A)-RR-SR-SNobivac L4 Suspension for Injection for Dogs - 1,N/AN/A,N/A/N/A(09/03/2017-N/ARR-SR-SR-SNOBIVA-RR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-SR-	- Possible	Clinical signs such as muscle stiffness and tenderness at injection site can be seen after vaccination. Ataxia is not expected, however, temporal association is very close therefore product involvement cannot be excluded. Two products administered
	UK-VMD-1319/17	United Kingdom	Animal	. , , , ,	3.08 Year(s)		13/03/2017	1 1	0 13/03/201	7 Not Known,
 >KBR Not Known</br 	nervous system depression in 'Neurological'),Pruritus,Vomiting	Not Known	vomiting, facial/aural pruntius, pink skin and lethargy less than one hour after vaccination, recovered after three hours approx.	Miniature Schnauzer		Nobivac DHP - 1,N/A,N/A ,N/A,standard vaccine vials (13/03/2017-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,N/A (13/03/2017- N/A) 	- Possible	Timing/clinical signs suggest a hypersensitivity reaction to the vaccine. Two products involved
	UK-VMD-1325/15	United Kingdom	Animal	. , , , ,	9.75 Year(s)		15/04/2015	1 1	0 28/03/201	R×BR>Yes	Abnormal test result,Malaise,Lethargy (see also Central nervous system depression in 'Neurological'),Anorexia,Adipsia,Inj ection site swelling,Injection site abscess, injection site necrosis	No Data	Malaise, anorexia, adipsia within 24 hours of vaccination. Injection site swelling within 48 hours. Treated with NSAIDs. No improvement over the next 6 stays, injection site abscess lanced and debride and treated with antibiotics. The dog was then referred for further treatment. Sent home 5 days later. Beta haemolytic Strep solated on culture.	Crossbred d		(27/03/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 dose given s-c for vaccinati (27/03/2015- N/A) >BR>	- Probable	Timing and clinical signs known to occur post vaccination, therefore product relationship is probable.
NOBIVAC L4	UK-VMD-1346/18	United Kingdom	Animal	Canine/dog	11.5 Year(s)	08/02/2018	05/03/2018	1 1	1 09/02/201	3 Not Known,
 <br Not Known</br </br 	Vomtine, Cholangita, Jaundiec, Deat h by euthansais, Circulatory collapse (see also 'Neurological' and 'Systemic disorders'). Malaise, Partial anonexia, Neurorbhilia, Leucocytosis, Jiepatopathy	Known	Gradual onset from mild malaise starting the next day after vaccination, with occasional vomitting, poor appetiting admissible feteriorating over the next few events to journalize, collapse and death (esthanasis). Treatment started 1 week after vaccination with antibiotics, then more intensive startinement (V)-fulds and mildiblotics in the last 5 days Bloods indicated an increasing WRC count and neutrophilal developing to a huge response, with jundice developing in the last few days No post mortern was performed. No more information expected. MAH Follow up 5 Ahrt 7.018 Added verificat aren Neutrophilal and Leucocytosis and added Products antibiotics and IV fluds. End date from Vedicid was removed for Death by extination as 20 Mar 2018 LAC comment follow jun information if the animal was in good health at the time of vaccination on 08/02/18. The owner notices her a little quest the next day and fireds also remarked on this a lew days Later. we as whe 1 week after the vaccination and treatment started for vomiting and poor appetite. Unfortunately this progressed despite treatment until shew as evulnamed on 18/02/18. An confirmed diagnosis of the Bliness was not made, but the bloods were indicative of hepatogathyl challangits. Post mortem wasn't performed. Vedicat term in bepatographyl / challangits added. Nothing Carther.	English Cocker Spaniel		Artibiotic Unidentified - 1,1/(A)//\[A] 8- 2,42 Loose Unidentified in 1/(A)/(A)/(A) 8- (A)/(A)/(A)/(A)/(A)/(A)/(A)/(A)/(A)/(A)/	Possible	Close time association to initial insect of clinical signs however no investigation performed to establish cause of death.
NOBIVAC L4	UK-VMO-1351/17	United Kingdom	Animal	Canine/dog	4.25 Year(s)	10/03/2017	14/03/2017	1 1	0 10/03/201	7 Not Known, BR SBR>BR>BR> Not Known, BR> SR SBR>SBR Not Known, Known, Known	Swelling around eye, Itching Face and neck swelling (see also 'Skin')	Not Known	Itching swollen face/around reget/nout and neck within 6 hours of vaccination. IX: was sprayed into her rose, but also appropried freface/per and me (see linked human case UK-VMD-1379/17). Treated with benudryl and steroids. Recovery after 4 days. Nothing further.	Crossbred		Nobixac DHPPI, Lyophilisate for Suspension for Injection for Dogs-N/A,N/A,N/A,Sultable for a dog weighing 9.4kgs (10/03/2017-N/A)-BBS-QBS-NOBIVA (K. 9.10/03/2017-N/A)-BBS-QBS-NOBIVA (K. 9.10/03/20	- Possible	Trining/sign consistent with product involvement. Multiple products administered.
NOBIVAC L4	UK-VMID-1353/18	United Kingdom	Animal	Canine/dog	2.48 Month(s)	19/01/2018	01/03/2018	1 1	0 19/01/201	S Not Known, SBR > SBR>BR> Not Known	Hypersensitivity NOS,Facial oedema	Not Known	within 24 hours of injection there was swelling of the face which went down on its own, no treatment was needed, reaction duration 2 hours	Weimaraner	9.2	Nobinac DHP - 1,N/A,N/A,N/A,1 vial A- each of Nobinac DHP and L4 mixed together and admin by subcutaneous injection (1 Minuseló) 19/01/2018-W/A/eBPBB-Nobinac L4 Suspension for injection for Dogs- 1,N/A,N/A, N/A,1 vial each of Nobinac DHP and L4 mixed together and admin by subcutaneous injection (19/01/2018- N/A)-(BPSRF)	Probable	close time association to vaccination and hypersensibility response, 2 products used concurrently
NOBIVAC L4	UK-VMD-1358/16	United Kingdom	Animal	Canine/dog	9.7 Year(s)	22/02/2016	31/03/2016	2 2	0 23/02/201	5 Not Known	Injection site swelling	Not Known	Injection site swelling in 2 of 2 dogs vaccinated with Nobivac L4 persisting for 4 weeks before recovery No further information.	. Crossbred	10.8	Nobivac L4 Suspension for Injection A- for Dogs - 1,N/A,N/A, N/A,N/A (22/02/2016-22/02/2016) BR> 	- Probable	Clinical signs, onset and resolution are all consistent with probable product involvement.
NOBIVAC L4	UK-VMD-1358/17	United Kingdom	Animal	Canine/dog	2.25 Year(s)	13/03/2017	15/03/2017	1 1	0 13/03/201	7 Not Known	Vomiting	Not Known	Vomiting within 1 hour of vaccination. No previous exposure. Recovery after 12 hours without treatment. Nothing further.	Jack Russell Terrier	21.1	Nobivac L4 Suspension for Injection A- for Dogs - N/A,N/A,N/A,N/A,N/A (13/03/2017-N/A) 	- Probable	Timing/signs consistent with probable product involvement.
NOBIVAC L4	UK-VMD-1359/17	United Kingdom	Animal	Canine/dog	8.3 Year(s)	13/03/2017	24/03/2017	1 1	0 15/03/201	7 Not Known	Pyrexia,Lameness	Not Known	Reluctant to put right back leg down and temperature 40.3C within 48 hours of vaccination. No wounds/signs of trauma/ligament damage. No previous reactions. Outcome unknown. Nothing further.	Miniature Poodle	6.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml injected sc (13/03/2017- N/A) 	- Probable	Timing consistent with product involvement. Pyrexia is expected. Lameness is not usually expected, but product involvement cannot be excluded.
	UK-VMD-1378/17	United Kingdom	Animal		13.5 Year(s)		15/03/2017	1 1	0 06/03/201	7 Not Known, BR >BR>BR>BR>Not Known	Walking difficulty,Injection site lump	Not Known	A large lump came up on the scurif of his neck the size of a tennis ball, where the drug was administered, approx & hours after vaccination. It also caused him to stumble and fall to the ground on walking. Recovered after 12 days	English Springer Spaniel	23.1	,N/A,N/A (N/A- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (01/03/2017- N/A\SBR>	- Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1379/16	United Kingdom	Animal	Canine/dog	7 Year(s)	31/03/2016	04/04/2016	1 1	0 01/04/201	Not Known	Stiffness NOS,Injection site swelling,General pain (see other SOCs for specific pain)	Not Known	Stiffness and pain 24 hours post 2nd dose vaccination. Treated with NSAIDs leading to recovery 2 days later. Owner reported injection site swelling and stiffness following 1st dose vaccination an unspecifie period prior to the 2nd dose reaction.	Jack Russell d Terrier	7	Lepto 4 vaccine - 1,N/A,N/A ,24,N/A B - (31/03/2016-N/A) 	- Possible	Close time association and similar signs reported following each dose administered.
	UK-VMO-1380/17	United Kingdom	Animal		4.6 Year(s)	25/01/2017	24/03/2017	1 1	0 30/01/201	7 Not Known, BR >BR>CBR>CBR> Not Known, BR >BR>CBR> Not Known	Sneezing,Tracheal and laryngeal disorder NOS,Pyrexia,Cough	Not Known	Pyresis, coughing, sneezing, trachest sensitivity. 5 days after vaccination. No previous exposure. Recovery after 3 weeks with unspecified treatment. Nothing further.	Other Canine/dog		Suspension for Injection for Dogs- N/ANA/NA/ANA/ANA/ANA/ANA and IQS/01/2017- 25/01/2017-GR9-cBR-Nobbinac KC - 1/NA/AN/A 24.single dose of vaccine (25/01/2017-RNA/SRP-GBR-Nobbinac L4 Suspension for Injection for Dogs N/ANA/NA/ANA/ANA/ANA/ANA/ANA/ANA/ANA/AN	I - Inconclusive	Treinglynesia consistent with product involvement. 3 waccines administered. Product involvement cannot be excluded.
NOBIVAC L4	UK-VMD-1387/17	United Kingdom	Animal	Canine/dog	5.42 Month(s)	07/03/2017	24/03/2017	1 1	0 10/03/201	7 Not Known,
 >KBR Not Known</br 	Cough	Not Known	Cougling within 3 days of vaccination. No previous exposure. Treated with metacam oral. Outcome unknown. Nothing further.	Bichon Frise	6.6	Nobivac KC - 1,N/A,N/A,24,1 Dose (07/03/2017-N/A) RR> RB>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml (07/03/2017-N/A) RB> 	1 - Inconclusive	Timing consistent with product involvement. 2 vaccines administered. KC vaccine more likely primarily involved, although immunologically L4 involvement cannot be excluded.

NOBIVAC L4	UK-VMD-1392/16	United Kingdom	Animal	Canine/dog	3.28 Year(s)	01/04/2016	04/04/2016	1	1 0	01/04/2016	Not Known	Haemorrhagic diarrhoea, Malaise, Haematemesis	Not Known	Malaise within 1 hour of vaccination. Either haematemesis or haemorrhagic diarrhoea noted the morning after vaccination. Outcome unknown. No further information.	Border Terrier	7.45	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Contents of vial injected under the skin (01/04/2016-N/A) -BR> 	B - Possible	Malaise is expected following vaccination and is likely to be product related. Diarrhoea and emesis are not expected but may be part of hypersensitivity reactions. Onset is a little delayed for this. Overall: B
NOBIVAC L4	UK-VMD-1395/16	United Kingdom	Animal	Canine/dog	2.17 Year(s)	14/03/2016	04/04/2016	5 1	1 0	16/03/2016	Not Known	Emesis,Pruritus	Not Known	Pruritus (especially the feet) and emesis starting within 48 hours of vaccination. Signs persisted for at least 15 days. An unknown treatment was given. Outcome unknown. No further information.	Jack Russell Terrier	6.72	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (14/03/2016-N/A) 	O1 - Inconclusive	Product hypersensitivity cannot be excluded but the onset is delayed and other causes exist such as atopy.
NOBIVAC L4	UK-VMD-1409/18	United Kingdom	Animal	Canine/dog	2 Month(s)	05/03/2018	05/03/2018	3 1	1 0	05/03/2018	Not Known	Trembling,Lethargy (see also Central nervous system depression in 'Neurological'),Shaking	Not Known	On 5 Mar 2018 the dog was vaccinated with Nobivac L4. within 6 hours of vaccination the dog had acute onset lethargy, shaking and trembling. The clinical signs lasted 6 hours. No further information.	Crossbred	1.85	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (05/03/2018-05/03/2018) 	A - Probable	Close temporal assocation - product involvement is probable.
NOBIVAC L4	UK-VMD-1413/15	United Kingdom	Animal	Canine/dog	7.33 Year(s)	01/04/2015	06/04/2015	1	1 0	02/04/2015	Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	Not Known	Lethargy, pyrexia within 24 hours of vaccination administration. No further information.	English Cocker Spaniel	16.85	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (01/04/2015-N/A) 	B - Possible	Close temporal association, clinical signs exhibited can be seen following vaccination.
NOBIVAC L4	UK-VMD-1423/17	United Kingdom	Animal	Canine/dog	4.58 Year(s)	10/03/2017	16/03/2018	1	1 0	15/03/2017	Not Known	Injection site abscess,Injection site swelling,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Purulent lesion(s)		Large swelling developed at injection site. Purisher material aspirated from the site. A drainage tract has also developed from the injection site and extends to the ventral aspect of the thorax. Patient is also showing systemic signs: lethragy, inappetence and previa. Treatment has involved fluid therapy, in antibiotics and GA to lance and drain abscess Purisher material has been sent for culture. Follow up 18 March 2018 The date of the Injection ISEs welling was changed to 10 Mar 2017. The outcome was changed to unknown. No more information received. Close case.	Italian Hound Coarse-haired	39.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, I/M, Iml of vaccine (1 vial) (10/03/2017- N/A) 	A - Probable	5 days is a reasonable temporal association, signs are consistent with the pharmaco-toxicological product profile. One product administered
NOBIVAC L4	UK-VMD-1426/17	United Kingdom	Animal	Canine/dog	1 Year(s)	14/03/2017	17/03/2017	1	1 0	14/03/2017	Not Known, BR >BR>BR>BR> Not Known	Periorbital oedema, Swelling around eye, Allergic oedema, Swollen mouth		Vaccine given 9.30xm, dog represented 2.30pm having devloped muzile/periocular left eye swelling 1 Hour before. No resp distress, mysoedematous swelling, allergic reaction type	Crossbred	9.1	Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (14/03/2017-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (14/03/2017- N/A) 	B - Possible	Timing/clinical signs suggest product involvement Two products administered
NOBIVAC L4	UK-VMD-1429/17	United Kingdom	Animal	Canine/dog	9.42 Year(s)	15/03/2017	17/03/2017	2	1 0	15/03/2017	Not Known	Vomiting, Diarrhoea, Inappetence	Not Known	Gastrointestinal signs - vomiting, diarrhoea, inappetance. Reaction duration: 3 days. Had previous exposure with no reactions	Labrador Retriever	28.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (15/03/2017-N/A) 	A - Probable	Timing/clinical signs suggest product involvement. One product administered
	UK-VMD-1442/17	United Kingdom	Animal	Canine/dog	7.42 Year(s)	16/01/2017	17/03/2017	1	1 0	16/01/2017	Not Known, BR >BR>CBR> Not Known		Not Known	Very lethangic 24 hours after vaccination, recovered after 2 days. Had previously reacted to the same vaccine	Crossbred	32.2	isathal 10 mg/g Eye Drops, Suspension for Dogs, Cats and Rabbits - N/A,N/A,N/A,N/A,N/A (N/A-N/A)&BR~BR>hobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial Ids/01/2017-N/A)&BR>	A - Probable	Timing/clinical signs suggest product involvement.
NOBIVAC L4	UK-VMD-1444/17	United Kingdom	Animal	Canine/dog	13.71 Year(s)	23/01/2017	27/03/2017	1	1 1	23/01/2017	Not Known, BR> BR> Not Known	Vomiting.Hepatomegal/Death by euthnasia,Abdominal mass.Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Liver disorder NOS,Inappetence	Not Known	Cinical Nistory: 23/01/17 No reported problems, has dropped a little weight recently so needs to be monitored; tratarylapse build up to upper rancle especially, heart ok and funglifields clary, comfortable on abdo palp and NAD, otherwise unremarkable, discuss L4 vacc, owner aware due bootser in it weeks in. Next appointment in it weeks. 24/01/2017 Or peops that Bobby has been lethargic overright and not seeing well post vaccination. O would not like to have L4 repeated. Advised owner to give locknown at home if estings; if not advise reve. 21/02/17 O concenter dragding a mass palpable in caudia labdomen on the LHS. O reports V+ after drinking water and has done this morning and wasn't keen for food. O not not next and any problems unintaing, Weight stable Advises scan abdomen to see if it can be identified what the mass is EL. Abdo scan: Bobby laid in it lateral recumbency and addomen clipped prepeaped for conscious can, diffuse hepatonegaly with large hippercetor. Hust life cavities and heterogenous exhotesture to entire leve parenchyma, odefined masses though entire lives appears to be affected by ongoing pathology, hepatomegaly obscures visualization of remaining abdominal contents, though no evidence of abdominal free fluid as far as I am able to let. 2007 intermed of results—offered options for as the ended, Ediped claws 2407/2017 2019 option to longer; ending him milk intitude and R60- not V since. feeding cat flood as will not eat anything else. Advised unable to proposits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting and the composits to the amount of time he has. 13/09/2012 exhausting	Other Canine/dog	7.8	Nobiac DHPPL typhilisate for Suspension for Injection for Dogs - 1,N/AN/A.10.1 ml (M/A- N/A)RBT-RB-Nobiac L4 Suspension for Injection for Dogs - N/AN/AN/A.PA/Annual vaccination of Nobiac (23/01/2017- N/A)-RBS-4BR>	01 - Inconclusive	Product involvement cannot be excluded, however signs are not expected and the dap had dropped a little weight previous to vaccination, therefore the signs could also be ealered to an underlying liver condition. Two products administered.
NOBIVAC L4	UK-VMD-1444/18	United Kingdom	Animal	Canine/dog	4 Year(s)	21/02/2018	13/03/2018	1	1 0	21/02/2018	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR Not Known	Application site reaction NOS.Application site rash	Not Known	On 21 Feb 2018 the dog had Advantik Spot on Solution for Dogs over 4 fig up to 10 kg applied. The dog was also vaccinated concurrently with Nobbac DHP and L4. The dog developed a local skin reaction overnight. Huge rash reported by owner resolved within 2 fins. No further information. AMPI (Bayer) comment 23 March: reaction end date updated from 22 Mar 2018 to 22 Feb 2018, in line with case narrative.	Pug	8.2	Advantix Spot-on Solution for Dogs over 4 kg up to 10 kg - 1,N/A.N/A N/A/N/A (2)/Q2/2018- N/A)-BR>-GR>-Nobivac DHP - 1,N/A.N/A 24,N/A (21/02/2018- 21/02/2018/BR>-GR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A 24,N/A (21/02/2018- 21/02/2018/BR>-GR>-GR>	O1 - Inconclusive	Although clinical signs are unexpected - product involvement cannot be fully discounted. Two vaccines and one spot on product given concurrently.
NOBIVAC L4	UK-VMD-1454/18	United Kingdom	Animal	Canine/dog	3.3 Year(s)	10/02/2018	08/03/2018	1	1 0	06/03/2018	No	Haemorrhagic diarrhoea, Inappetence	Unauthori sed dosage - administr ation too frequent	Issemorrhagic diarrhose, inappetence 8 days after vaccination. This animal received 4.8 in combination with robokus DIPPI J weeks old (12.1.3) and was fine This J Saind was feet The Saindiard seceived 4.0 in 5 won 14 weeks old (17.2.1.3) and presented with having womited a couple of times since vaccination-resolved univerentfully. This animal received 4.1 a minal received 4.1 animal received 4.1 and womit and diarrhose 5 days later. This animal received 4.8 alone 10.2.17 and had womit and diarrhose 6 days later. This animal received 4.8 alone 10.2.17 and had womit and diarrhose 6 days later. Day appears potentially ok with DHPII4 combination but not 1.4 alone. Follow from MAH 8 March 20.18 Nobivac 1.4 given 10 feet and 26 feet 20.18 fill. 3 developed 1.2 week sain.	Saint Bernard Dog	84	Nobivac L4 Suspension for Injection for Dogs - 1,1,2 Weeks,10,standard Imil (3dos) administe (10/02/2018- 26/02/2018) 	A - Probable	Dog reacted various times with similar symptoms to L4 alone. Timing/clinical signs suggest product involvement.
	UK-VMO-1458/17	United Kingdom	Animal	Canine/dog	3.23 Month(s)	20/02/2017	20/03/2017	1	1 0	01/03/2017		Joint swelling Joint pain, Musculoskeletal disorder NOS	Not Known	Soft tissue and joint swelling of forelimbs nine days, after vaccination and 2 days after starting Claussegini. Very painful. Dog unable to wasfi for two days, then gradual improvement. Normal again a week after. No previous reactions. Nothing further.	Border Collie	6	Clavasepin 50 mg Palatable Tablets for Dogs and Cats - 100,1,1 Days,3,M/A (27/02/2017- N/A)-8BF-CBR-Noblavo DHPP, Lyuphilisate for Supersion for Higection for Dogs - 1.N/A,M/A 24.5mgle Higection. Second vaccination of primary course (20/02/2017-N/A)-6BR-CBR-Noblavo Ld Suppension for Injection for Dogs 1.N/A/M, 2.8/A/N/A (20/02/2017- N/A)-BR>-SBR->	O1 - Inconclusive	Product involvement is possible, however rine days is quite a long time to notest and other causes should be also taken into account. Two vaccinations administered. Antibiotic also administered.
NOBIVAC L4	UK-VMD-1458/18	United Kingdom	Animal	Canine/dog	1.7 Year(s)	04/03/2018	12/03/2018	1	1 0	04/03/2018		Swollen eye,Swollen lip (see also 'Skin')	Not Known	On 4 Mar 2018 the dog was vaccinated with Nobivac KC and Nobivac L4. Within 12 hours of vaccination the dog had swollen jap and left eye (and was seen by Vets Now). The clinical signs lasted 24 hours. The dog was in the park between the vaccination and the reaction occurring. No further information.MAH follow up 12 march 2018 ABON code 8 rather than 01.	Other Canine/dog	6.1	Nobivac KC - 1,N/A,N/A, 24,as reconstituted (04/03/2018- 04/03/2018) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Unknown 1 Animai (04/03/2018-	O1 - Inconclusive	Close temporal association and suspected hypersensitivity reaction however there can be many triggers for this - two vaccines (syen concurrently and dog was also in the park after vaccination. Product involvement cannot be discounted.
NOBIVAC L4	UK-VMD-1459/16	United Kingdom	Animal	Canine/dog	11.39 Year(s)	07/03/2016	06/04/2016	1	1 0	25/03/2016	Not Known	Injection site abscess,Injection site swelling	Not Known	Pyogranulomatous injection site swelling noted 3 weeks post vaccination. Unspecified treatment given outcome unknown.	, Jack Russell Terrier	6.15	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (07/03/2016-N/A) 	B - Possible	Close anatomical association but not a close time association therefore other causes are possible.
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NOBIVAC L4		United Kingdom	Animal	Canine/dog	6 Month(s)	01/03/2017	20/03/2017	2 2	0 01/03/201	7 Not Known, BR >BR>BR>CBR> Not Known	Diarrhoea. Appetite loss, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Extreme lethargy, no appetite, very watery diarrhoea less than six hours after vaccination. Recovered after 4 days.	Crossbred	12	Nobivac DHP - N/A,N/A,N/A N/A,N/A (01/03/2017- N/A) -Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Puppy first vax 01/03/2017-N/ALBR>-BR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1484/16	United Kingdom	Animal	Canine/dog	3 Month(s)	04/04/2016	07/04/2016	1 1	0 04/04/201	6 Not Known	Injection site inflammation,Injection site erythema	Not Known	Inflammation and erythema at the injection site within 2 minutes post vaccination. Unspecified treatment given leading to recovery 4 hours later.	Crossbred	5.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (04/04/2016-N/A) 	A - Probable	Close time and anatomical association.
NOBIVAC L4	UK-VMD-1487/18	United Kingdom	Animal	Canine/dog	8 Week(s)	06/02/2018	13/03/2018	6 6	0 07/02/201	B Not Known, BR > BR>BR>CBR> Not Known, BR> > BR>BR> Not Known,	Aggression,Behavioural disorder NOS	Not Known	Pagpies succinated at 4 gm on 6 th february at 8 weeks old, started showing aggression at 1gm the following day. Pagp on 5 mg Aegonom back daily, Aggression was very bad and they were no long-voice responsive. Breeders considered euthanazing the whole litter. 18th feb behaviour started to improve medication was continued for 4 more days 5mg Aceprom. Pupples now fine. MAH follow up 13 March 2018 Added Aceprom as a concurrent product as got worse on it initially.	Crossbred	Not Known	Nobino CHP - 1,1M/A,N/A, 10.1 ml Not applicable 1 Animal (106/02/2018-N/A) - REN-Nobino CHP - 1,000 Animal (106/02/2018-N/A)/A,10.1 ml Not applicable 1 Animal (06/02/2018-N/A)/A,10.1 ml Not applicable 1 Animal (06/02/2018-Ren-seepromazine unidentified - 5,1,12 Hours,3,5 mg 12 Hours 1 Animal (10 Bayls) 07/02/2018-20/02/2018-28-Ren-Ser-Nobino CHP - 1,000 Animal (10 Bayls) 07/02/2018-20/02/2018-28-Ren-Nobino CHP - 1,000 Animal (10 Bayls) 07/02/2018-20/02/2018-20-Ren-Nobino CHP - 1,000 Animal (10 Bayls) 07/02/2018-20/02/2018-20/02/2018-20-Ren-Nobino CHP - 1,000 Animal (10 Bayls) 07/02/2018-20/02/2018-20-Ren-Nobino CHP - 1,000 Animal (10 Bayls) 07/02/2018-20-Ren-Nobino CHP - 1,000 Ani	O1 - Inconclusive	Temporal association is strong and product involvement ranch be excluded noverey, gips are not consistent with pharmaco-to-incicological product profile, other cuses are possible and a realistic conclusion on causality with vaccination cannot be given. Also, two vaccines were administered concurrently on the same day (Nobivac L4 and DHP).
NOBIVAC L4	UK-VMD-1506/15	United Kingdom	Animal	Canine/dog	11.33 Year(s)	09/04/2015	15/04/2015	1 1	0 09/04/201	5 Not Known	Emesis, Weight loss, Haemorrhagic diarrhoea	Not Known	Emesis, haemorrhagic diarrhoea within 12 hours of vaccination administration. Weight loss also. Nothing further.	Golden Retriever	31.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,Vaccination vial (09/04/2015-N/A) 	O1 - Inconclusive	Close temporal association, other causes have not been ruled out. Possible sensitivity to product.
NOBIVAC L4	UK-VMD-1524/17	United Kingdom	Animal	Canine/dog	3 Month(s)	20/03/2017	22/03/2017	1 1	0 20/03/201	7 Not Known,
 <r> Not Known</r></br 	Urticaria, Swollen eye, Urticarial rash, Swollen lip (see also 'Skin'), Swollen face (see also 'Skin')	Not Known	Bapti seelling of eyelds and ligs. Urticaria seem on skin of legs. Went out to puppy party after accinctation. Had been out in paddoct. Owner noticely eyel is brought. Brought back into practice and face and eyes were swelling up. IV catheter was placed and 10mg slow chlorybenamine was given. Swelling reduced over next 30min. Dog was kept in over night for observation	Pug	3.7	Nobivac DHP - 1,N/A,N/A ,24,standard vac dose (20/03/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (20/03/2017- N/A) <	B - Possible	Timing/clinical signs suggest an anaphylactic reaction to the vaccine.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	6.75 Year(s)	15/03/2017	23/03/2017	1 1	0 20/03/201	7 Not Known, SBR > SBR>SBR> Not Known	Anorexia,Pyrexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Progressive letharge, anorexia and severe prevails (IDS.2F) since the vaccination. No previous exposure. Treated with a NSAID. Recovery after 5 days. Nothing further:	Crossbred		Nobivac DHP - 1,N/A,N/A,N/A,Vials mixed together and given s/c (15/03/2017-N/A) -BR>-BR>-Nobivac L4 Suspension for Injection for Dogs-N/A,N/A,N/A,N/A,N/A (15/03/2017-N/A) -BR>	B - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
	UK-VMD-1539/16	United Kingdom	Animal	Canine/dog		16/02/2015	11/04/2016	1 1	,,,,	5 Yes, <b R> Yes</b 	Listless,Injection site lump,Injection site oedema,Injection site crust,Lethargy (see also Central nervous system depression in 'Neurological')	n No Data	Injection site lump within 11 days of first vaccination (date 16/715), and another injection site lump within 7 days of second vaccination (date 16/715). Listless, kelmpy and injection is the oderantasus plaque (coded as injection site oedema and crust) within 7 days of third vaccination (concurrent vaccination with DHP-date 23/3/16). No previous vaccine reactions. No further information, outcome unknown.	Not Applicable		Nobivac DHP - 1,N/A,N/A,24,N/A (N/A-23/03/2016)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (16/02/2015- 23/03/2016)-BR> 	A - Probable	CLinical signs occurred following all three administrations of the vaccine.
	UK-VMD-1546/18	United Kingdom	Animal	,,,,	2 Month(s)	07/03/2018	12/03/2018	1 1	0 07/03/201	Known,
 Not Known</br 	Injection site pain	Not Known	On 7 Mar 2018 the dog was succinated with Nobines C4 and DPP. Within 2 minutes of vaccination the dog had a severe pair nearction for 5-10 good paid a severe pair nearction for 5-10 good paid a severe pair nearction for 5-10 good pair near the pair of the pa	Crossbred		Nobivac DHP - 1,N/A,N/A ,24,N/A (07/03/2018-N/A) <rs>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (07/03/2018- N/A) </rs>	B - Possible	Close temporal and site association - product involvement is possible. Two vaccines given.
NOBIVAC L4	UK-VMD-1547/18	United Kingdom	Animal	Canine/dog	2.9 Month(s	07/03/2018	14/03/2018	1 1	0 07/03/201	8 Not Known	Injection site pain	Not Known	On 7 Mar 2018 the dog was vaccinated with Nobivac L4. Within 2 minutes of injection the dog had a severe pain reaction lasting 5- 10 seconds post injection. Vaccine had been warmed up to room temperature prior to administration - as advised by manufacturer. Nothing further. MAH Follow up 27 Mar 2018: Outrome changed to recrowered	English Cocker Spaniel	4.25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (07/03/2018- N/A) <rr></rr>	A - Probable	Close temporal and site association. Product involvement is probable.
NOBIVAC L4	UK-VMD-1548/18	United Kingdom	Animal	Canine/dog	1.42 Year(s)	07/03/2018	12/03/2018	1 1	0 07/03/201	8 Not Known,
 Not Known</br 	Injection site pain	Not Known	Injection site pain (severe) within 5-10 seconds of sectionation. Vaccine had been warmed up to room temperature poir to administration - and sediesel by manufacture. Recovered within unspecified time, no treatment given. No previous reaction/. No further information	French Bulldog	12.5	Nobivac DHP - 1,N/A,N/A,24,N/A (07/03/2018-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,N/A (07/03/2018- N/A) 	B - Possible	Close temporal and site association. Product involvement is possible. Two vaccines given.
NOBIVAC L4	UK-VMD-1552/16	United Kingdom	Animal	Canine/dog	4.83 Year(s)		11/04/2016	1 1	0 05/04/201	6 Not Known, BR >BR>BR>BR>BR> Yes, BR>BR R>BR>Not Known	Sneezing,Cough	Not Known	Parsistent cough and sneezing within 6 days of vaccination. Recovery within 3 days following unknown treatment. No previous reaction. Nothing further.	Yorkshire Terrier	2.97	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (N/A- ,N/A,N/A (N/A- ,N/A,SR-ABR-Nobivac KC - 1,N/A,N/A, 24,Applied one intranasal dose of KC (31/03/2016- ,N/A,SR-ABR-Nobivac LA Suspension for Injection for Dogs - ,N/A,N/A,N/A,N/A,N/A (N/A- ,N/A,RR-S,RB-)	No assessment performed	
NOBIVAC L4	UK-VMD-1574/17	United Kingdom	Animal	Canine/dog	3 Month(s)	14/03/2017	23/03/2017	1 1	0 14/03/201	7 Not Known	Dull,Injection site skin change NOS,Dermal thickening,Injection site pain,Injection site swelling	Not Known	Pain across injection site – skin thickened, swollen and painful. Puppy slightly dull but otherwise fine. Outcome uknown	Crossbred	1.87	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,Administered first L4 vaccine on 14/02 no reaction noted, then 2nd L4 given on 14/03 (14/03/2017- N/AL-BRS-SRN>	A - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-1575/17	United Kingdom	Animal	Canine/dog	3 Month(s)	14/03/2017	23/03/2017	1 1	0 14/03/201	7 Not Known	Injection site swelling, Dull, General pain (see other SOCs for specific pain), Injection site pain	Not Known	Pain when moving, sore around prescapular region and very small swelling 6 hours after vaccination. Localised to this area but puppy slightly dull in himself. Outcome unknown.	Crossbred	2.61	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A,First L4 on 14/02 and 2nd L4 on 14/03 (14/03/2017-N/A)<	A - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-1576/17	United Kingdom	Animal	Canine/dog	2.9 Month(s	06/03/2017	23/03/2017	1 1	0 23/03/201	7 Not Known,
 <kr> Not Known</kr></br 	Injection site serosanguinous discharge,Injection site swelling	Not Known	4-5cm cutaneous swelling (we assume at injection site) see approx 17 days after vaccination. None painful, drained finits serosanganous fluid, swelling still present but reduced. Clinical examination unremarkable otherwise. Animal is well in self. No other symptoms. Previously seccinated with Dre and Lepto 2 vaccination with no reactions (brand unknown). Will be monitoring and re-examination due in 1 weeks time. Treated with warm compresses and NSAIDS.	Crossbred	12	Nobivac DHP - N/A,N/A,N/A N/A,Full vaccination given (06/03/2017-N/A)-BR->BR>-Dobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (06/03/2017- N/A) >-BR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-1578/17	United Kingdom	Animal	Canine/dog	9.42 Year(s)	16/03/2017	24/03/2017	1 1	0 18/03/201	7 Not Known,
 Not Known</br 	Bronchitis,Cough,Tracheitis	Not Known	Cough suggestive of mild kennel cough/tracheobranchitis started 2 days after vaccination, slowly improved and almost gone after 6 days	Jack Russell Terrier	5	Nobivac KC - 4,N/A,N/A ,10,0.4ml (16/03/2017-N/A) Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (16/03/2017- N/A) 	No assessment performed	
NOBIVAC L4	UK-VMD-1580/16	United Kingdom	Animal	Canine/dog	1.25 Year(s)	09/04/2016	13/04/2016	1 1	0 09/04/201	6 Not Known, BR > Not Known	Vomiting Anorexia, Diarrhoea	Not Known	Emesis and distribuse 12 hours post vaccination followed by anorexia for a further 2 days. No treatment given, full recovery.	Crossbred	7.26	Nobivac DHPPI - 1,N/A,N/A, 24,N/A (09/04/2016-N/A)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,One dose administered alongside one dose of DHPPI. (09/04/2016-N/A)-BR>-BR>-	B - Possible	Close time association, known adverse effects but 2 products administered concurrently.

NOBIVAC L4	UK-VMD-1585/17	Heitod	Animal	Canina/dag	7 Voor(c)	13/03/2017	24/03/2017	1 1	0 14/02/	017 Not	Inappropriate urination, Appetite	Not	Vomiting, off food and urinating in the house within 2 hours of vaccination. Unknown previous	Labrador	40	Nobivac DHPPi, Lyophilisate for	B - Possible	Timing, vomiting and anorexia are consistent with
NOBIVAC L4	UN-VWID-1383/17	Kingdom	Animai	Canine/dog	/ rear(s)	13/03/2017	24/05/2017		0 14/05/	Known, Known, KR> <bi </bi SBR> <br </br Not Known	R loss, Vomiting	Known	volmating, on took and bineating in the noise within 2 notics of vectorisons. Onexown previous exposure. Recovery without treatment after 4 days. Nothing further.	Retriever	40	Notinate Driffy, Lyophinisate 107 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (13/03/2017- 13/03/2017/-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A (13/03/2017- 13/03/2017)<	B - POSSIDIE	immig, omnung and antivexa are consistent with product involvement. Inappropriate urination is not expected. Two vaccines administered.
	UK-VMO-1586/18	United Kingdom	Animal	Canine/dog	8.23 Year(s)	05/03/2018	22/03/2018	1 1	0 09/03/	018 Yes, BR> R>BR>BR>Ye BR>BR>Yes	Elevated temperature. Injection site s. aboress. Spriedron site very service services service	è No Data	Case received from Veterinary medicines Directorates Superclad advener reaction Injection site weeling within 4 days of vaccination on SMArch 2018 with Noblave L.R. Reaction copping, Np previous reaction. No further information follow up 14 March 2018. Reported to MAH. Suspected adverser reaction Vaccinated on 5 March 2018 with Noblave L.R. The mon of March 2018 it developed a injection site mass. Seen on 13 March 2018 the lump was the size of a golf bail? A8 cm in diameter and non painful. With a temperature of 39.7. No teatment was given, they monitored the dog only. Seen again on 14 March 2018 were yell and has a temperature of 39.7. It was not wanting to move and was now being hand feel by the owner. The mass was the same size but now painful when touched: they placed it on antibiotics and non steroidals. Open case await more information Follow up 22 Mar 2018 reported to MAH. On 16 Mar 2018, we reported the oweful pad improved and the swelling was 24 cm by 13cm in diameter. The dog was being hand fed by the owner. Treatment with NSAIDs and antibiotics was continued. On 3 Mar 2018, we reported the weeking had board and prainted material consistent with an abscess came away. The set reported the dog was improved and the sum attential consistent with an abscess came away. The set reported the dog was improved and eating much better. On 21 with a process of the control of the set of th	King Charles s Spaniel		Antibiotic Unidentified - 1,1/A/N/A 24.1 Dose Univoron 1 Animal (14/03/2018-M/A)-687-688-NSAID unidentified - 1,1/A/N/A/A - 24.1 Dose Unixown 1 Animal (14/03/2018-N/A) (1/A)-687-688-NSAID unidentified - 1,1/A/A/A - 24.1 Dose Unixown 1 Animal (14/03/2018-N/A)-688-688-NSAID unidentified - 1,1/A/A/A - 24.1 Direction for Dogs - 1,1/A/A/A - 1,1/A/A/A - 24.1 Direction for Dogs - 1,1/A/A/A/A - 24.1 Direction for Dogs - 1,1/A/A/A - 24.1 Direction for Dog	A - Probable	Insection site swellings known to occur following vaccination. Close temporal association, therefore probable product involvement
	UK-VMD-1597/15	United Kingdom		Canine/dog		23/03/2015	20/04/2015	1 1	0 24/03/	Known, Known, Known, Known, Known, Known, Known, Known	> 'Neurological') R	Not Known	Lethargy within 24 hours post vaccination. No treatment given, outcome unknown.	English Cocker Spaniel		(23/03/2015-N/A) KC - 1.N/A.N/A, 24,N/A (23/03/2015-N/A) KRO + 1.N/A.N/A, 24,N/A (23/03/2015-N/A) Suspension for Injection for Dogs - 1.N/A.N/A, 24,N/A (23/03/2015-N/A) KRS- KRS- KRS- 	B - Possible	Close time association, a known adverse reaction to vaccination but 3 products administered concurrently.
NOBIVAC L4	UK-VMD-1600/15	United Kingdom	Animal	Canine/dog	5.42 Year(s)	11/04/2015	21/04/2015	1 1	0 11/04/	015 Not Known	Vocalisation,Lethargy (see also Central nervous system depression in 'Neurological'),Hind limb ataxia	Not Known	Vocalisation and hind limb atxiai within 30 minutes post vaccination. Ataxia noted on hind legs but no other abnormalities noted. Lethargy and hind limb ataxia still ongoing 5 days later. Unspecified treatment given, outcome unknown.	Schnauzer	11.85	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1ml given subcutaneously benea (11/04/2015- N/A) 	B - Possible	Close time association but unexpected signs. No investigation carried out.
NOBIVAC L4	UK-VMD-1604/15	United Kingdom	Animal	Canine/dog	13 Year(s)	15/04/2015	22/04/2015	1 1	0 18/04/	015 Yes, < R>BR>BR>Ye BR>BR> BR> Yes	B Diarrhoea,Vomiting s, <	No Data	Emesis and diarrhoea within 3 days of vaccination. nothing further.	Not Applicable	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose (15/04/2015-N/A) -RSN-SRSN-RSN-Nobivac KC - 1,N/A,N/A,24,N/A (15/04/2015-N/A) -BR-SRSN-Dobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (15/04/2015-N/A) -BR>-BR>	O1 - Inconclusive	Temporal association not close, however cannot rule out product association.
	UK-VMD-1631/18	United Kingdom	Animal	Canine/dog	1.17 Year(s)	08/03/2018	20/03/2018	1 1	0 10/03/	Not Known, GRXGI >BRXGR>SR Not Known, SRXGI XGRXGR Not Known, SRXGR Not Known	Conjunctivitis	Not Known	On 8 Mar 2018 the dog was succinated with Nobivac KC, DHP and L4. On 10 Mar 2018 the dog had blateral conjunctivis. Dog appears well, no other upper respiratory signs either. The clinical signs lasted 5 days. Nothing further.	Crossbred	24.65	Nobiac DHP - 1,N/A,N/A, 24,1 Dose Unknown 1. Animal (08/03/2018-N/A)>BRBR-Nobiac KC - 1,N/A,N/A, 24,Single dose intransal vaccine (1 Second(5) 08/03/2018-N/A)>BRBR-Nobiac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 Dose 1 Animal (08/03/2018-N/A)>BR>-BR>	O1 - Inconclusive	Clinical signs are unexpected however product involvement cannot be fully discounted. Three vaccines given.
NOBIVAC L4	UK-VMO-1632/15	United Kingdom	Animal	Canine/dog	1.68 Month(s)	09/04/2015	22/04/2015	1 1	0 09/04/	915 Yes, < R> Ye		No Data	Injection lite swelling, behavioural change loeddra-behavioural disorder) noted within 6 hours of vaccination, lated or 2 days. Recovered but developed injection site crust/lesions approximately 2 weeks after. Nothing further.	Staffordshire Bull Terrier	2.5	Nobwac DHP - 1.N/A/N/A, 24,1 dossage form - sper manufacturer's recomm.= 1 vial of DHP + L4 mixed together (09/04/2015- N/A)<8R8R-Nobiwac L4 Suspension for Injection for Dogs- 1.N/A/N/A, 24,d dossage form - as per manufacturer's recomm.= 1 vial of DHP + L4 mixed together (09/04/2015-N/A)<8R>>BR>	B - Possible	Timing and clinical signs suggestive of product related reaction. Two products used, therefore coded B.
NOBIVAC L4	UK-VMD-1637/16	United Kingdom	Animal	Canine/dog	1.33 Year(s)	14/04/2016	14/04/2016	1 1	0 14/04/	016 Not Known, <bi > <br Not Known, <bi > BR</bi </br </bi 	Facial swelling (see also 'Skin') R S	Not Known	Allergic oedema of the face and lips starting within 6 hours post vaccination. Unspecified treatment given leading to recovery 2 hours later.	French Bulldog	3 12.5	Nobivac DHP - 1,N/A,N/A, N/A,1 dose (14/04/2016- N/A/SBN-SBN Nobivac KC - 1,N/A/N/A,24,N/A (14/04/2016- N/A/SBN-SBN-Obivac L4 Suspension for Injection for Dogs - 1,N/A/N/A,24,N/A (14/04/2016- N/A/SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-	B - Possible	Close time association, possible hypersensitivity reaction but 3 products administered concurrently.
	UK-VMD-1645/18	United Kingdom	Animal			06/02/2018	15/03/2018	1 1		018 Not Known, <bi > <br Not Known, <bi > <br< td=""><td>> also Central nervous system depression in 'Neurological')</td><td>Not Known</td><td>On 6 Feb 2018 the dog was given Nobinac DHP, L4 and KC. From 7 Feb 2018 the dog had wasning and wanning lethargy and reduction in appetite since succination. Appel deterioration in demeanour on 3 Mar 2018- diarrhoea and lethargy. Died on route to vets. No further information.</td><td>Yorkshire Terrier</td><td></td><td>Nobivac DHP - 1,N/A,N/A,N/A,1 dose administered (lof/02/2/018- N/A) Nobivac KC - 1,N/A,N/A,24,N/A (lof/02/2/018- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (lof/02/2018- N/A) N/A,BR</td><td>O - Unclassifiable/unassessa ble</td><td>No investigation to establish cause of death. Initial onset of clinical signs shortly after vaccination. Product involvement cannot be fully discounted. Three vaccines given.</td></br<></bi </br </bi 	> also Central nervous system depression in 'Neurological')	Not Known	On 6 Feb 2018 the dog was given Nobinac DHP, L4 and KC. From 7 Feb 2018 the dog had wasning and wanning lethargy and reduction in appetite since succination. Appel deterioration in demeanour on 3 Mar 2018- diarrhoea and lethargy. Died on route to vets. No further information.	Yorkshire Terrier		Nobivac DHP - 1,N/A,N/A,N/A,1 dose administered (lof/02/2/018- N/A) Nobivac KC - 1,N/A,N/A,24,N/A (lof/02/2/018- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (lof/02/2018- N/A) N/A,BR	O - Unclassifiable/unassessa ble	No investigation to establish cause of death. Initial onset of clinical signs shortly after vaccination. Product involvement cannot be fully discounted. Three vaccines given.
		United Kingdom	Animal		13.41 Year(s)	04/09/2016	28/03/2017	1 1	0 30/09/	Known,
 <br Not Known</br </br 	>	Not Known	Case received from Veterinary Medicines Directorate. Seitures staring 26 days after vaccination with 14, 9 days after K. Seitures on 29/10/16, 16/11/16, 18/11/2, 26/11/2, 26/11/2, 19/	Border Collie	19.5	Nobivac KC - 4,N/AN/A,10,0.4 ml 1 Animal (21/09/2016- 21/09/2016-)BRBR-Nobivac L4 Suspension for Injection for Dogs- 1,N/AN/A,2-full vaccine administered on 4 (04/09/2016- 19/10/2016)-BR- 	O - Unclassifiable/unassessa ble	Week association in time. No report of investigations into cause of setums. Product involvement in concust of setum in concustors. Another vaccine given more temporally related to start of seizures.
NOBIVAC L4	UK-VMD-1651/16	United Kingdom	Animal	Canine/dog	6.5 Year(s)	02/11/2015	15/04/2016	1 1	0 03/12/	015 Not Known	Injection site swelling, Injection site sarcoma, Restlessness	Not Known	Restlessness within 24 hours gost vaccination followed by injection site swelling. Lump was sampled and histopathology was suggestive of an injection site sarcoma.	American Cocker Spanie	12	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1dose given s/c on 2/11/15, 2nd dose given s/c 3/12/15 (02/11/2015- 03/12/2015) BR> 	B - Possible	Close time and anatomical association.

NOBIVAC L4	UK-VMD-1658/17	United Kingdom	Animal	Canine/dog	9.08 Year(s)	06/03/2017	28/03/2017	1 1	1 16/03,		Elevated liver enzymes, Elevated creatinine, Vomiting, Unable to stand, Collage (see also 'Cardio- vascular' and 'Systemic disorders'), Death by euthanasia, Abnormal test result, Lethargy (see also Central nervous system depression in Neurological'! Liver fallure	Not Known	My dog had the Nobivac L4 and leptospirosis vaccine on 6 March 2017 and collapsed unknown cause on 16 March, 10 contacted on call set for advise, on 3 occasions within following 6 days his health deteriorated. I took him to the vest took bloods and they said he had gone into liver failure with a reason of the control of 175. During the night of 21 March he deteriorated further, vointing lethingy and unable to stand I took him to the vest on 22 March where vest said my dog was neurologically dea and had not responded to tests, further bloods done and his creatinine was elevated and liver results raised x400. Height op previous health issuest levish to raise a concern regarding the vaccine to ensure its safety for further animals. He was put to sleep at 2pm on 22 March in support and recommendatio of the vest secondary to operan failure.	ne on	38	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (06/03/2017-N/A) 	O1 - Inconclusive	Signs are not expected after vaccination. Ten days is still a reasonable association in time, however, the dog was not young for that particular breed, and some underlying condition cannot be excluded either as cause of Signs. No post mortem was carried out to confirm the cause of death
NOBIVAC L4	UK-VMD-1661/17	United Kingdom	Animal	Canine/dog	1.08 Year(s)	16/02/2017	29/03/2017	1 1	0 22/02,	2017 Not Known, <e > <b Not Known, <e > Not Known</e </b </e 	R> BR	n Not Known	Abscess at injection site. Neck pain (we assume at injection site) and pyrexia 6 days days after injection. Reaction duration: one week	Crossbred	21.6	Nobivac DHP - N/A,N/A,N/A,N/A,N/A,N/A,N/A,(16/02/2017,N/A);RS-RS-Nobivac KC - N/A,N/A,N/A,N/A,N/A,N/A,(16/02/2017-N/A);RS-SRS-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (16/02/2017-N/A);RS-<	B - Possible	Timing/clinical signs suggest product involvement. Three products administered
NOBIVAC L4	UK-VMD-1669/17	United Kingdom	Animal	Canine/dog	Not Known	14/03/2017	29/03/2017	1 1	0 29/03,	X017 Not Known, <br×6 ×br×br=""><b known<="" not="" td=""><td></td><td>Not Known</td><td>Injection site reaction (size of a grape) found 2 weeks after vaccination. Previous exposure unknown. Outcome unknown. Nothing further.</td><td>Crossbred</td><td>4.2</td><td>Nobivac DHP - 1,N/A,N/A,10,1ml of vaccination administered in scruff of neck (14/03/2017- N/A)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (14/03/2017- N/A)-BR>-BR></td><td>B - Possible</td><td>Timing/signs consistent with product involvement. Two vaccines administered.</td></br×6>		Not Known	Injection site reaction (size of a grape) found 2 weeks after vaccination. Previous exposure unknown. Outcome unknown. Nothing further.	Crossbred	4.2	Nobivac DHP - 1,N/A,N/A,10,1ml of vaccination administered in scruff of neck (14/03/2017- N/A)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (14/03/2017- N/A)-BR>-BR>	B - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-1687/18	United Kingdom	Animal	Canine/dog	4 Year(s)	08/03/2018	16/03/2018	1 1	0 09/03,	X018 Not Known, 1 XBR>4BR>4BR>4BR>4BR>4BR>4BR>4BR>4BR>4BR>4		Not o Known	On 8 Mar 2018 the dog was vaccinated with Nobivac DHP and L4. On 9 Mar 2018 there was a large injection site reaction IQCom diameter) with secondary infection. The dog was lethargic, vomiting and pyrexic. No further information.	Labrador Retriever	43.5	Nobivac DHP - 1,N/A,N/A,N/A,1 dose of vaccine (08/03/2018- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (08/03/2018- N/A) 	B - Possible	Close temporal and site association. Act of vaccination could contribute to clinical signs - two vaccines given. Product involvement is possible,
NOBIVAC L4	UK-VMD-1706/17	United Kingdom	Animal	Canine/dog	6.48 Month(s)	20/03/2017	30/03/2017	1 1	0 20/03,	2017 Not Known	Shivering, Lethargy (see also Centra nervous system depression in 'Neurological'), Not drinking, Appetite loss	Not Known	No appetite, not seen drinking, shivering and when placed on puppy pad to urinate lays down starting within 6 hours of vaccination. No previous exposure. Recovery after 4 hours with unknown treatment Nothing further.	Chihuahua t.	2.84	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (20/03/2017-N/A) 	B - Possible	Timing/signs consistent with product involvement.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	6.58 Year(s)	23/03/2015	27/04/2015	1 1	0 23/03,	2015 Not Known, I > <b Not Known</b 	Tarry or black stool (see also IR haemorrhagic	Not Known or	Emesis (multiple) within 24 hours of vaccination administration. Continued for three days, developed anorexia, cough, skin rash, brushing (unspecified location) and trary faeces. Treated with margotlant and cimetidine. Assume recovered a reaction duration provided: had episode of emesis after vaccination 4 weeks earlier (only L4), recovered spontaneously. Nothing further.	Bichon Frise	9.2	Nobivac KC - 1,N/A,N/A, 24,1 Dose (21/04/2014-N/A) RR>>RB>>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,Two doses of L4 vaccination, 4 (23/03/2015-N/A) RB>>RB>>RB>>R>>	B - Possible	Close temporal association, anorexia can be seen following vaccination administration. Other clinical signs unexpected following use of vaccination, however the repeatable nature may suggest sensitivity. Two products used.
NOBIVAC L4	UK-VMD-1725/15	United Kingdom	Animal	Canine/dog	3 Year(s)	27/04/2015	05/05/2015	1 1	0 27/04,	R> Y		No Data	Allergic oedema and allergic pruritus of the face 1 hour after vaccination, treated with steroids leading to recovery within one hour. No further information expected.	g Miniature Dachshund	4	Nobivac DHPPI - 1,N/A,N/A,10,1 ml (27/04/2015)-BRS- Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,Subcutaneous injection (27/04/2015- N/A)L-BRS-BR>	B - Possible	Clinical signs and onset are consistent with a possible product reaction. Treatment details and previous exposures unknown, other causes cannot be fully excluded at this stage.
NOBIVAC L4	UK-VMD-1726/17	United Kingdom	Animal	Canine/dog	1.25 Year(s)	01/04/2017	01/04/2017	1 1	0 01/04,	Xnown, I Known, I >>BR>>BR>>B Not Known		Not Known	Vomiking within 2 hours of vaccination. No previous reactions. Outcome unknown. Nothing further.	Crossbred	5.5	Nobivac DHP - 1,N/A,N/A,N/A,1 vial of each DHP mixed with 1 vial of L4 (01/04/2017-N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (01/04/2017-N/A) 	B - Possible	Timing/signs consistent with possible product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-1732/17	United Kingdom	Animal	Canine/dog	12.43 Year(s)	17/03/2017	07/04/2017	1 1	0 30/03,	X017 Not Known, <e > <b Not Known</b </e 		Not Known	case received from Veteriary Medicines Directorate on 3 Ayz 2017 Suppected Adverse Reaction. On 17 Mar 2017, dog vaccinated with Nobivac DIP and Nobivac L4 for log year at room temperature/jecture label use), fit and well at time of vaccination and no other products given. On 30 Mar 2017, dog presented in surgery with a bust abscess and owner had noticed a lump and had been a bit lethargic. No swabs taken and put on antibiotics and ani-inflammatories. On 1 Ayz 2017, presented again and th abscess is improving and area drying up but not resolved. No further information expected.	a Retriever	27.3	Nobivac DHP - 1,N/A,N/A N/A,standard vaccine vial given. b (17/03/2017-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 ml 1 Animal (17/03/2017-N/A) 	B - Possible	Timing/signs/locale consistent with reaction following vaccination. Two vaccines administered.
NOBIVAC L4	UK-VMD-1738/18	United Kingdom	Animal	Canine/dog	6.33 Year(s)	14/09/2016	20/03/2018	1 1	0 01/09,	2017 Not Known, sR><1	ir R>	Not Known	On 14 Sept 2016 the dag was given 1 tablet of Neugard Spectra 75 mg 1,5 mg Chewable Tablets for Dogs and the dog has been treated morthly since then for 18 months with this product. 1 Sept 2017 the dog started having selarure. They last 5-10min, seem to be 3-4 days after having the product although she had host for 12 months herofer the fits started. The worst episode was 3 fits together to December 2017. The dog has also received Droncht (dose and formulation not available), Nobivac DHP and Nobivac L4 concurrently on 14/09/16. No further information.	Crossbred	13	Oronct unidentified- NIAN/N/NA NIA/NA/D2/02016- NIA/NBS-08N-Neogard Spectra 37.5 mg/ NIA/NBS-08N-Neogard Spectra 37.5 mg/ D059: 1.1,1 Months, NIA/1 tablet monthly (138 Months) (1409/2016- 14/01/2018)-68N-08N-9004/NA C14/09/2015- NIA/NIAN/NA/NA/NA/C14/09/2015- NIA/NIAN/NA/NA/NA/C14/09/2015- NIAN/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	No assessment performed	
NOBIVAC L4	UK-VMD-1743/17	United Kingdom	Animal	Canine/dog	7 Year(s)	30/03/2017	13/04/2017	1 1	0 30/03,	2017 Not Known, 1 > 5 Not Known		Not Known	Case received from veterinary medicines Directorate Suspected adverse reaction Shaking and occasional parting within 4 hours of vaccination with Nobbac DMP and L 30 March 2017. No previous exposure. No abnormalities detected on physical examination. Recovery after 4 hours without treatment. Nothing further.	Crossbred	6.7	Nobivac DHP - 1,N/A,N/A 24,standard vaccine dose (30/03/2017-N/A) Nobivac L4 Suspension for injection for Dogs 1,N/A,N/A,24,1 Dose Unknown 1 Animal (30/03/2017-N/A) 	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	UK-VMD-1769/16	United Kingdom	Animal	Canine/dog	1.42 Year(s)	20/04/2016	21/04/2016	1 1	0 20/04,	2016 Not Known, E >>BR>>BR>>B Not Known		Not Known	Allergic oedema of the face, chin and neck starting 1.5 hours post vaccination. Unspecified treatment given, outcome unknown.	Jack Russell Terrier	6	Nobivac DHP - 1,N/A,N/A, 24,The two components were mixed and administered as one subcut injection (20/04/2016-N/A) AND AND AND AND AND AND AND AND AND AND	B - Possible	Close time association, possible hypersensitivity reaction.
NOBIVAC L4	UK-VMD-1792/15	United Kingdom	Animal	Canine/dog	4 Month(s)	29/04/2015	29/04/2015	1 1	0 29/04)	2015 Not Known	Seizure NOS	Not Known	Seizure lasting 5 minutes approximately 30 minutes after vaccination administration. No history of seizures. Nothing further.	Yorkshire Terrier	S	Nobivac L4 Suspension for Injection for Dogs - 1,1,1 Years,24, yearly vaccination (29/04/2015- N/AI×BR> 	O - Unclassifiable/unassessa ble	Close temporal association, clinical signs would be unexpected following administration of the product, no diagnostics performed to rule out other causes.

NOBIVAC L4	UK-VMD-1798/17	United Kingdom	Animal	Canine/dog	9.33 Year(s)	31/03/2017	06/04/2017	1 1	0 02/04/2	017 Not Known. <br< th=""><th>Injection site swelling, Dermal thickening, Elevated</th><th>Not Known</th><th>Injection site swelling and dermal thickening, lethargy, hyperthermia and anorexia 2 days post vaccination. Unspecified treatment given leading to recovery 3 days later.</th><th>Whippet</th><th>14.6</th><th>Nobivac DHP - 1,N/A,N/A ,10,1ml dose administered by subcutaneous</th><th>B - Possible</th><th>Close time and anatomical association, signs could be expected. 2 products administered concurrently.</th></br<>	Injection site swelling, Dermal thickening, Elevated	Not Known	Injection site swelling and dermal thickening, lethargy, hyperthermia and anorexia 2 days post vaccination. Unspecified treatment given leading to recovery 3 days later.	Whippet	14.6	Nobivac DHP - 1,N/A,N/A ,10,1ml dose administered by subcutaneous	B - Possible	Close time and anatomical association, signs could be expected. 2 products administered concurrently.
		5								> <br Not Known</br 	temperature, Lethargy (see also Central nervous system depression in 'Neurological'), Anorexia					injection (31/03/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (31/03/2017- N/A) 		
	UK-VMD-1802/17	United Kingdom				07/03/2017	06/04/2017	1 1	0 07/03/2	Known,
 >R> Not Known</br 	Diarrhoea,Vomiting	Not Known	Vomiting and diarrhoes starting 4 hours post vaccination. No treatment given. Recovery 2 weeks later.	Retriever	37	Nobivac KC - 1,N/A,N/A,24,N/A (07/03/2017-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,N/A (07/03/2017- N/A) 	O1 - Inconclusive	Close time association but signs are unexpected and also not expected to last that long.
NOBIVAC L4	UK-VMD-1816/17	United Kingdom	Animal	Canine/dog	8.8 Year(s)	29/03/2017	20/07/2017	1 1	0 30/03/2	017 Not Known,
 <br Not Known</br </br 	Not drinking, Jaw disorder, Myositis, Musculoskeletal pain, Sore mouth, Jaw pain, Anorexia	Not Known	Stiff mouth within 24 hours of vaccination. Presented to PIV-84 hours spot-vaccination unable to closs mouth, pain on palaptanion of TMI, massester and returporalist muscles, and tentative diagnosis of masticatory myositis. Presented to vest 48 hours post-vaccination. No previous exposure. One month late, not 1070% to now able to close mouth more than previously. Outcome onegoing. Nothing further NCA comment: onset date and narrative updated from reporter additional information. Follow up reported to MAH on 24My 2017 Vaccinated on 29 March 2017 with Nobbox Del Pand LA. Owner reported 24 hours later it had some mouth, 48 hours post vaccination was unable to close "is" mouth, was given metacam and antitories. 3 Agril still unables to close mouth and now unable to early they suspect massicatory mycosis, they gave Tramsdol and Pred. 6 Agril 2017 no better and unable to lay water, owner is cynting water. Agril owner is feeding off to do bust and to notexter. 10 Agril still unables to close mouth and promoved. Still synthetic production of the promoved still synthetic production of the production of	e English Cocker Spaniel r.	12	Nobiac OHP - 1.M/AN/A_2AN/A (20/13/2017-M/SHS-BR-Nobiac) L4 Suspension for Injection for Dogs - 1.M/AN/A_2 A2 I Dose Unknown I Animal (29/03/2017-M/A)<8R>→8R>	O1 - Inconclusive	Timing consistent with product involvement. Signs not typical. Product Involvement cannot be excluded. Two vaccines administered.
NOBIVAC L4	UK-VMD-1822/18	United Kingdom	Animal	Canine/dog	15 Year(s)	14/03/2018	22/03/2018	1 1	0 16/03/2	018 Not Known	Injection site abscess, Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Elevated temperature	Not Known	On 14 Mar 2018 the dog was vaccinated with Nobivac L4. On 16 Mar 2018 the dog had a high temperature, was collapsed and an abscess had developed bilaterally and subcutaneously at the injection site. No information on treatment or outcome.	Dalmatian	22	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial (14/03/2018-N/A) 	B - Possible	Close temporal and site association although act of vaccination may contribute to clinical signs. Product involvement is possible.
	UK-VMD-1831/16	United Kingdom	Animal	Canine/dog	5.81 Month(s)	25/04/2016	26/04/2016	1 1	0 25/04/2	016 Not Known, BR >>BR>BR>CBR Not Known	Facial swelling (see also 'Skin'),Urticaria	Not Known	Urticaria and allergic oedema of the face, neck and limbs starting within 6 hours post vaccination. Treated with artihistamines leading to recovery 12 hours later.	Pug	8.35	Nobivac DHP - 1,N/A,N/A ,24,single dose (25/04/2016- N/A)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (25/04/2016- N/A)-BR>>-BR>	B - Possible	Close time association, possible hypersensitivity reaction but 2 products administered.
NOBIVAC L4	UK-VMD-1836/18	United Kingdom	Animal	Canine/dog	1.17 Year(s)	17/03/2018	23/03/2018	1 1	0 18/03/2	D18 Not Known, Not Known, > > > <br< td=""><td>Vomiting_Cough_Elevated temperature_Laboured breathing_Snoring</td><td>Not Known</td><td>On 17 Mar 2018 the dog was vaccinated with Noblack KC, Noblac L4 and Noblac DIP. The dog had vomitting 1 day and 5 days post vaccination. Developed mild couple 24-48 hrs post vaccination, cough is ongoing. Owner reported pisode of "laboured" breathing last night (22nd Mar). On further questioning laboured breathing might be "isnorting" (coded as snoring). On clinical examination there where no abnormalities other then 132 Cliwae sected paid an mild cough (clearing throat type). Respiratory pattern normal. No further information available.</td><td>Crossbred</td><td>5.9</td><td>Nobivac DHP - N/A,N/A,N/A, N/A,N/A (17/03/2018- N/A,BR-BR-BR-Nobivac KC - 1,N/A,N/A,N/A,I vial (standard dose) (137/03/2018-N/A)-BR-SB-Nobivac LS suspension for injection for Dogs- N/A,N/A,N/A,N/A (17/03/2018- N/A)-BR->BR></td><td>O1 - Inconclusive</td><td>Clinical signs are unexpected and respiratory signs are more likely related to intransasl product, however product involvement cannot be fully discounted - three products given.</td></br<>	Vomiting_Cough_Elevated temperature_Laboured breathing_Snoring	Not Known	On 17 Mar 2018 the dog was vaccinated with Noblack KC, Noblac L4 and Noblac DIP. The dog had vomitting 1 day and 5 days post vaccination. Developed mild couple 24-48 hrs post vaccination, cough is ongoing. Owner reported pisode of "laboured" breathing last night (22nd Mar). On further questioning laboured breathing might be "isnorting" (coded as snoring). On clinical examination there where no abnormalities other then 132 Cliwae sected paid an mild cough (clearing throat type). Respiratory pattern normal. No further information available.	Crossbred	5.9	Nobivac DHP - N/A,N/A,N/A, N/A,N/A (17/03/2018- N/A,BR-BR-BR-Nobivac KC - 1,N/A,N/A,N/A,I vial (standard dose) (137/03/2018-N/A)-BR-SB-Nobivac LS suspension for injection for Dogs- N/A,N/A,N/A,N/A (17/03/2018- N/A)-BR->BR>	O1 - Inconclusive	Clinical signs are unexpected and respiratory signs are more likely related to intransasl product, however product involvement cannot be fully discounted - three products given.
	UK-VMD-1843/17	United Kingdom	Animal	Canine/dog		15/03/2017	08/04/2017	1 1	0 16/03/2	Known,
 Not Known,
 Not Known</br </br 		Not Known	Intermittent vomiting, intermittent collist, slight lethangy within 24 hours of vaccination. No previous reactions. Recovery after 3 weeks without treatment. Nothing further.	Crossbred		vial given (15/03/2017- N/A)<8R> Nobivac KC - N/AN/AN/A, N/AN/A (15/03/2017- N/A)<8R> Nobivac L4 Suspension for Injection for Dogs - N/AN/AN/A, N/AN/A (15/03/2017- N/A)<8R> 	B - Possible	Trining/signs consistent with possible product involvement. Three vaccines administered.
NOBIVAC L4	UK-VMD-1845/16	United Kingdom	Animal	Canine/dog	2.1 Month(s)	26/04/2016	27/04/2016	1 1	0 26/04/2	Provided the state of the state	Restlessness,Tachycardia,Dyspnoei	a No Data	Tachypnoea, tachycardia, estlessness and mild dyspnoea within 2 hours of administration. Recovery within 12 hours following unknown treatment. No previous reaction, no further information.	English Cocker Spaniel	5.47	Nobivac DHP - 1,N/A,N/A,N/A,one reconstituted vial (26/04/2016-26/04/2016)-088->88-Nobivac KC - 4,N/A,N/A, 1,0,0.4 ml (26/04/2016-26/04/2016)-88>-88-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,1 ml (26/04/2016-26/04/2016-88>-888-	B - Possible	Close temporal association, two products used. A product involvement is possible.
NOBIVAC L4	UK-VMD-1856/17	United Kingdom	Animal	Canine/dog	11.75 Year(s)	28/02/2017	21/04/2017	1 1	0 02/03/2	017 Not Known	Malaise,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and malaise starting within 48 hours post vaccination. No treatment given, recovery 3 weeks later. No more information expected	Golden Retriever	36	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml 1 Animal (28/02/2017-N/A) 	A - Probable	Close time association, known adverse effects but duration of signs is unexpected.
NOBIVAC L4	UK-VMD-1862/15	United Kingdom	Animal	Canine/dog	1 Year(s)	01/05/2015	05/05/2015	1 1	0 01/05/2	D15 Not Known,
 >BR</br 	Hives (see also 'Skin'),Facial swelling (see also 'Skin')	Not Known	Allergic oedema of the face and urticaria within I hour post vaccination. Treated with corticosteroids, outcome unknown.	Pug	8.6	Canigen DHP - 1,N/A,N/A,24,one off (01/05/2015-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,N/A (01/05/2015- N/A) 	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered.
	UK-VMD-1884/15	United Kingdom	Animal		2 Month(s)		06/05/2015	7 1		Not Known, <td>Respiratory distress, Death, Acute renal failure, Haemohysis</td> <td>Not Known</td> <td>Assemia, aoute renul fallure and dysposes 5 days post vaccinelton in 1 puppy out of 7 leading to death 4 days later despite unspecified treatment. PCR for leptospirosis was negative. No PME carried out.</td> <td></td> <td>Not Known</td> <td>vaccination given by subcutaneous injection of the combined vaccine (22/30/4/2015-N/A)ER×-BR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,Single vaccination given by subcutaneous injection of the combined vaccine (23/04/2015-N/A)-BR-NBR></td> <td>O1 - Inconclusive</td> <td>Close time association but unexpected signs, other factors must be involved.</td>	Respiratory distress, Death, Acute renal failure, Haemohysis	Not Known	Assemia, aoute renul fallure and dysposes 5 days post vaccinelton in 1 puppy out of 7 leading to death 4 days later despite unspecified treatment. PCR for leptospirosis was negative. No PME carried out.		Not Known	vaccination given by subcutaneous injection of the combined vaccine (22/30/4/2015-N/A)ER×-BR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,Single vaccination given by subcutaneous injection of the combined vaccine (23/04/2015-N/A)-BR-NBR>	O1 - Inconclusive	Close time association but unexpected signs, other factors must be involved.
NOBIVAC L4	UK-VMO-1888/17	United Kingdom	Animal	Canine/dog	6 Year(s)	07/04/2017	13/07/2017	1 1	0 08/04/2	Not Known, sBR>BR > BR>BR>BR>BR>RR Not Known, sBR>BR > SR>BR>BR Not Known, sBR>BR > SR>BR Not Known, sBR>BR Not Known, sBR>BR Not Known, sBR>BR Not Known	depression in 'Neurological'), Hypoglycaemia, Elev	Not Known	Anorexia and emesis starting 24 hours post vaccination. The vet suspects a flare up of a previous underlying hepatitis with vaw well controlled with liver supplements until the vaccination administration. Treatment given, signs still ongoing. Follow up reported to the MAH on 13 Jul 2017 on 10 Apr 2017, owner reported the oph such been sick every morning since vaccination. Dog has underlying chronic liber disease and is on treatment for this (hepatic died, Denamanín and Destoit). Clinical examination was unremarkable, his temperature was 384. C. he was bright, after and responsive, abdominal palaption was normal and the vet suspected a flare up of his liver disease. Dog was given Emepfal and Raintidine. On 11 April 2017 the output responsive, as not esting and becoming lethange. On 12 April 2017 the odgs are to himself, was eating a little, and had vomited bit on several occasion. On examination this was not himself, was eating a little, and had vomited bit on several occasion. On examination this was all glands were fully, his temperature was 38.7.C, and several occasion. On examination that was aligned were fully. Its temperature was 38.7.C and several occasion. On examination that an alignation were fully. Its temperature was 38.7.C and several occasion. On examination that was aligned were fully. Its temperature was 38.7.C and several occasion. On examination and plant of the control of the	Crossbred	11	Human Medicine - N/AN/AN/A M/AU/Inform of 1 Ariental (07/04/2017-N/A)-RBT-GBR-Nobisus KC - 1/MAN/A - 2/A Int 1 Animal (07/04/2017-N/A)-RBT-GBR-Nobisus LB Suspension for injection for Obje- 1.N/AN/A - N/A 1 vial (07/04/2017- N/A)-RBT-GBR-Speptement (unauthorised VP) - N/AN/A M/AU/Informal - N/AN/A M/AU/Infor	O1 - Inconclusive	Close time association, underlying hepatitis may have predisposed dog to adverse event.

NOBIVAC L4	UK-VMD-1891/17	United Kingdom	Animal	Canine/dog	9 Year(s)	29/03/2017	12/04/2017	1 1	1 03/04/20	7 Not Known	Behavioural disorder NOS,Respiratory arrest,Unable to rise,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Death	Not Known	Skeping on the rug (something only usually done on hottest summer nights) 48 hours after vaccination Collapse, unable to get up, breathing stopped and death after 5 minutes 5 days after vaccination. Nothing further.	Crossbred	25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,One dose (the first administration of L4, so part 2 scheduled for 4 weeks (29/03/2017-N/A) >BR>	O - Unclassifiable/unassessa ble	Unknown cause of death. No PME performed. Not able to conclude on product role on the basis of available information.
	UK-VMO-1903/17	United Kingdom	Animal		15 Month(s)		26/04/2017	1 1	0 22/09/20	Known,
>BR> Not Known,
>BR> Not Known</br </br 		Not Known	Presia, Lethargo, Cenvical pain the day after succination. Was treated with steroids and had a rapid response. On 26/16 file flowley presented at this practice with theiragy = next, barn in made poor response to NSMI). He was referred to a neurologist at Drococcio Veterinary hospital for investigation. He had an MIR scan and cit analysis and steroid responsive meninglists was diagnosed. However was dispended steroids responsive of analysis and steroid responsive meninglists was diagnosed holive was dispended steroids responded well, while dose was gradually tapered over the next z months. On 21/9/16 he was seen at our practice for 16 hososter vaccinations = also kenned cought vaccine. At that point he had been off his steroids for about 4 weeks - seemed fine. On 22/9/16 he next point and the current of his box more work of the steroids for about 4 weeks - seemed fine. On 22/9/16 he next point and the current of the steroids for about 4 weeks - seemed fine. On 22/9/16 he was secured to his owner work of the steroids for about 4 weeks - seemed fine. On 22/9/16 he was secured with the second to the steroids of the steroids. When Mrs Stater presented Howier today for an entirely separenter problem the mentioned that the neurologist at Dowcoots had suggested that the meningist may have recurred because of the vaccination, for this reason I am reporting a possible adverse reaction in Separenber today as I dont think that the vet at Dowcoote had done this already. No further information expected.	Crossbred e		Suspension for Injection for Dogs- JA/NA/IA/A/IA in 14 Animal (21/09/2016-N/A) <br-ng-nb-ng-ng- KC - 1x/IA/IA/A/IA/A/IA ml Animal (21/09/2016-N/IA-BN-GR-NONIONIC (21/09/2016-N/IA-BN-GR-NONIONIC IA Suspension for Injection for Dog- JA/NA/IA/IA/IA ml 13 Animal (21/09/2016-N/IA)</br-ng-nb-ng-ng- 	B - Possible	Sign are consistent with the pharmaco-toxicological product profile and temporal association is strong, however, the previously diagnosed meningitis may have also played a fool in the development of the signs. Three vaccines administered
	UK-VMD-1907/17	United Kingdom	Animal	Canine/dog	3 Month(s)	12/04/2017	18/04/2017	1 1	0 12/04/20	Known,
 Not Known</br 	Facial oedema,Periorbital oedema	Not Known	Oedem around eyes, nose and mouth within 6 hours of vaccination. No previous reactions, Outcome unknown. Nothing further. Follow-up-received: Case reported to Mel 13 apid 12017 Suspected adverse reaction. Vaccinated on 12 April 2017 with a second Nobivac DHPPI and L4 (not given at room temperature EU/I About 4 hours steer it developed facial swelling, was seen about 6 hours post vaccination in practice with a swollen right eye and svollen nose and mouth. They gave Dexamethasione and the puppy recovered. No more information expected	French Bulldog		Nobiwac DHPPL, Lyophilisate for Suspension for Injection for Dgs - 1,N/AN/A, N/AContents of 2 vials given subc (12/04/2017 - N/A)=BR>-SBN>Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml Unknown 1 Animal (12/04/2017-N/A)=BR>=BR>	B - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-1922/17	United Kingdom	Animal	Canine/dog	4.52 Month(s)	12/04/2017	13/04/2017	1 1	0 13/04/20	7 Not Known, <br
 Not Known</br<br 	Lethargy (see also Central nervous system depression in 'Neurological'),Inappetence	Not Known	Quiet/fethargic, inappetant approx 12 hours after vaccination, reaction duration 1 day	Chihuahua	1.6	Nobivac KC - N/A,N/A,N/A,N/A,N/A,N/A,N/A (12/04/2017-N/A)-BRS-RR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, N/A,single dose of vaccination (1 Day(s) 12/04/2017- N/A) <8R>	B - Possible	Timing/clinical signs suggest product involvement. Two vaccines administered
NOBIVAC L4	UK-VMD-1923/17	United Kingdom	Animal	Canine/dog	3 Month(s)	12/04/2017	13/04/2017	1 1	0 12/04/20	7 Not Known, BR	Behavioural disorder NOS,Shaking,Depression,Vomiting	Not Known	About 7 hours after vaccination, became depressed, womited five times, shakey and whiney. Given cerenia and desadresson and improved. Recovered well	Crossbred	3.2	Nobivac DHP - 1,N/A,N/A,N/A,1 dose, mixed with Nobivac L4 vaccination (12/04/2017- N/A)+BRBR-Nobivac KC - N/A,N/A,N/A,N/A,N/A (12/04/2017- N/A)+BRBR-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (12/04/2017- N/A)+BRBR>	B - Possible	Treing/chical signs suggest product involvement. Three vaccines administered
	UK-VMD-1925/14	United Kingdom	Animal	Canine/dog	5.1 Year(s)		12/05/2014	1 1	1 10/02/20	Known, <br< td=""><td>Death,Immune mediated haemolytic anaemia,Immune mediated thrombocytopenia</td><td>No Data</td><td>Immune mediated haemofytic anaemia and immune mediated thrombocytopenia within 14 days of vaccination, death 5 weeks later.</td><td>Beagle</td><td>15</td><td>Nobivac DHP - N/A,N/A,N/A,N/A,1 ml (27/01/2014- N/A)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml (N/A- N/A)-BR>>BR></td><td>O1 - Inconclusive</td><td></td></br<>	Death,Immune mediated haemolytic anaemia,Immune mediated thrombocytopenia	No Data	Immune mediated haemofytic anaemia and immune mediated thrombocytopenia within 14 days of vaccination, death 5 weeks later.	Beagle	15	Nobivac DHP - N/A,N/A,N/A,N/A,1 ml (27/01/2014- N/A)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml (N/A- N/A)-BR>>BR>	O1 - Inconclusive	
NOBIVAC L4	UK-VMD-1935/16	United Kingdom	Animal	Canine/dog	8.58 Year(s)	02/05/2016	02/05/2016	1 1	0 02/05/20	6 Not Known, BR	Localised pain NOS (see other 'SOCs' for specific pain)	Not Known	Ataxis, hyperthermia and pain around chest area starting within 1 hour of Nobivac Lepto 4, Nobivac DIPPI and Nobivac KC. Signs persisted for at least 6 hours. An unknown treatment was given. Outcome unknown.	Lhasa Apso	10.2	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (02/05/2016- ,N/A,SBR-Nobivac KC - ,N/A,N/A,N/A,N/A,N/A (02/05/2016- ,N/A,SBR-SBR-Nobivac L4 Suspension for injection for Dogs -1,N/A,N/A,10,1ml (02/05/2016- N/A) -SBR>	B - Possible	Most clinical signs are consistent with vaccine involvement but several products were used together. Ataxia is not usually expected but the product cannot be excluded.
NOBIVAC L4	UK-VMD-1936/16	United Kingdom	Animal	Canine/dog	1.5 Year(s)	22/04/2016	02/05/2016	1 1	0 22/04/20	6 Not Known, BR	Injection site swelling, Injection site pain, Distress, Anorexia, Hyperthermi a	Not i Known	Datress, ancreais, hypertherms and injection site pain and swelling starting within 6 hours of Nobiwac Lepto 4, Nobivac DHPPI and Nobiwac KC. FNA unremarkable. Treatment with dexamethasone. No improvement within 72 hours. Treatment with 3 days predissioners in gib 10 resulting in recovery. No further information. Practice have seen several other reactions involving Nobiwac L4 and are stopping using the vaccine- details of these are usknown. No further information.	Shih Tzu	6.4	Nobivac DHPPI - N/A,N/A,N/A ,N/A,N/A (22/04/2016- N/A)BR-BR-BR-Nobivac KC - N/A,N/A,N/A,N/A,N/A (22/04/2016- N/A)4BR-BR-Nobivac L4 Suspension for injection for Dogs -1,N/A,N/A,10,1ml (22/04/2016- N/A)4BR~BR>	B - Possible	Several vaccines used together. Injection site issues are likely related to this, one other product or both. Other signs may be seen following vaccination.
NOBIVAC L4	UK-VMD-1937/15	United Kingdom	Animal	Canine/dog	5.83 Year(s)	02/03/2015	07/05/2015	1 1	0 02/03/20	5 Not Known	Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy starting the day post vaccination lasting for 1 day. History of a similar reaction post previous vaccination 1 month earlier.	Labrador Retriever	25.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,1 vial (02/03/2015-N/A) 	A - Probable	Close time association, similar reaction following each dose vaccination.
NOBIVAC L4		United Kingdom	Animal		2.39 Month(s)	03/05/2016	04/05/2016	1 1	0 04/05/20	6 Not Known,
BR> Not Known</br 	Emesis (multiple)	Not Known	Emesis (multiple) starting within 24 hours of vaccination. No further information. Outcome unknown.	Crossbred		Nobivac DHP - 1,N/A,N/A,10,1ml (03/05/2016-N/A) Nobivac L4 Suspension for Injection for Dogs N/A,N/A,N/A,N/A,N/A (03/05/2016- N/A) 	O1 - Inconclusive	Clinical signs may represent a hypersensitivity reaction but no other signs were seen, onset is slightly long and other causes have not been excluded.
	UK-VMD-1988/16	United Kingdom	Animal	Canine/dog	5.34 Year(s)	04/04/2016	05/05/2016	1 1	0 07/04/20	6 Not Known, BR > BR>CBR Not Known	Urinary incontinence	Not Known	3 episodes in 3 weeks of urinary incontinence starting within 3 days of Nobivac L4 and DHP. USG and dig stick at second vaccine were normal. No further information.	Whippet	15.6	Nobivac DHP - 1,N/A,N/A,N/A,1 vial of DHP diluted in L4 (04/04/2016-N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A (04/04/2016-N/A) 	O - Unclassifiable/unassessa ble	Clinical sign is not expected. Insufficient information to exclude product involvement.
NOBIVAC L4	UK-VMO-1989/17	United Kingdom	Animal	Canine/dog	12.02 Year(s)	27/02/2017	26/04/2017	1 1	0 27/02/20	7 Not Known	Injection site lump,Injection site warmth,Injection site pain	Not Known	Vaccine for Legiot a administered to my dog. Vaccine size felf warm very shortly after. Lump began to come up the next fely. I hought it might go down but continued to increase in six owe next few days and was uncomfortable when touched. I saw vet who confirmed it was a reaction to vaccine though he would need to do a needle aspiration taking cells to prove it. A decision was made to see if I could administer afternative treatment at home to irradiate it but if not gone in one week and inflammatory drugs would need to be given and cells sent to lab. With the use of coid compresses and Alore Vera and Arrica gel alternatively the reaction resolved. I have absolutely no doubt whatsoever that the Lepto 4 vaccine caused this problem. My vet has suggested going back to Lepto 2 next time. Reaction duration 2 weeks. No more information expected.	King Charles Spaniel	10.7	Nobiwa: L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,T ml Unknown 1 Animal (27/02/2017-N/A)-BR>-BR>	A - Probable	Timing/clinical signs suggest product involvement.

														T					
NOBIVAC L4	UK-VMD-1996/17	United Kingdom	Animal	Canine/dog	11 Week(s) 2 Month(s)	14/03/2017 08/05/2015	18/04/2017	4 1	1 0 11,	> <br: Not Know ><br:< td=""><td>vn, <br (="" t=""/>BR><br) (="" t="">BR><br) (="" vn,<br=""><br t=""/>BR> t>BR> t>BR> t>BR></br)></br)></td><td>Vomiting-Facial oedema_Lethargy (see also Central nervous system depression in Neurological'),Disorientation</td><td>Not Known</td><td>Vomited once within 30 minutes of administration. Over next 2-3 hours developed facial oedema, lethargy, disorientation. No previous reactions. Outcome unknown. Nothing further. Painful lump at the injection site within 24 hours post vaccination. Recovery 4 days later with no</td><td>Crossbred</td><td>120</td><td>Nebhac DIP - 1,N/A,N/A N/A,28/3/17 Nebwac DIP - 4,016101 (28/03/2017- 11/04/2017-18BB2BBNobbiac KC- N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,</td><td>s - Possible</td><td>Timing/signs consistent with product involvement. Two vaccines administered concurrently. Close time and anatomical association, 2 vaccines</td></br:<></br: 	vn, BR> <br) (="" t="">BR><br) (="" vn,<br=""><br t=""/>BR> t>BR> t>BR> t>BR></br)></br)>	Vomiting-Facial oedema_Lethargy (see also Central nervous system depression in Neurological'),Disorientation	Not Known	Vomited once within 30 minutes of administration. Over next 2-3 hours developed facial oedema, lethargy, disorientation. No previous reactions. Outcome unknown. Nothing further. Painful lump at the injection site within 24 hours post vaccination. Recovery 4 days later with no	Crossbred	120	Nebhac DIP - 1,N/A,N/A N/A,28/3/17 Nebwac DIP - 4,016101 (28/03/2017- 11/04/2017-18BB2BBNobbiac KC- N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	s - Possible	Timing/signs consistent with product involvement. Two vaccines administered concurrently. Close time and anatomical association, 2 vaccines
NUBIVAL L4	OK-AMID-1936/12	Kingdom	Ahimai	Canine/dog	2 wonth(s)	08/05/2015	12/05/2015		. 0 09/	Know > <br:< td=""><td>vn, <br i<br=""/>t>BR> Known</td><td>ngecuon site pain,injection site</td><td>Known</td><td>Parima ump at the injection site within 24 hours post vaccination. Recovery 4 days safet with no treatment needed.</td><td>Crossifed</td><td>1.21</td><td>ndowac LPM*- I,N/,N/,N/,L Vail is of nobivac LP (bath no A023A02) reconstituted with nobivac DHP (bath no A023A02) leath no A023A02) reconstituted with nobivac L4 Suspension for Injection for Dogs-I,N/,AyAR,-WRA, I vial of nobivac L4 (bath no A023A02) reconstituted with nobivac DHP (batch no A02</td><td> POSSIDIE</td><td>Lobe time and anatomical association, 2 vaccines administered.</td></br:<>	vn, t>BR> Known	ngecuon site pain,injection site	Known	Parima ump at the injection site within 24 hours post vaccination. Recovery 4 days safet with no treatment needed.	Crossifed	1.21	ndowac LPM*- I,N/,N/,N/,L Vail is of nobivac LP (bath no A023A02) reconstituted with nobivac DHP (bath no A023A02) leath no A023A02) reconstituted with nobivac L4 Suspension for Injection for Dogs-I,N/,AyAR,-WRA, I vial of nobivac L4 (bath no A023A02) reconstituted with nobivac DHP (batch no A02	POSSIDIE	Lobe time and anatomical association, 2 vaccines administered.
NOBIVAC L4	UK-VMD-1999/17	United Kingdom	Animal	Canine/dog	6.25 Year(s)	11/04/2017	18/04/2017	1 1	1 0 15/	04/2017 Not K	Known I	Injection site lump,Injection site serosanguinous discharge	Not Known	Small firm lump at vaccine injection site 4 days after vaccination, purulent serosanguinous fluid aspirated. Outcome unknown. Had previous exposure with no reactions.	Japanese Spitz	9.5	Nobivac L4 Suspension for Injection A for Dogs - N/A,N/A,N/A,N/A,N/A (11/04/2017-N/A) 	\ - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-2024/17	United Kingdom	Animal	Canine/dog	4 Month(s)	07/04/2017	19/04/2017	1 1	1 0 13/	04/2017 Not K	Known I	Injection site lump	Not Known	25mm lump on dorsal neck, towards shoulder blades. We assume at injection site. Freely moveable, non painful, non enythematous. Seen 24 hours after vaccination. Outcome unknown.	Crossbred	1.5	Nobivac L4 Suspension for Injection A for Dogs - 1,N/A,N/A ,N/A,Standard vial dose (07/04/2017- N/A) <	\ - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-2027/16	United Kingdom	Animal	Canine/dog	8 Year(s)	15/04/2015	06/05/2016	1 1	1 0 26,	> <br< td=""><td>vn, <br t> Known</br </td><td>Lack of efficacy</td><td>Not Known</td><td>Suspected lack of efficacy. Negative DIPE titre prior to booster. Protective titres 3 weeks post Nobivac Lepto 2 vaccination (had L4 the previous year). Vet suspects batch or storage issue. No further information.</td><td>: Schipperke</td><td>7</td><td>Nobivac DHP - 1,N/A,N/A,24,subcut N vaccination. (15/04/2015- N/A/sBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (15/04/2015- N/A) </td><td>i - Unlikely</td><td>Lepto titres not taken.</td></br<>	vn, <br t> Known</br 	Lack of efficacy	Not Known	Suspected lack of efficacy. Negative DIPE titre prior to booster. Protective titres 3 weeks post Nobivac Lepto 2 vaccination (had L4 the previous year). Vet suspects batch or storage issue. No further information.	: Schipperke	7	Nobivac DHP - 1,N/A,N/A,24,subcut N vaccination. (15/04/2015- N/A/sBR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (15/04/2015- N/A) 	i - Unlikely	Lepto titres not taken.
NOBIVAC L4	UK-VMD-2033/17	United Kingdom	Animal	Canine/dog	5 Month(s)	03/02/2017	20/04/2017	1 1	1 0 28/	02/2017 Not K	Known I	Immune mediated haemolytic anaemia	Not Known	Immune mediated haemolytic anaemia diagnosed 25 days after vaccination. Unknown previous exposure. Outcome unknown. Nothing further.	Chihuahua	1.5	Nobivac L4 Suspension for Injection B for Dogs - N/A,N/A,N/A,N/A,N/A (03/02/2017-N/A)	8 - Possible	Timing/signs consistent with product involvement.
NOBIVAC L4	UK-VMD-2035/15	United Kingdom	Animal	Canine/dog	3.16 Month(s)	12/05/2015	13/05/2015	1 1	1 0 12,	> <br:< td=""><td>vn, <br i<br=""/>t> <br s<br=""/>Known</td><td>Injection site inflammation,Injection site swelling,Injection site pain,Vocalisation,Injection site pain,Vocalisation,Injection site reddening</td><td>Not Known</td><td>Swelling, pain including vocalisation if touched, erythema and inflammation at the injection site starting within 6 hours post vaccination. Recovery 5 hours later with no treatment.</td><td>Chihuahua</td><td>1.5</td><td>Nobivac DHP - 1,N/A,N/A, 24,1 dosage form standard vaccine protocol - 2nd dose of a course of two vaccines (12/05/2015- N/A) -8R>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form 12/05/2015-N/A/SBR>-</td><td>3 - Possible</td><td>Close time and anatomical association, 2 products administered.</td></br:<>	vn, t> Known	Injection site inflammation,Injection site swelling,Injection site pain,Vocalisation,Injection site pain,Vocalisation,Injection site reddening	Not Known	Swelling, pain including vocalisation if touched, erythema and inflammation at the injection site starting within 6 hours post vaccination. Recovery 5 hours later with no treatment.	Chihuahua	1.5	Nobivac DHP - 1,N/A,N/A, 24,1 dosage form standard vaccine protocol - 2nd dose of a course of two vaccines (12/05/2015- N/A) -8R>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form 12/05/2015-N/A/SBR>-	3 - Possible	Close time and anatomical association, 2 products administered.
	UK-VMD-2041/15	United Kingdom	Animal	Canine/dog	2.12 Year(s)		13/05/2015	1 1		05/2015 Not K	s	Injection site abscess,Injection site swelling,Injection site ulcer	Not Known	Injection site swelling noted within 6 hours post vaccination. This developed into an injection site abscess which burst 5 days later leaving and area of injection site ulceration. Unspecified treatment given, outcome unknown.	Crossbred	34	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A ,24,N/A (08/05/2015-N/A) 	8 - Possible	Close time and anatomical association but other factors may have been involved in the development of the abscess.
NOBIVAC L4	UK-VMD-2044/17	United Kingdom	Animal	Canine/dog	2.58 Year(s)	13/04/2017	20/04/2017	1 1	1 0 13,	04/2017 Not K	Known (Conjunctivitis,Lethargy (see also Central nervous system depression in 'Neurological'),Third eyelid protrusion	Not Known	Significant conjunctivitis bilaterally with third eyelid protruding, unable to see comea and lethargic within 6 hours of vaccination. No previous reactions. Recovery with unknown treatment after 1 day. Nothing further.	Bulldog	20.2	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A ,N/A,1 vial (13/04/2017-N/A) 	8 - Possible	Timing consistent with product involvement.
	UK-VMD-2058/17	United Kingdom	Animal	Canine/dog	2.35 Month(s)	13/04/2017	21/04/2017	1 1		04/2017 Not K	Known I	Injection site pain	Not Known	Exceptionally painful reaction to the vaccine over the site of injection. Signs started less than 2 minute after vaccination and lasted approx "30secs. Vaccine had been warmed to room temp prior to administration.	s Siberian Husky	4.1	Nobivac L4 Suspension for Injection A for Dogs - N/A,N/A,N/A ,N/A,Administered vaccine by veterinary surgeon. (13/04/2017- N/A) 	A - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-2059/16	United Kingdom	Animal	Canine/dog	10.7 Year(s)	11/04/2016	13/05/2016	1 1	1 0 10,	> <br< td=""><td>vn, <br of<="" td=""/><td>Head tilt - ear disorder,Ataxia,Neurological symptoms NOS,Head tilt - neurological disorder</td><td>Not Known</td><td>Ataxia, left sided head tilt and veering to left when walking (coded as neurological symptoms NOS) starting within 3 Auour of second Noblocu. L.1 The dog had been given Noblvac DHPPI and L.4 4 weeks previously with no signs. Outcome unknown, signs had persisted for at least 24 hours. No further information.</td><td>Crossbred</td><td>24</td><td>Nobivac DHPPI - 1,N/A,N/A, 24,1 Dose (11/04/2016 N/A\ Nobivac L4 Suspension for Injection for Dogs - 1,2,4 Weeks,N/A,2 doses, 1 on 11/4/16, 2nd dos (11/04/2016- N/A\ >BR</td><td>8 - Possible</td><td>Clinical signs are not typical but may represent an inflammatory type III hypersensitivity reaction to the vaccination. Onset from second vaccine is consistent.</td></td></br<>	vn, <td>Head tilt - ear disorder,Ataxia,Neurological symptoms NOS,Head tilt - neurological disorder</td> <td>Not Known</td> <td>Ataxia, left sided head tilt and veering to left when walking (coded as neurological symptoms NOS) starting within 3 Auour of second Noblocu. L.1 The dog had been given Noblvac DHPPI and L.4 4 weeks previously with no signs. Outcome unknown, signs had persisted for at least 24 hours. No further information.</td> <td>Crossbred</td> <td>24</td> <td>Nobivac DHPPI - 1,N/A,N/A, 24,1 Dose (11/04/2016 N/A\ Nobivac L4 Suspension for Injection for Dogs - 1,2,4 Weeks,N/A,2 doses, 1 on 11/4/16, 2nd dos (11/04/2016- N/A\ >BR</td> <td>8 - Possible</td> <td>Clinical signs are not typical but may represent an inflammatory type III hypersensitivity reaction to the vaccination. Onset from second vaccine is consistent.</td>	Head tilt - ear disorder,Ataxia,Neurological symptoms NOS,Head tilt - neurological disorder	Not Known	Ataxia, left sided head tilt and veering to left when walking (coded as neurological symptoms NOS) starting within 3 Auour of second Noblocu. L.1 The dog had been given Noblvac DHPPI and L.4 4 weeks previously with no signs. Outcome unknown, signs had persisted for at least 24 hours. No further information.	Crossbred	24	Nobivac DHPPI - 1,N/A,N/A, 24,1 Dose (11/04/2016 N/A\ Nobivac L4 Suspension for Injection for Dogs - 1,2,4 Weeks,N/A,2 doses, 1 on 11/4/16, 2nd dos (11/04/2016- N/A\ >BR	8 - Possible	Clinical signs are not typical but may represent an inflammatory type III hypersensitivity reaction to the vaccination. Onset from second vaccine is consistent.
NOBIVAC L4	UK-VMD-2070/16	United Kingdom	Animal	Canine/dog	3.75 Year(s)	28/04/2016	10/05/2016	2 :	1 0 30,	> <br: Not Know ><br:< td=""><td>vn, <br i<br="" =""/>k>BR> (I vn, <br i<br="" =""/>vn, <br i<br="" =""/>k>BR> Known</td><td>Injection site swelling Injection site pain, Vocalisation, Anorexia, Hyperth ermia, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise</td><td>Not Known</td><td>Injection site pain and swelling. hyperthermia, lethargy, ancreais, malaise and vocalisation starting 2 days post Nobinac tepto 4, DHPPI and KC. Minimal response to amoxicillin and dexamethasione. Switched to predisio</td><td>Chihuahua</td><td>2.4</td><td>Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (28/04/2016- N/A,SR>CSRS-Nobivac KC - N/A,N/A,N/A,N/A,N/A (28/04/2016- N/A)SR>CSRS-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,N/A,1 vial (28/04/2016- N/A)>BR>>BR></td><td>3 - Possible</td><td>Onset is consistent with possible vaccine involvement, signs seen may fit. 3 vaccines used together, two of which were injectable.</td></br:<></br: 	vn, k>BR> (I vn, vn, k>BR> Known	Injection site swelling Injection site pain, Vocalisation, Anorexia, Hyperth ermia, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise	Not Known	Injection site pain and swelling. hyperthermia, lethargy, ancreais, malaise and vocalisation starting 2 days post Nobinac tepto 4, DHPPI and KC. Minimal response to amoxicillin and dexamethasione. Switched to predisio	Chihuahua	2.4	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (28/04/2016- N/A,SR>CSRS-Nobivac KC - N/A,N/A,N/A,N/A,N/A (28/04/2016- N/A)SR>CSRS-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,N/A,1 vial (28/04/2016- N/A)>BR>>BR>	3 - Possible	Onset is consistent with possible vaccine involvement, signs seen may fit. 3 vaccines used together, two of which were injectable.
NOBIVAC L4	UK-VMD-2078/16	United Kingdom	Animal	Canine/dog	6 Month(s)	04/04/2016	10/05/2016	6 6	5 0 04,	04/2016 Not K	Known I	Weight loss,Diarrhoea,Emesis,Facial oedema,Alopecia,Ataxia,Anorexia	Not Known	Emesis immediately following vaccination in all 6 puppies vaccinated with Nobivac L4 followed by diarrhoea in all 6 puppies. 5 puppies experienced weight loss, 4 puppies showed anorexia, 1 puppy showed ataxia and 1 puppy developed facial swelling which was treated by the attending vet. Outcom unknown. History of other Nobivac L4 reactions in the same kennels but details are unknown. No further information.	Border Collie e	Not Known	Nobivac L4 Suspension for Injection B for Dogs - N/A,N/A,N/A,N/A,N/A (04/04/2016-N/A) >BR>	8 - Possible	Clinical signs are consistent with possible product involvement but details are vague regarding onset of some signs and hence product involvement remains possible rather than likely.
NOBIVAC L4	UK-VMD-2081/15	United Kingdom	Animal	Canine/dog	3 Month(s)	11/05/2015	15/05/2015	1 :	0 11,	> <br:< td=""><td>vn, <br (<br=""/>k> (Known</td><td>Pale mucous membrane,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Dyspnoea</td><td>Not Known</td><td>Justice irrormation. Collapse, pale mucius membranes and dysprocea within 2 minutes post vaccination. Recovery 2 days later following treatment with oxygen, steroids, frusemide and pimobendan.</td><td>Crossbred</td><td>4.5</td><td>Nobivac DHP - 1.N/A,N/A,24,One dose (non vial) Mixed with Nobivac L4 as Dilluent Lot no a027a01 (11/05/2015-N/A) L4 as Dilluent Lot no a027a01 (11/05/2015-N/A) L5 L5 As Nobivac L4 as Dilluent Lot no for Dogs-1,N/A,N/A,24,Nobivac L4 as a dilluent (11/05/2015-N/A) L8 SSR>-SR>-SR>-SR>-SR>-SR>-SR>-SR>-SR>-SR></td><td>8 - Possible</td><td>Close time association, possible hypersensitivity reaction.</td></br:<>	vn, k> (Known	Pale mucous membrane,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Dyspnoea	Not Known	Justice irrormation. Collapse, pale mucius membranes and dysprocea within 2 minutes post vaccination. Recovery 2 days later following treatment with oxygen, steroids, frusemide and pimobendan.	Crossbred	4.5	Nobivac DHP - 1.N/A,N/A,24,One dose (non vial) Mixed with Nobivac L4 as Dilluent Lot no a027a01 (11/05/2015-N/A) L4 as Dilluent Lot no a027a01 (11/05/2015-N/A) L5 L5 As Nobivac L4 as Dilluent Lot no for Dogs-1,N/A,N/A,24,Nobivac L4 as a dilluent (11/05/2015-N/A) L8 SSR>-SR>-SR>-SR>-SR>-SR>-SR>-SR>-SR>-SR>	8 - Possible	Close time association, possible hypersensitivity reaction.
NOBIVAC L4	UK-VMD-2082/15	United Kingdom	Animal	Canine/dog	9.08 Year(s)	17/04/2015	15/05/2015	1 1	0 17/	> <br:< td=""><td>vn, <br s<br=""/>X>BR> '</td><td>Lethargy (see also Central nervous system depression in 'Neurological'), Diarrhoea, Anorexia</td><td>Not Known</td><td>Lethargy and anorexia starting within 1 hour post vaccination. Diarrhoea started 2 days later. Recover 2 weeks later, no treatment given.</td><td>y West Highland White Terrier</td><td>11</td><td>Nobivac DHP - 1,N/A,N/A,24,normal B single vial (17/04/2015- N/A)-BR- Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,normal single vial (17/04/2015-N/A) </td><td>8 - Possible</td><td>Close time association, but signs are non-specific, 2 products given.</td></br:<>	vn, X>BR> '	Lethargy (see also Central nervous system depression in 'Neurological'), Diarrhoea, Anorexia	Not Known	Lethargy and anorexia starting within 1 hour post vaccination. Diarrhoea started 2 days later. Recover 2 weeks later, no treatment given.	y West Highland White Terrier	11	Nobivac DHP - 1,N/A,N/A,24,normal B single vial (17/04/2015- N/A)-BR- Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,normal single vial (17/04/2015-N/A) 	8 - Possible	Close time association, but signs are non-specific, 2 products given.

NOBIVAC L4	UK-VMD-2092/17	United Kingdom	Animal	Canine/dog	3 Month(s)	24/03/2017	22/04/2017	1 1	0 21/04/	017 Not Known	Injection site swelling, Injection site pruritus, Sleepiness - systemic disorder, Vocalisation, Distress	Not Known	Vocalisation, distress and injection site swelling within 2 minutes post 2nd dose vaccination followed by lethargy and injection site pruritus. No treatment given, outcome unknown.	Crossbred	13.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (24/03/2017-21/04/2017) RR> 	B - Possible	Close time association, some of the signs are expected.
NOBIVAC L4	UK-VMD-2095/15	United Kingdom	Animal	Canine/dog	2.55 Month(s)	13/05/2015	15/05/2015	1 1	0 14/05/:	D15 Not Known, <bf> ×BR> BR> Yes, >BR> R>BR>BR> BR>BR> BR> BR></bf>	Inappetence,Lethargy (see also Central nervous system depression in "Neurological"],Pyrexia	No Data	Hyperthermia, lethargy, anorexia within 24 hours of vaccination. Worsened within the following 24 hours. Unknown treatment given, no previous reaction on vaccination one month prior.	English Springer Spaniel	4.6	Advocate Spot-on Solution for Medium Dogs - 1,11/A,N/A, 24,N/A (13,105/2015- 13/05/2015-18-RB-NebNyac D1P-1,N/A,N/A, N/A,1 vial (13,05/2015- 13/05/201	B - Possible	These clinical signs are known to occur following vaccination.
NOBIVAC L4	UK-VMD-2108/15	United Kingdom	Animal	Canine/dog	3.5 Month(s)	20/04/2015	18/05/2015	1 1	0 25/04/:	D15 Not Known, <bf >BR>BR>BR> Yes, BR>No Known</bf 	(generalised)	Not Known	Cough, occasionally productive, positive tracheal pinch (Veddra-trachetts), entarged bilateral submandibular lymph nodes within 5 days of vaccination. Treated with antibiotics and artifulfarmatories. Nothing further.	Crossbred	5.3	Nobivac DHP - 1,N/A,N/A,24,N/A (20)04/2015-N/A)-BRS-SRS-Nobivac KC - 1,N/A,N/A, 24,N/A (20)04/2015- N/A/-BR>-BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (20)04/2015- N/A)-BR>-BR>	No assessment performed	
NOBIVAC L4	UK-VMD-2112/17	United Kingdom	Animal	Canine/dog	10.33 Year(s)	12/04/2017	25/04/2017	1 1	0 14/04/	017 Not Known	Injection site lump, Injection site abscess	Not Known	Lump developed at vaccine site within 48 hours, over 10 days this mass extended down neck and on 24/4/17 dag was represented at vets and found to have abscess at vaccine site. Outcome unknown.	Toy Poodle	6.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 Singleuse vial of nobivac Lepto 4 administered subcutaneously on 12/4/2017 (12/04/2017- N/A/SBR>SBR>	B - Possible	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-2147/15	United Kingdom	Animal	Canine/dog	2 Month(s)	15/05/2015	19/05/2015	1 1	0 15/05/	D15 Not Known, <bf > <br< td=""><td>Listless,Pyrexia</td><td>Not Known</td><td>hyperthermia and lethargy 24 hours after vaccination persisting for 24 hours. Emesis 36 hours after vaccination, persisting for 48 hours. Recovery after unspecified treatment. No further information expected.</td><td>Staffordshire Bull Terrier</td><td>4.3</td><td>Nobivac DHP - N/A,N/A,N/A N/A,N/A (15/05/2015- 15/05/2015) Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (15/05/2015- 15/05/2015) ></td><td>B - Possible</td><td>Clinical signs of pyrexia and lethargy may be consistent, emeis not expected but possible. Temporal onset is consistent. Two products used, possible product reaction.</td></br<></bf 	Listless,Pyrexia	Not Known	hyperthermia and lethargy 24 hours after vaccination persisting for 24 hours. Emesis 36 hours after vaccination, persisting for 48 hours. Recovery after unspecified treatment. No further information expected.	Staffordshire Bull Terrier	4.3	Nobivac DHP - N/A,N/A,N/A N/A,N/A (15/05/2015- 15/05/2015) Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (15/05/2015- 15/05/2015) >	B - Possible	Clinical signs of pyrexia and lethargy may be consistent, emeis not expected but possible. Temporal onset is consistent. Two products used, possible product reaction.
NOBIVAC L4	UK-VMD-2175/15	United Kingdom	Animal	Canine/dog	4.17 Year(s)	14/05/2015	30/09/2015	1 1	0 15/05/:	Not Known, <bf > <br: Not Known</br: </bf 	Irregular breathing, Dyspnoea, Lethargy (see also Central nervous system depression in 'Neurological'), Inappetence, Cough, Elevated temperature, Dull	Not Known	Cough 24 hours after vaccination with Nobbace KC and L4 in a dog with a previous history of Kennel Cough 1.5 years proviously. Positive tracheal pinch, dysprose, previa and lethargy 6 days later. Treated with NSAIDs. Improved but still coughing 6 days later.	Jack Russell Terrier	6	Noblava KC - 1,N/A,N/A, 24,One vial of vaccine mixed with [14/05/2015-14/05/2015-RR-Noblavac L4 Suspension for injection for Dogs-1,N/A,N/A,2/A,Dne vial of vaccine mixed with [14/05/2015-14/05/2015-8R> 	O - Unclassifiable/unassessa ble	The dog was treated with a concurrent intransal seneral coulty accounts at the same time. The onset of signs is short making transmission of infectious agents from the Kennel Cough vaccine cellsely although this may be possible. The dog has a previous hattory of respiratory disease and the dog may have already been incubating kennel cough at the time of vaccination. Vaccine involvement cannot be ruled out, however, in a product hypersensitivity role. There is undeficient information for accurate assessment.
NOBIVAC L4	UK-VMD-2177/16	United Kingdom	Animal	Canine/dog	8 Year(s)	14/05/2016	16/05/2016	1 1	0 14/05/	D16 Not Known, <bf > <br< td=""><td>Diarrhoea, Emesis, Inappetence</td><td>Not Known</td><td>Emesis, diarrhoea and inappetence starting within 6 hours of Nobivac DHP and L4. Signs persisted for at least 2 days but outcome is unknown. No further information.</td><td>Crossbred</td><td>10.8</td><td>Nobivac DHP - N/A,N/A,N/A,N/A,A/As instructed by data sheet (14/05/2016-N/A) -BR>Nobivac L4 Suspension for Injection for Dogs-N/A,N/A,N/A,N/A,N/A,N/A (14/05/2016-N/A) -BR>-BR></td><td>B - Possible</td><td>Clinical signs and onset are consistent with possible vaccine involvement but two were used together.</td></br<></bf 	Diarrhoea, Emesis, Inappetence	Not Known	Emesis, diarrhoea and inappetence starting within 6 hours of Nobivac DHP and L4. Signs persisted for at least 2 days but outcome is unknown. No further information.	Crossbred	10.8	Nobivac DHP - N/A,N/A,N/A,N/A,A/As instructed by data sheet (14/05/2016-N/A) -BR>Nobivac L4 Suspension for Injection for Dogs-N/A,N/A,N/A,N/A,N/A,N/A (14/05/2016-N/A) -BR>-BR>	B - Possible	Clinical signs and onset are consistent with possible vaccine involvement but two were used together.
	UK-VMD-2181/16	United Kingdom	Animal	Canine/dog		22/04/2016	16/05/2016	1 1	0 23/04/	Known, <bf > >BR Not Known</bf 	Emesis, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Weakness		Weakness, letharge, emesis and anorexia starting within 24 hours after first vaccination. Second vaccinations were given 2 weeks apart (DHP and L4). Outcome unknown. No further information.	Maltese		Nobivac DHP - 1,N/A,N/A ,10,1ML (22/04/2016-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,N/A (22/04/2016- N/A) 	B - Possible	Temporal onset consistent and signs may represent hypersensitivity or other vaccine reaction. Two products used.
	UK-VMD-2204/15	United Kingdom	Animal		1.2 Year(s)	15/05/2015	21/05/2015	1 1	0 15/05/:	Known, BR> >BR> Not Known		Not Known	Chemosis, allergic cedema (facial) and blephantis 1-2 hours post vaccination with Nobivac DHP and L4 Outcome unknown. No further information expected.		19	Nobivac DHP - 1,N/A,N/A,24,N/A (15/05/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (15/05/2015- N/A) 	B - Possible	Clinical signs may be consistent with allergic reaction, other causes cannot be excluded and two products involved. Possible product reaction.
NOBIVAC L4	UK-VMD-2211/15	United Kingdom	Animal	Canine/dog	10.17 Year(s)	21/04/2015	21/05/2015	2 2	0 21/04/:	Not Known, <bf > <br Not Known</br </bf 		Not Known	Lethaugs, increased borton-grouss and flatulence in 2 dogs from the same litter within 24 hours post vaccination and start of oral Metacam assumed to be 1.5 mg/m loral Metacam as this is the market formulation). Recovery in both dogs 1 week later. Similar signs were seen in 1 out of 2 of these dogs 1 month later within 24 hours following 2nd dose vaccination. On this occasion no Metacam was administered.	Shetland di Sheepdog	Not Known	Metacam 1.5 mg/ml Oral suspension for Dogs - 1,N/A,N/A 24,N/A (21/04/2015- N/A)-BR>-GB>-Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A,24,gave 1 vaccination does subcutaneously 4 weeks apart (2nd dose on 19/05/2015 stopped giving metacam (21/04/2015- 21/05/2015/sBR>-GBR>	B - Possible	Close time association but 2 products administered, however, similar signs were seen in one of the 2 dogs following 2nd dose vaccination when the 2nd product, Metacam, was not administered.
	UK-VMD-2213/17	United Kingdom	Animal		4 Month(s)	28/04/2017	09/05/2017	1 1	0 28/04/:	Known, BR> >BR> KBR> Not Known	depression in 'Neurological'),Anorexia,Vomiting	Not Known	Vomited, anorexia, lethargy, pain reaction (we assume at injection site) apprx 30 minutes after vaccination. Reaction duration one day	Crossbred		Nobivac DHP - N/A,N/A,N/A N/A,Ull vaccine (28/04/2017- N/A) -SBR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml Unknown 1 Animal (28/04/2017-N/A) -SBR>	B - Possible	Timing/clinical signs suggest product involvement. Two porducts administered
NOBIVAC L4	UK-VMD-2228/16	United Kingdom	Animal	Canine/dog	1.1 Year(s)	17/05/2016	24/05/2016	1 1	0 17/05/	016 Not Known, <bf > <br Not Known</br </bf 	Facial oedema, Periorbital oedema	Not Known	Facial oxeems including perioribital within 2 hous of vaccination. Eyes swollen shut and all facial folds missing. Previous occuration with Vangard 7 in hungary. Antitlet for treatment of anjaphylaxis. Intravenous steroids, IM antihistamine. Discharged after 3 hours and recovered after an unknown time. No further information.	Pug	8.45	Nobivac DHP - 1,N/A,N/A ,10,reconstituted vaccination 1ml (17/05/2016-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,reconstituted vaccination 1ml (17/05/2016- N/A) > >	B - Possible	Anaphylaxis starting within 2 hours of vaccination is consistent with involvement of one or both vaccines given.

NOBIVAC L4	UK-VMD-2229/16	United	Animal	Canine/dog	2.1 Monthic	17/05/2016	24/05/2016	1 1	0 17/05/20	16 Not	Diarrhoea,Intestinal disorder	Not	Emesis and diarrhoea starting with a few hours of Nobivac L4, DHP and an unknown time after	English	3.4	Advantage 40 mg Spot-on Solution	B - Possible	Clinical signs may be consistent with
		Kingdom	evmil01	Cannic/u0g	a. I month(s)				0 17/05/20	Known, Known, KR> HR> HR> Not Known, Known, HR> HR> Not Known	NOS,Lethargy (see also Central nervous system depression in 'Neurological'),Dyspnoea,Emesis	Known	Advantage. Dysponea noted 1 hour later. Presented to vets, clinical exam showed: lethargy and slightly thickened intestines. Treatment with Colvasone. No further information.	y Springer Spaniel	3.4	for Small Cats, Small Dogs and Pet Rabbits - N/A,N/A,N/A,N/A,N/A,N/A (N/A-N/A)-RS-RS-Nobivac DHP - 1,N/A,N/A,10,1 dose/1 ml (17/05/2016-17/05/2016-18-SR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml (17/05/2016- 17/05/2016/BR>-BR>-NB		hypersensitivity/inflammatory reaction. Onset is consistent but at least 2 products including 2 vaccines were given together.
NOBIVAC L4	UK-VMD-2232/15	United Kingdom	Animal	Canine/dog	8.92 Year(s)	28/04/2015	22/05/2015	2 2	0 28/04/20	15 Yes	Increased borborygmus	No Data	Increased borborygmus in 2/2 vaccinated 6 hours prior. Duration 12 hours. No treatment given, no previous reaction; nothing further.	Jack Russell Terrier	9.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (28/04/2015-28/04/2015) BR>	B - Possible	Timing suggestive of product related reaction however could be other causes of clinical signs seen and especially considering seen in both dogs there could be other underlying causes.
NOBIVAC L4	UK-VMD-2233/15	United Kingdom	Animal	Canine/dog	5.08 Year(s)	20/05/2015	22/05/2015	1 1	0 22/05/20	15 Yes	Diarrhoea	No Data	Diarrhoea within 48 hours of vaccination. Duration 2-3 days, unknown treatment given. Same reaction after L4 booster vaccination. Nothing further.	Saluki	25.4	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A,1 VACCINE DOSE (20/05/2015- 20/05/2015)<8R><8R>	A - Probable	Considering same clinical signs and presentation post both vaccines, it is suggestive of probable product related reaction.
NOBIVAC L4	UK-VMD-2240/17	United Kingdom	Animal	Canine/dog	8.52 Year(s)	16/03/2017	02/05/2017	1 1	0 17/03/20	I7 Not Known, BR > BR>BR> Not Known	abdomen,Pyrexia	Not Known	Normal the morning following the vaccination. Owner returned from work to find Barney weak, almost falling over, moving with arched back and stiff. Abdomen felt tene and a bit pendulous, pyrexi (39.4C, imacous membranes pink, CRT 1 sec. No previous reaction. Treated for pyrexia and given architectures. Recovery after 8 hours. Nothing further.	Yorkshire c Terrier	9.1	20/05/2015/eBR>eBR>BRSPABRS Noblava KC - 1/N/AN/A, N/A/N/A (16/03/2017-N/A) <brs>BR>Noblvac L4 Suspension for Injection for Dogs 1,N/A,N/A, 10,1ml of Noblvac L4 SQ intra-nasally. (16/03/2017- N/A) -BR>-BR></brs>	B - Possible	Not typical duration of onset for hypersensitivity, but product involvement cannot be excluded. Two vaccines administered.
	UK-VMD-2254/17	United Kingdom	Animal	Canine/dog		27/04/2017	02/05/2017	1 1	0 27/04/20	Known,
 Not Known</br 	skin sensitivity,Off colour	Not Known	Quiet, lethangs, shaking, hypersensitisation (especially around the neck) within 30 minutes of vaccination. No previous exposure. Recovery without treatment after 5 hours. Nothing further.	Crossbred	5	Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (27/04/2017- N/A) -CBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (27/04/2017- N/A) -CBR>	B - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
	UK-VMID-2257/17	United Kingdom	Animal	Canine/dog	2.21 Year(s)	20/04/2017	24/05/2017	1 1	0 22/04/20	17 Not Known	Injection site abscess. Jnjection site swelling. Injection is the pain-Injection site warmth,Off colour, Elevated temperature, Lethargy (see also Central nervous system depression in Neurological')	Not n Known	Case received from Veterinary Medicines Directorate. Suspected adverse reaction Swelling, heat and pain a site of Vocation 70 poly succe, developing into an aboxes of July post-vocationation 20 pd 2017 with Nobbac L4. Owner reported to have been unwell since vaccination. No previous reactions. Aboxess lanced and treated with antibiotics and improved. Swolf from pust showed infl growth (settended growth still underway). Vet reports do gstraggled at time of vaccination. Outcome unknow Nothing further. Care projected for Med no 3 May 2017. Vaccination 60 no 3 May 10 217 with Nobbac L4. Then on 12 April 2017 the dog was lethargic with a temperature of 39.4, it also had a painful injection site swelling. They gave non seroidatis. Then on 2.4 April 2017 the dog is better, still inspeptant and temperature is 39.5 they gave antibiotics. Then on 12 April 2017 the bode file ECT 2 April 2017 with Nobbac L4 whall they apprieted for from the lamp, is unknown shaft in bloed file. 27 April they selded and whall they apprieted for from the lamp, is unknown shaft in bloed file. 27 April they selded and value in the province of the provinc	Crossbred I	7.5	Nobiwa: L4 Suspension for Injection for Togs: 1.NA/A/N,A/Sigle vaccination (20/04/2017-N/A)-BR>-BR>-BR>	B - Possible	Trining/layan/location consistent with product incoherent refront at the time of vaccination likely related to the act of injection.
NOBIVAC L4	UK-VMD-2275/16	United Kingdom	Animal	Canine/dog	7 Year(s)	15/12/2015	20/05/2016	1 1	0 22/04/20	L6 Yes, GBR-GBR-CF R>GBR-GBR>OR Known, GBR>GBR > GBR-GBR> Not Known, GBR-SBR > GBR-SBR> Not Known	Vasculits, Disorder of red blood cell NOS,Enythematous rash, Low platelet count	I Not Known	Enthematous rash on ventral abdomen and primes giving the appearance of vasculitis within 21 days of administration, good entievels well Bloods showed very minor increased in hematocit, very minor decrease in mean corpuscular haemoglobin concentration, midly low platelet count. Treated with antibiotics; outcome unknown. Dog already suffering with Demodes. Nothing further.	Other r Canine/dog	21	Bravetco 1000 mg Chewalabe Tablets for Dogs - 11/A/A/, /A/A/A/, (A/A/A) (D1/QA/2016-01/QA/2016-BR-S-BR-Naliaseb Shampoo for Dogs and Cats-NA/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/	No assessment performed	
	UK-VMO-2285/17	United Kingdom	Animal	Canine/dog	6 Year(s)	12/04/2017	04/05/2017	3 3		7 Not Known	Faecal impaction/Hepatopathy,Adipsia,Anr in,Dysponea,Pulmonary oederma,Death thy euthanasia,Anorexia,Hypothermia, Weakness,Ascites,Elevated renal parameters	Not u Known	Owner reported 16 days port succination dog behaving commally including playing ball in fields with on other dogs until after that day when at refused nomal food completely and without 2nt schopped until on the days of the complete of the	Retriever		Nebbuc L4 Supervisor for injection for Togs: 1.1NA/A,0.1.ml vet dose (12/04/2017-N/A)-BR>-BR>	01 - Incanclusive	Post mortem examination did not establish cause of death and also did not destre (lepsops) however product involvement in clinical signs seen in this case cannot be fully discounted.
NOBIVAC L4	UK-VMD-2291/16	United Kingdom	Animal	Canine/dog	11.19 Year(s)	19/05/2016	20/05/2016	1 1	0 19/05/20	L6 Not Known, BR > BR>BR> Not Known	Ernesis, Periorbital oedema, Urticaria, Facial oedema	Not Known	Uticaria on ventral abdomen and pinnae, periorbital and facial allergic oedema and emesis (once) starting within 30 minutes of vaccinistino. Signs pensisted for 2 days but outcome is unknown. An unknown treatment was given. No further information.	Dachshund (Standard) Long-haired	4.9	Nobivac DHP - 1,N/A,N/A, 24,DHP reconstituted with L4 vaccine, whole dose given under the skin. (19/05/2016-N/A)-BRS-SRS-Nobivac L4 Suspension for injection for Dogs 1,N/A,N/A, 24,N/A (19/05/2016-N/A)-BRS-SRS-	B - Possible	Clinical signs are consistent with vaccine hypersensitivity but two were used together; one or both products may be involved.
NOBIVAC L4	UK-VMD-2293/16	United Kingdom	Animal	Canine/dog	2.45 Month(s)	11/05/2016	20/05/2016	1 1	0 11/05/20	LG Not Known, >BR > >BR> Not Known	Diarrhoea,Polyuria,Urinary tenesmus	Not Known	Diarrhoea, polyuria and urinary tenesmus starting within 24 hours of Nobivac L4 and DHP. Signs persisted for at least 2 days. No treatment was given and outcome is unknown. No further information.	Labrador Retriever	9.2	Nobivac DHP - 1,N/A,N/A,N/A,N/A (11/05/2016-N/A) RES-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial (11/05/2016-N/A) RES-SER>	O1 - Inconclusive	Diarrhoea can be seen following vaccinations indicating hypersensitivity. Other signs are not expected but a temporal association exists.

NOBIVAC L4	UK-VMD-2299/16	United	Animal	Canine/doø	2.06	21/05/2016	21/05/2016	1 1	0 21/05/20	16 Not	Periorbital oedema, Hypersensitivit	v Not	Right sided periorbital oedema within 1 hour of vaccination. Vet suspects allergic reaction to	English Cocker	4.44	Nobivac DHP - 1,N/A,N/A,N/A,1 vial B	3 - Possible	Signs are consisted with possible hypersensitivity
	,	Kingdom		,,6	Month(s)	, 5,5510	,,			Known, <br< td=""><td></td><td>Known</td><td>vaccination. Unknown treatment given, outcome unknown. No further information.</td><td>Spaniel</td><td> </td><td>of each (21/05/2016- N/A) Nobivac L4</td><td></td><td>reaction although are very localised. Two vaccines used together so one or both could be involved.</td></br<>		Known	vaccination. Unknown treatment given, outcome unknown. No further information.	Spaniel		of each (21/05/2016- N/A) Nobivac L4		reaction although are very localised. Two vaccines used together so one or both could be involved.
										Not Known					l	Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A(21/05/2016-		and together so one or sould could be involved.
										1		L		L		N/A) 		
NOBIVAC L4	UK-VMD-2300/16	United Kingdom	Animal	Canine/dog	1.25 Year(s)	05/05/2016	22/05/2016	1 1	0 14/05/20	I6 Not Known, <br< td=""><td>Emesis,Cough,Uncoded sign</td><td>Not Known</td><td>Cough and emesis including mucoid material starting 9 days post Nobivac KC, DHP and L4. Improvement on Metacam but ongoing at reporting. No further information.</td><td>Bulldog</td><td>24.1</td><td>,N/A,N/A (05/05/2016-</td><td>4 - Unlikely</td><td>Onset prolonged, signs are not expected and are more likely due to field infection or one of the other</td></br<>	Emesis,Cough,Uncoded sign	Not Known	Cough and emesis including mucoid material starting 9 days post Nobivac KC, DHP and L4. Improvement on Metacam but ongoing at reporting. No further information.	Bulldog	24.1	,N/A,N/A (05/05/2016-	4 - Unlikely	Onset prolonged, signs are not expected and are more likely due to field infection or one of the other
										> 	•					N/A) Nobivac KC - 1,N/A,N/A ,N/A,1 vial (05/05/2016-		products used.
										Known, <br< td=""><td>:</td><td></td><td></td><td></td><td></td><td>N/A) Nobivac L4 Suspension for Injection for Dogs</td><td></td><td></td></br<>	:					N/A) Nobivac L4 Suspension for Injection for Dogs		
										Not Known						N/A,N/A,N/A ,N/A,N/A (05/05/2016-		
NOBIVAC L4	UK-VMD-2322/17	United	Animal	Canine/dog	11 Year(s)	19/10/2016	17/05/2017	1 1	1 21/10/20:		Diarrhoea,Congestive heart	Not	Initially diarrhoea then collapse within 2 days of treatment/vaccination. Pre-existing heart murmur.	Border Collie	22	N/AI Advocate Spot-on Solution for Large O	01 - Inconclusive	Timing consistent with product involvement with
		Kingdom								Known, <br< td=""><td>failure,Circulatory collapse (see also 'Neurological' and 'Systemic</td><td>Known</td><td>Diagnosed with congestive heart failure on 14/1/17. No previous exposure. Death on an unknown date. Nothing further MAH (BAYER) comment: changed Droncit unknown formulation to "Droncit</td><td></td><td></td><td>Dogs - N/A,N/A,N/A ,N/A,Product size NCA best guess (N/A-</td><td></td><td>diarrhoea. Cardiac murmur pre-existing and product involvement in cardiac failure and death unlikely.</td></br<>	failure,Circulatory collapse (see also 'Neurological' and 'Systemic	Known	Diagnosed with congestive heart failure on 14/1/17. No previous exposure. Death on an unknown date. Nothing further MAH (BAYER) comment: changed Droncit unknown formulation to "Droncit			Dogs - N/A,N/A,N/A ,N/A,Product size NCA best guess (N/A-		diarrhoea. Cardiac murmur pre-existing and product involvement in cardiac failure and death unlikely.
										Not Known. <br< td=""><td>disorders'),Death</td><td></td><td>Tabl (50 mg Praz) Cat / Dog 10 kg " as only authorised Droncit product in UK for dogs. Reaction end date and death date added as 2017. Medical History Veddra term "Heart murmur" added.</td><td></td><td></td><td>N/A) Droncit Tablets 50 mg - N/A,N/A,N/A,N/A,N/A</td><td></td><td>Multiple products administered.</td></br<>	disorders'),Death		Tabl (50 mg Praz) Cat / Dog 10 kg " as only authorised Droncit product in UK for dogs. Reaction end date and death date added as 2017. Medical History Veddra term "Heart murmur" added.			N/A) Droncit Tablets 50 mg - N/A,N/A,N/A,N/A,N/A		Multiple products administered.
										> 			dute and death date added as 2017. Healest history years a centre from the manner			(01/01/2016-N/A) Nobivac DHP - 1,N/A,N/A ,N/A,N/A		
										Known, <br< td=""><td>:</td><td></td><td></td><td></td><td></td><td>(19/10/2016-N/A) Nobivac</td><td></td><td></td></br<>	:					(19/10/2016-N/A) Nobivac		
										> <	•					L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,N/A (19/10/2016-		
																N/A) 		
NOBIVAC L4	UK-VMD-2327/17	United Kingdom	Animal	Canine/dog	5 Month(s)		05/05/2017	1 1	0 13/03/20:	I7 Not Known, <br< td=""><td>Lack of efficacy (parvovirus)</td><td>Not</td><td>Received Nobivac DHP (A095A01) on 19/12/16 and DHP (A100D02) on 03/01/17 at over 10 weeks old but still contracted parvovirus. Diagnosis with in house SNAP parvo test. Recovery after 8 days with IV</td><td>Crossbred</td><td>11.9</td><td>Nobivac DHP - 1,N/A,N/A ,N/A,N/A N (03/01/2017-</td><td>l - Unlikely</td><td>Product does not provide immunity to parvo virus.</td></br<>	Lack of efficacy (parvovirus)	Not	Received Nobivac DHP (A095A01) on 19/12/16 and DHP (A100D02) on 03/01/17 at over 10 weeks old but still contracted parvovirus. Diagnosis with in house SNAP parvo test. Recovery after 8 days with IV	Crossbred	11.9	Nobivac DHP - 1,N/A,N/A ,N/A,N/A N (03/01/2017-	l - Unlikely	Product does not provide immunity to parvo virus.
		iunguoiii								> <br< td=""><td></td><td>KILOWII</td><td>fluids, cerenia and zinacef. Nothing further.</td><td></td><td></td><td>03/01/2017) Nobivac L4</td><td></td><td></td></br<>		KILOWII	fluids, cerenia and zinacef. Nothing further.			03/01/2017) Nobivac L4		
										Not Known						Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,N/A (N/A-		
NOBIVAC L4	UK-VMD-2346/17	United	Animal	Canine/dog	9.17 Year(s)	24/04/2017	16/05/2017	1 1	0 03/05/20	17 Not Known	Injection site abscess,Pyrexia,Off	Not	Swelling at injection site, aspiration would suggest abscess, pyrexia (40.4 C) but clinically only a bit	English	22.2	N/AI Nobivac L4 Suspension for Injection A	N - Probable	Timing/signs/location consistent with vaccination site
		Kingdom									colour,Injection site swelling	Known	below par within 9 days of vaccination. Clinical response to antibiotics. Outcome unknown. Nothing further. NEW* Case received from Veterinary medicines Directorate Suspected adverse reaction	Springer Spaniel	l	for Dogs - N/A,N/A,N/A ,N/A,Single vaccine dose (24/04/2017-		reaction, due to either product or vaccination technique.
													Swelling at injection site, aspiration would suggest abscess, pyrexia (40.4 C) but clinically only a bit below par within 9 days of vaccination which was given on 24 April 2017 Nobivac L4. Clinical response			N/A) 		
MOBILIACI	UK-VMD-2370/16	United	Animal	Canine /d-	4.34 Year(s)	19/05/2016	25/05/2016	1	0 19/05/20:	IS Not	Facial oedema.Respiratory sound	Not	below par within 9 days or vaccination which was given on 24 April 2017 Robivac L4. Limical response to artibiotics. Outcome unknown. Nothing further. Facial allergic oedema within 30 minutes of vaccinations followed some time later by increased	Chihuahua		Nobivac DHP - 1,N/A,N/A ,24,Full B	8 - Possible	Signs consistent with probable hypersensitivity
NOBIVAC L4	UK-VMD-23/0/16	United Kingdom	Animai	Canine/dog	4.34 Year(s)	19/05/2016	25/05/2016	1 1	0 19/05/20	Known, <br< td=""><td>Facial oedema, Kespiratory sound</td><td>Known</td><td>respiratory sounds. No treatment given, signs persisted for at least 5 hours. Outcome unknown.</td><td>Chinuanua</td><td>1.92</td><td>dose of vaccine Subcutaneously</td><td>s - Possible</td><td>reaction to one or both vaccinations.</td></br<>	Facial oedema, Kespiratory sound	Known	respiratory sounds. No treatment given, signs persisted for at least 5 hours. Outcome unknown.	Chinuanua	1.92	dose of vaccine Subcutaneously	s - Possible	reaction to one or both vaccinations.
										> <	,					(19/05/2016-N/A) Nobivac L4 Suspension for Injection for Dogs		
																1,N/A,N/A ,24,N/A (19/05/2016- N/A) 		
NORIVAC I A	UK-VMD-2373/16	United	Animal	Caning/dog	2.3 Year(s)	06/04/2016	25/05/2016	1 1	0 08/04/20	I6 Not	Dry lip,Skin scab	No Data	Dry lips, skin scab on lips within 48 hours of vaccination. Outcome unknown, no further information.	German	38	* *	01 - Inconclusive	Close temporal association, however clinical signs are
NODIVAC 24	OK VIIID 2373/10	Kingdom	Adminut	cumic/dog	2.5 (cu(5)	00/04/2010	23/03/2020		0 00/04/20	Known, <br< td=""><td>Si y np,san scao</td><td>No Data</td><td>ory nps, san season nps within 40 hours of vaccination. Outcome analown, no father minimation.</td><td>Shepherd Dog</td><td>30</td><td>Large Dogs - N/A,N/A,N/A,N/A,N/A (N/A-N/A) Drontal Plus</td><td>or medicidate</td><td>unusual and could be due to another underlying</td></br<>	Si y np,san scao	No Data	ory nps, san season nps within 40 hours of vaccination. Outcome analown, no father minimation.	Shepherd Dog	30	Large Dogs - N/A,N/A,N/A,N/A,N/A (N/A-N/A) Drontal Plus	or medicidate	unusual and could be due to another underlying
										> <	`					Flavour Bone Shaped Tablets -		cause. Overall cannot rule out product involvement
										Known, <br< td=""><td></td><td></td><td></td><td></td><td></td><td>N/A,N/A,N/A ,N/A,N/A (N/A- N/A) Nobivac L4</td><td></td><td></td></br<>						N/A,N/A,N/A ,N/A,N/A (N/A- N/A) Nobivac L4		
										Yes						Suspension for Injection for Dogs - 1.N/A.N/A .24.N/A (06/04/2016-		
																06/04/2016) 		
NOBIVAC L4	UK-VMD-2373/17	United Kingdom	Animal	Canine/dog	9.1 Year(s)	27/04/2017	18/05/2017	1 1	0 29/04/20	17 Not Known	Injection site swelling, Skin warmth, Swelling NOS	Not	Needle shy patient necessitated injection L flank. Quite a lot of movement at the time. Developed swelling within 48 hours of vaccination of Nobivac L4 on 27 April 2017, presented 2wks later with	English Springer	20	Nobivac L4 Suspension for Injection B for Dogs - N/A,N/A,N/A	3 - Possible	Timing/signs/location consistent with product involvement. Patient moving during injection likely
		Kingdoili									warmen, swelling 1403	KIOWII	diffuse swelling L lateral hemithorax. Heterogenous texture (firm core, softer periphery), local heat, no other issues detected. No previous reactions. Outcome unknown. Nothing further.	Spaniel		,N/A,Administered L flank as needle (27/04/2017-N/A) 		caused local trauma and contributed to reaction.
													· · · · · · · · · · · · · · · · · · ·			, , , , ,		
NOBIVAC L4	UK-VMD-2374/17	United Kingdom	Animal	Canine/dog	2 Month(s)	01/05/2017	18/05/2017	9 1	0 02/05/20	Known, <br< td=""><td>Regenerative anaemia, Swollen joint, Monocytosis, Neutrophilia, Pyr</td><td>Not Known</td><td>Suspected immune-mediate polyarthritis starting within 24 hours of vaccination. Lethargic, lame on RHL with swollen stifle, progressing to bilateral HL lameness with bilateral stifle swelling. Pyrexia of</td><td>Crossbred</td><td>5.05</td><td>Nobivac DHPPi, Lyophilisate for B Suspension for Injection for Dogs -</td><td>8 - Possible</td><td>Timing/signs consistent with product involvement. Two vaccines administered.</td></br<>	Regenerative anaemia, Swollen joint, Monocytosis, Neutrophilia, Pyr	Not Known	Suspected immune-mediate polyarthritis starting within 24 hours of vaccination. Lethargic, lame on RHL with swollen stifle, progressing to bilateral HL lameness with bilateral stifle swelling. Pyrexia of	Crossbred	5.05	Nobivac DHPPi, Lyophilisate for B Suspension for Injection for Dogs -	8 - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
										> <	 exia,Polyarthritis,Lameness,Letharpy (see also Central nervous system) 	3	40.3C. Moderate regenerative anaemia, neutrophilia and monocytosis on bloods. Unknown previous exposure. Treated with antibiotics, analgesia and steroids and responding. Outcome unknown. Nothin	g		1,N/A,N/A ,N/A,One vial of DHPPi + one vial o (01/05/2017-		
											depression in 'Neurological'),Other immune system disorder NOS		further.			N/A) Nobivac L4 Suspension for Injection for Dogs -		
																1,N/A,N/A ,N/A,One vial of DHPPi + one vial o (01/05/2017-		
MOBINACI	UK-VMD-2378/15	Heitod	Animal	Canine /d-	5.58 Year(s)	02/06/2015	03/06/2015	3 .	0 03/05/22	L5 Not Known	Muscle tremor,Emesis,Ataxia	Not	Ataxia, muscle tremor and emesis starting less than 30 minutes post vaccination and persisting for 3	lack Brown		N/A Nobivac L4 Suspension for Injection B	. Bossible	Clinical signs and onset are consistent with a possible
NUBIVAL L4	UK-VIVID-25/8/15	United Kingdom	Animal	canine/dog	o.o8 Year(s)	02/06/2015	03/06/2015	3 1	U UZ/U6/20:	LO INOT KNOWN	wuscie tremor,Emesis,Ataxia	Not Known	Ataxia, muscle tremor and emesis starting less than 30 minutes post vaccination and persisting for 3 hours. Recovery without treatment. No further information expected.	Jack Russell Terrier	8	for Dogs - 1,N/A,N/A,N/A,1 VIAL	8 - Possible	Clinical signs and onset are consistent with a possible product hypersensitivity reaction.
																SUBCUTANEOUSLY (SITE IS NOT WORKING WILL NOT ALLOW		
																SUBCUTANEOUS USE OR JACK RUSSELL; (02/06/2015-		
NOBIVAC L4	UK-VMD-2403/15	United	Animal	Canine/dog	2.42 Year(s)	09/04/2015	09/06/2015	1 1	1 27/05/20:	L5 Not Known	Vocalisation, Disseminated	Not	Immune mediated haemolytic anaemia diagnosed 7 weeks after first vaccination with L4, and 3 weeks	English Cocker	11.3	N/A) 	3 - Possible	MAH agrees with MAH assessment.
		Kingdom			(3)	-,-,-,-	,,		2.,33,20		intravascular coagulation,Low platelet count.Bradycardia.Cardiac	Known	after the second vaccination. Unresponsive to treatment (prednisolone, azathioprine, aspirin, blood	Spaniel	1	for Dogs - 2,1,1 Months,N/A,2 doses of vaccine administere (09/04/2015-		
											arrest,Pale mucous		transfusion (cross matched)). Led to disseminated intravascular coagulation and death over 4 days. Nothing further.			of vaccine administere (09/04/2015- 07/05/2015) 		
											membrane,Diarrhoea,Distension o abdomen,Vomiting,Jaundice,Disori	f e						
											ntation,Nystagmus,Tachypnoea,Na sal	1						
										1	discharge,Death,Hyperthermia,Late ral recumbency,Respiratory	9			l			
											depression,Respiratory							
											signs,Immune mediated haemolytic anaemia							
NOBIVAC L4	UK-VMD-2404/15	United Kingdom	Animal	Canine/dog	8.83 Year(s)	26/05/2015	04/06/2015	1 1	0 26/05/20	Known, <br< td=""><td>Emesis,Haematuria,Prostatitis</td><td>Not Known</td><td>Emesis and haematuria secondary to prostatitis less than 12 hours after vaccination. Unknown treatment given, recovery within 2 days. No further information expected.</td><td>English Springer</td><td>19.2</td><td>,N/A,N/A (26/05/2015-</td><td>01 - Inconclusive</td><td>Emesis may be consistent with a vaccine hypersensitivity reaction but prostatitis and</td></br<>	Emesis,Haematuria,Prostatitis	Not Known	Emesis and haematuria secondary to prostatitis less than 12 hours after vaccination. Unknown treatment given, recovery within 2 days. No further information expected.	English Springer	19.2	,N/A,N/A (26/05/2015-	01 - Inconclusive	Emesis may be consistent with a vaccine hypersensitivity reaction but prostatitis and
										> 	•			Spaniel		N/A) Nobivac L4 Suspension for Injection for Dogs -		haematuria are not expected. The temporal relationship appears possible, two products were used
																N/A,N/A,N/A,N/A,N/A (26/05/2015- N/A) 		and it is unknown whether the dog had preexisting prostatic disease.
										1			I.	1		IN PARTICIPATE AND A STATE OF THE STATE OF T		prostute discase.

NOBIVAC L4	UK-VMD-2404/17	United	Animal	Canine/dog	5 Year(s)	13/04/2017	09/05/2017	1	1 0	21/04/2017	Not Known, <br< th=""><th>Epileptic fit,Tonic-clonic seizure</th><th>Not</th><th>8 days after vaccination (the 21st April) the dog had 4-5min grand mal seizure. On the 6th May 8 am 2mins grand mal seizure (coded as tonic clonic seizure). On the 8th May 2 or 3 fits 2mins each</th><th>Boxer (German</th><th>33</th><th>Nobivac DHP - 1,N/A,N/A,N/A,one dose mixed with Nobivac Lepto4</th><th>O1 - Inconclusive</th><th>Temporal association is weak. Product involvement cannot be excluded however some preexisting</th></br<>	Epileptic fit,Tonic-clonic seizure	Not	8 days after vaccination (the 21st April) the dog had 4-5min grand mal seizure. On the 6th May 8 am 2mins grand mal seizure (coded as tonic clonic seizure). On the 8th May 2 or 3 fits 2mins each	Boxer (German	33	Nobivac DHP - 1,N/A,N/A,N/A,one dose mixed with Nobivac Lepto4	O1 - Inconclusive	Temporal association is weak. Product involvement cannot be excluded however some preexisting
											>>BR> >Not Known,
>BR>
Not Known</br </br 			(sospicus of having had one that wasn't observed) in the 9th of May had 2-elururs - os 5 settures in total in past 24h. No previous episodes of epileptifion events in this dog, Normal time-tactipion ctal period. The dog has had bloods taken today which were unremarkable, suspect this is an incidental period. The dog has had bloods taken today which were unremarkable, suspect this is an incidental occurrence with start of idiopathic epilepsy coincidental to the restart of vaccinations, have started treatment with phenobarbitone for the seizures	Boxer)		(4057801), also Nobbec KC (4068001), also Nobbec KC (4068001) at same time (1 Day(s) 13/04/2017-N/AI-BRS-qBR-Nobbec KC - 1N/AN/A /NA/ne do see mixed with Nobbec (1 Equation (1 A) (4 A) (condition may also explain the signs
NOBIVAC L4	UK-VMO-2407/17	United Kingdom	Animal	Canine/dog	9.2 Year(s)	28/04/2017	19/05/2017	1	1 0	28/04/2017	Not Known, Known, SRX-SRX-SRX-SRX-Not Known, Known, SRX-SRX-SRX-SRX-Not Known, Known, SRX-SRX-SRX-Not Known, SRX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-SRX-	Vomiting:Reddening of the skin, Pash, Facial swelling (see also 'Skin')	Not Known	Facial swelling, redness to the muzzle and eyelds and had vomiting within 30 minutes of succination. Treated with In 100 Acadresson. During the buy the swelling subsided but and sheeloped on the ventrum which had disappeared by the next morning. He also continued to vomit so 2.5mls Cerenia was administered the following day. Previous exposure to DHP and KC. Imported from Cyprus 2 year ago. Recovery after 24 hours. Nothing further.	Crossbred	27	Desadreson 2 reg/ml Solution for injection. NI/A/A/A/A/A 2,3 Linknown Unknown 1 Animal (28/04/2017—28/04/2017): RBP-Epiphen unidentified. NI/A/A/A/A/A A/A/A/A/A/A/A/A/A/A/A/A/A/A/	B - Possible	Timing/algin consistent with product allergic reaction. Three vaccines administered.
NOBIVAC L4	UK-VMD-2421/17	United Kingdom	Animal	Canine/dog	10.08 Year(s)	09/03/2016	10/05/2017	1	1 1	16/03/2016	Not Known	Eye disorder NOS (for photophobia see 'neurological'),Drinking a lot,Skin lesion NOS,Death,Malaise,Lack of hair regrowth,Weight loss,Bloated stomach,Hair loss NOS.Pancreatitis,Off colour	Not Known	Unwell a week after vaccination. Drinking vast amounts of water. Somach blew up after second vaccination. Gradually became slower. Fur stopped growing and eventually began to fall out. Began to lose weight losing is 545 by the time the deld. Lesions appeared on dogs and face prish and black in colour eventually causing severe eye infection. 8 months after the vaccinations he developed pancreatitis. Fit and well before the vaccinations. Nothing detected on blood test, scans, xrays. No previous exposure. Nothing further.	Golden Retriever	35	Nobivac L4 Suspension for Injection for Dogs - 1,1,4 Weeks,N/A,1 dose another dose 4 weeks later (4 Week(s) 03/03/2016- 04/04/2016)<-BR><-BR>	O1 - Inconclusive	Time association with being unwell, signs non-specific. Other signs not usually expected but product involvement cannot be excluded.
NOBIVAC L4	UK-VMD-2426/16	United Kingdom	Animal	Canine/dog	7.92 Year(s)	26/05/2016	27/05/2016	1	1 0	26/05/2016	Not Known	Injection site lump	Not Known	Injection site lump starting within 24 hours of Nobivac L4 and persisting for an unknown period of time. Outcome unknown. No further information.	Other Canine/dog	14.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (26/05/2016-N/A) 	A - Probable	Close temporal and anatomical association.
NOBIVAC L4	UK-VMD-2432/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	05/06/2015	05/06/2015	1	1 0	05/06/2015	Yes	Ataxia,Dull	No Data	Dull and ataxia within a few minutes of vaccination. Nothing further.	Jack Russell Terrier	8.3	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,Adminstered one vial (1 Minute(s) 05/06/2015- N/A/-BRS-SRS>	B - Possible	Close temporal association; possible product related reaction.
	UK-VMD-2442/15	United Kingdom	Animal	Canine/dog	3.1 Month(s)		07/06/2015	1	1 0		Yes, <b R>BR>Yes</b 	Injection site pain, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Letharg, annexis, highetion die pain, tachycardis, hyperthermis within 48 hours of vaccination. Unknown treatment given; recovered by the following day. No reaction on previous vaccination, Nothing further.	Crossbred		Nobivac DHP - 1,N/A,N/A,24,2nd Dose DHP L4 (01/06/2015- N/A)<-BR><-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,2nd Dose DHP L4 (01/06/2015-N/A)<-BR>>	B - Possible	Suggestive of vaccine related reaction. Two products used therefore coded B.
NOBIVAC L4	UK-VMD-244Z/17	United Kingdom	Animal	Canine/dog	4.33 Year(s)	04/05/2017	17/05/2017	1	1 0	09/05/2017	Not Known, BR > BR>BR> Not Known	Injection site abscess,Injection site swelling,Injection site swelling,Injection site warmth,Listess,Pyrexia,Increased respiratory rate	Not Known	9/S/2017 - local reaction swelling noted (we assume injection site owelling, 11/5/2017 - swelling appeared larger and firmer - suspected abxes and drianed from purulent material. Also pyresic (temperature 39.5). Treated with Amonycillin-Clavulanic acid for abxess and francetamol for pyresia. Sospected Adverse Reaction - received by MAM or 10.7 May 2017 - Vaccinated with Robbaco IDH and Nobbac LA on 4 May 2012. Presented on 9 May 2017 as owner noticed a lump at vaccine site. On examination the lump 8 form in size at ruction site, no parishful. 11 May 2017 Febro Ib, talkers, increase respiratory effort. Temperature 39.5 Celsus, swelling hot and firm. Draining 10mic of pss, clipped and cleaned wound. Started on antibiotics and paracreamol. 17 May 2017 or to buthered with mass and owner feels the dog is happy at home, non painful. Nothing further expected.	Pug	9.5	Nobivac DHP - N/A,N/A,N/A, N/A,1 ml Unknown 1 Animal (04/05/2017-N/A) - N/A/BRBR-Nobivac L4 Suspension for Injection for Dogs-NA/N,A/N,A/A,1 ml Unknown Animal (04/05/2017-N/A) - BR> - RING N/A/A/A, N/A Ind Unknown Animal (04/05/2017-N/A) - RING N/A/A/A, N/A Ind Unknown Animal (04/05/2017-N/A) - RING N/A/A/A, N/A Ind Unknown Animal (04/05/2017-N/A) - RING N/A/A/A/A, N/A Ind Unknown Animal (04/05/2017-N/A) - RING N/A/A/A/A, Ind Unknown Animal (04/05/2017-N/A) - RING N/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A/A	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-2451/17	United Kingdom	Animal	Canine/dog	4.42 Year(s)	11/05/2017	17/05/2017	2	1 0	11/05/2017	Not Known,
 >BR Not Known</br 	Circulatory collapse (see also Neurological' and Systemic disorders/Jacali swelling (see also Skin', Wheal Jacali oedems, Tachypnose, Panting, Hyper thermia, Urticaria	Not Known	Administered vaccine in consult to 2 pugs, one was fine. The other was fine initially, then as the owner went out and put her in the car she had a collapsing episode and became tachypnocie. She was very complete that the same of the consultance of the consultance of the college and oxigen therapy after recovered over 20mins, but was still a little quiet. The owner took her home but on arrival apport. 20mins later they recovered fined a leveling. She was Stooght straight back in 3 miles of the college and	Pug d	9.4	Noblac DHP - 1,W/A/M/A A/M-Standard combination vials- mi (1/05/2017-M)(SHR-BR-NOblace L4 Suspension for injection for Dogs- 1/4/N/A/M A/M-1 Doos Not applicable 1 Animal (11/05/2017- M/A/4R-4BR-	B - Possible	Timing/clinical signs suggest hypenensitivity reaction to the vaccine. Two vaccines administered concurrently
NOBIVAC L4	UK-VMD-2456/15	United Kingdom	Animal	Canine/dog	11.5 Year(s)	04/06/2015	08/06/2015	1	1 0	06/06/2015	Known, <br< td=""><td>Diarrhoea, Lethargy (see also Central nervous system depression in 'Neurological')</td><td>Not Known</td><td>Dourhoes and lethargy starring 2 days post vaccination with Nobivac DIPP and LA. No treatment given, signs improved but had not abated after 2 days. No further information expected.</td><td>English Cocker Spaniel</td><td>10.6</td><td>Nobivac DHP - N/A,N/A,N/A ,N/A,Routine booster vaccination (04/06/2015-N/A)<br->-Robbivac L4 Suspension for injection for Dogs -N/A,N/A,N/A,N/A,voutine booster vaccination (04/06/2015- N/A) -</br-></td><td>No assessment performed</td><td></td></br<>	Diarrhoea, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Dourhoes and lethargy starring 2 days post vaccination with Nobivac DIPP and LA. No treatment given, signs improved but had not abated after 2 days. No further information expected.	English Cocker Spaniel	10.6	Nobivac DHP - N/A,N/A,N/A ,N/A,Routine booster vaccination (04/06/2015-N/A) <br->-Robbivac L4 Suspension for injection for Dogs -N/A,N/A,N/A,N/A,voutine booster vaccination (04/06/2015- N/A) -</br->	No assessment performed	
NOBIVAC L4	UK-VMD-2460/17	United Kingdom	Animal	Canine/dog	5 Year(s)	25/04/2017	19/05/2017	1	1 0	25/04/2017	Known, <br< td=""><td>Vocalisation,Reluctant to move,Discomfort NOS,Stiffness NOS,Localised pain NOS (see other 'SOCs' for specific pain)</td><td>Not Known</td><td>case received from Veteriany Medicines Directorate. Day accurated with Nobiac DIP and Nobiac 4 on 27 pt 2017. Since vaccination has been uncomfortable with being pickedsore over palpation of neck and yelping when picked up and worn't jump onto soft starting within 6 hours of vaccination. Otherwise well. No previous exposure. Treated with melosicam. Outcome unknown. Nothing further.</td><td>Chihuahua f</td><td>3.3</td><td>Nobivac DHP - 1,N/A,N/A ,N/A,Whole vial of each vaccine (25/04/2017-N/A):BR>-BR>-Nobivac L4 Suspension for Injection for Dogs -1,N/A,N/A, 1 ml Not applicable 1 Animal (25/04/2017- N/A):BR>-SR></td><td>B - Possible</td><td>NCA agrees with MAH assessment</td></br<>	Vocalisation,Reluctant to move,Discomfort NOS,Stiffness NOS,Localised pain NOS (see other 'SOCs' for specific pain)	Not Known	case received from Veteriany Medicines Directorate. Day accurated with Nobiac DIP and Nobiac 4 on 27 pt 2017. Since vaccination has been uncomfortable with being pickedsore over palpation of neck and yelping when picked up and worn't jump onto soft starting within 6 hours of vaccination. Otherwise well. No previous exposure. Treated with melosicam. Outcome unknown. Nothing further.	Chihuahua f	3.3	Nobivac DHP - 1,N/A,N/A ,N/A,Whole vial of each vaccine (25/04/2017-N/A):BR>-BR>-Nobivac L4 Suspension for Injection for Dogs -1,N/A,N/A, 1 ml Not applicable 1 Animal (25/04/2017- N/A):BR>-SR>	B - Possible	NCA agrees with MAH assessment
NOBIVAC L4	UK-VMD-2463/16	United Kingdom	Animal	Canine/dog	2.34 Year(s)	03/05/2016	31/05/2016	1	1 0	03/05/2016	Not Known	Emesis (multiple)	Not Known	Emesis within an hour of Nobivac L4 and a further 3 times over the following week. The same signs were seen after the second Nobivac L4 vaccine. No other medications were given concurrently. No other signs seen. No further information.	Border Collie	17.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial 4 weeks apart (03/05/2016- N/Al>RP> <rp></rp>	A - Probable	Emesis can be seen after vaccination and although the duration of signs is not particularly suggestive, the close temporal relationship and the rechallenge data support product involvement.

NOBIVAC L4	UK-VMD-2473/17	United Kingdom	Animal	Canine/dog	8.17 Year(s)	12/05/2017	13/05/2017	1	1 0 12	>	Not (nown,
BR> Not Known</br 	Vomiting	Not Known	Vomiling within 30 minutes of vaccination. No previous reactions. Recovery with unspecified treatment after 1 day. Nothing further.	Jack Russell Terrier	10.3	Nobivac KC - N/A,N/A,N/A N/A,N/A C (12/05/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Iml once (12/05/2017-N/A) 	D1 - Inconclusive	Timing consistent. Vomiting is non-specific. Two vaccines administered.
NOBIVAC L4	UK-VMD-2478/17	United Kingdom	Animal	Canine/dog	6.3 Year(s)	25/07/2015	23/05/2017	1	1 1 26	N (7/2015 N	iot Known	injection site lump_Discoloured urine-pile mucrous membra ane (injection with colour membra ane, lump and colour membra ane, Mot dinking_Episus_Queath_cethang (injection dinking_Episus_Queath_cethang depression) Preventing[ar]_Weakness_Elevated temperature_Breathing difficulty_Note arteng_nrcressed salivation_Swellen lymph and configuration and proofs_wollen longs_Uniterably gail_Immune mediated hieromylic anemia_Rehavour disorder MoS anemia_Rehavour disorder MoS	Not Known	A walnut-size lump appeared where the product was injected. This lasted for 3 days. A week later, on friday, the dog booked leth arge and could not drink or eat even though he warried to, also had a nose belied. Visit to the visit existence the state of the state	English Cocker Spaniel	16	Nobivac L4 Suspension for Injection A for Dogs - 1A/A,N/A, 10,1ml (25/07/2015- N/A)<88>-88>	A - Probable	Close time association with injection site swelling. Relationship to other signs unclear, but not a close association in time.
NOBIVAC L4	UK-VMD-2490/17	United Kingdom	Animal	Canine/dog	9.92 Year(s)	18/04/2017	15/05/2017	1	1 0 18	>	Not Known,
BR> Not Known</br 	Behavioural disorder NOS,Lethargy (see also Central nervous system depression in 'Neurological'),Food refusal,Shaking,Reluctant to move	Not Known	Very lethargic, refused food, refused walk (coded as Rebuctant to move) etc, shaking, hiding, behaviou very uncharacteristic within 1 hour of vaccination. No previous exposure. Recovery without treatmen after 24 hours. Nothing further.	r Crossbred t	6.6	Nobivac DHP - 1,N/A,N/A,10,1ml of B vaccine and diluent mixed (18/04/2017-N/A)+BR>-BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,10,N/A (18/04/2017-N/A)+BR>>BR>	3 - Possible	Timing/signs consistent with product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-2498/15	United Kingdom	Animal	Canine/dog	7.33 Year(s)	07/05/2015	12/06/2015	1	1 1 25	>	iot Known, >BR >BR>>BR> Iot Known	Thrombosis, Vestibular disorder NOS, Ataxia, Collapse (see also Cardio-vascular' and Systemic disorders'), Death by euthansia, Letharry (see also Central nervous system depression in 'Neurological'), Pyrexia, Ahonomal test result, Nauea, Immune mediated haemolytic anaemia, Decreased packed cell volume (PCV)	Not Known	Vestiblari disorder, collapse and ataxis 22 days after vaccination with Noblava Lepto 4 and DHP, previsal noted on examination, no obloves signor direction. Nause anoted the next days so treated with Clavaseptin and Cerenia. Lethargy and blood tests showed autoaglutination and anaemia 2 days lattler. Progression to IMMA. Treated with blood transition and steroids. Thrombotic disease and euthanasia 4 days later. No further information expected.	Labrador Retriever	37.4	Nobiac DHP - I.N/A.N/A, 10.1 mi (07/05/2015-N/A):BR>-RR>-Nobiac L3 suspension for Injection for Dogs - I.N/A.N/A, N/A,1 vial (07/05/2015- N/A)=BR>-BR>	D1 - Inconclusive	Signs are not expected although vaccines have been implicated as a case of IMMA previously. Time to onset is quite long and there is no history of exposure to this vaccine. Mulfactorial aetiology including possible product involvement.
NOBIVAC L4	UK-VMD-2512/17	United Kingdom	Animal	Canine/dog	9.67 Year(s)	02/05/2017	16/05/2017	1	1 0 03	>	Vot Known, <br Vot Known</br 	Lethargy (see also Central nervous system depression in 'Neurological'), Weakness, Shallow breathing, Elevated temperature, Dull, Off colour	Not Known	Very lethagic, weak, haig dog response (coded as Off colous), shallow breathing, very unhappy (code as Dull), bot within 24 brows of vaccination. Unknown previous exposure. Recovery without treatmen after 7 days. Nothing further.	d Labrador t Retriever	34	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (02/05/2017- N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (02/05/2017- N/A,N/A,N/B>>	3 - Possible	Timing/signs consistent with product involvement. Signs non-specific. Two vaccines administered.
NOBIVAC L4	UK-VMD-2513/15	United Kingdom	Animal	Canine/dog	3.42 Year(s)	09/06/2015	18/06/2015	1	1 0 05	>	Not (nown,
BR> Not Known</br 	Blepharitis,Conjunctivitis	Not Known	Bilateral conjunctivitis and bilepharitis less than 6 hours after Nobivac L4 and KC. Unknown treatment given, recovery within 22 hours.	Staffordshire Bull Terrier	21	Nobivac KC - N/A,N/A,N/A,N/A,N/A,N/A (09/06/2015-N/A)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, N/A,One vial administered via subc (09/06/2015- N/A) >BR>	O1 - Inconclusive	Product role cannot be excluded but the other product given is considered more likely. There is also a potential that the dog had been exposed to something in the garden that evening. Product remains a possible factor.
NOBIVAC L4	UK-VMD-2527/16	United Kingdom	Animal	Canine/dog	1.8 Year(s)	01/06/2016	08/06/2016	1	1 0 01	/06/2016 N K > N	lot (nown,
BR> lot Known</br 	Loose stool,Emesis,Decreased appetite,Lethargy (see also Central nervous system depression in 'Neurological'),Abnormal test result,Elevated liver enzymes,Elevated ALT	Not Known	Emesis and lethargy starting within 30 minutes of vaccinations. Treated with rantidine and deaadlessol. Emeiss and dearnines over the following 24 hours, with anoresis. Lethargy worse. Blood showed elevated AIT, elevated liver engrens, excreased amylase (coded as abnormal test result), treated with IVFT and showed much improvement within 24 hours. Nothing further. An unknown treatment was given. Outcome unknown but signs persisted for at least 3 days. No further information.	Border Terrier	8.5	Nobivac DHPPI- 1,N/A,N/A,1,0,1 ml B(01/06/2016-N/A) -BR>-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,Standard 1 vial dose. (01/06/2016-N/A) -BR>	3 - Possible	Close temporal association, duration is prolonged. Signs can be seen following vaccination but unable to tell if one or both vaccines used are involved.
	UK-VMD-2531/15	United Kingdom	Animal	Canine/dog	5.58 Year(s)	08/05/2015	26/06/2015	1		> N	Not Known, BRX-BR KBRX-BR> Not Known	Diarrhoea Jasemorrhagic diarrhoea yonifing Collapse (see also 'Cardio-vascular' and 'Systemid disorders'), Tachypnoea Appetite loss, hypothermia, Letharry (see also Central nervous system depression in "Neurological'], Reluctant to move, Almorrani posture NOS, Glazed eye, Shivering, Shaking, Almorrnal radiograph finding	Not Known	Letharys, emesis, shwering, shaking, tachyprose, reluctance to move, diarrhoea, abnormal posture an glazed eye progressing to collupse, I how following rand one succination and 4 weeks after tept of vaccination. Seresto collar was applied on the same day as the 2nd dose vaccination, but exact time not clear. Blood tests were romal. Hostpatisles and adeveloped haemornhagic diarrhoea. Insprovement within 10 days but persistence of diarrhoea. Radiographs showed gas in the intestines. Treated with metorisable, nationally, Panal's and Canisur Por. Improvement over the next 4 days. No further information expected, no further contact between vet practice and owner as dog is now receiving holistic treatment.	d English Springer Spaniel		Noblact L5 supernion for Injection for Corp. 1-1/N/A, 0.1 mt (08/05/2015-005-05/06/2015)-881887-Servetto 4.50 g = 2.03 g, Collar for Dogs > 8 kg - 1,3/N/A, N/A, 3.1, collar (05/06/2015-087-0887-0887-087-05/06/2015-087-0887-0887-0887-0887-0887-0887-0887	3 - Possible	Appears to be a very long onest to clinical signs atthough shoot you somewhat knowples. Other causes of signs have not been ruled out but it is difficult to exclude product involvement altograther due to the weak history, insufficient information for assessment. Updated information shoot obes time association with vaccination, therefore causality changed to 8,
NOBIVAC L4	UK-VMO-2532/15	United Kingdom	Animal	Canine/dog	7.06 Month(s)		19/06/2015	1	1 0 04	> N K > N K	iot chown, sRx-bR> sR>>R> iot chown, sRx-bR> 	Application site erythems. Application site pruritus	Not Known	Application site erythema and prurtus spreading to a 5 inch by 4 inch area on the neck and task: Initia signs were seen within 15 minutes of Intendent and an unknown time after Quanter textment and 2 days post vaccination. Treatment with Isaderm twice daily and trauma prevention. Recovery after 1 day. No further information expected.	il American Bulldog			Vo assessment berformed	
	UK-VMD-2534/16	United Kingdom	Animal	Canine/dog	1.17 Year(s)	03/06/2016	07/06/2016	1	1 0 03	>	Not (nown,
 Not Known</br 	Angioedema, Local swelling (not application site)	Not Known	Angioedema of the eyelids and muzzle starting within 6 hours of vaccination. Treatment with antihistamines. Signs had improved but not resolved 10 hours post vaccination. Outcome unknown. N further information.	Maltese o	4	Nobivac DHP - 1,N/A,N/A,24,one dose (03/06/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (03/06/2016- N/A) >BR>	3 - Possible	Clinical signs are consistent with a possible vaccine hypersensitivity reaction involving one or both of the vaccinations used.
NOBIVAC L4	UK-VMD-2535/16	United Kingdom	Animal	Canine/dog	5.67 Year(s)	02/06/2016	03/06/2016	1	1 0 02	/06/2016 N	lot Known	Lethargy (see also Central nervous system depression in 'Neurological'),Anorexia,Emesis,Shi vering	Not Known	Lethargy, anorexia, emesis, shivering starting within 1 hour of vaccination and persisting for at least 2 days. Outcome unknown. No further information.	Other Canine/dog	26.55	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (02/06/2016-N/A)	A - Probable	Very strong temporal association, signs can be seen with hypersensitivity reactions.

NOBIVAC L4	UK-VMD-2546/17	United Kingdom	Animal	Canine/dog	2.16 Month(s)	16/05/2017	17/05/2017	1 1	0 16/05/20	.7 Not Known, BR > BR>BR> Not Known	Injection site pain, Walking difficulty, Elevated temperature, Increased respiratory rate	Not Known	Increased respiration rate, temperature, wobbly, pain at vaccination site the same day of vaccination. Outcome unknown	Rottweiler	Not Known	Nobivac DHP - N/A,N/A,N/A N/A,N/A (16/05/2017- N/A/&R><8R>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,16/05/2017-	B - Possible	Timing/clinical signs suggest product involvement. 2 products admistered concurrently
NOBIVAC L4	UK-VMD-2549/14	United Kingdom	Animal	Canine/dog	14.42 Year(s)	28/05/2014	02/06/2014	1 1	0 29/05/20	4 Not Known	Fit,Ataxia,Disorientation,Pacing	Not Known	Convulsions and ataxia 12 hour post vaccination followed by disorientation and hyperactivity for 5 days. Recovery with no treatment.	Border Collie	Not Known	N/Al Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (28/05/2014-N/A) SR> 	O1 - Inconclusive	
NOBIVAC L4	UK-VMD-2576/16	United Kingdom	Animal	Canine/dog	9.42 Year(s)	05/05/2016	07/06/2016	1 1		6 Yes, <b R> Yes</b 		No Data	risection site mass within 14 days of vaccination. Recovery without treatment within 14 days, 14d a similar reaction following the administration of another lepto vaccination the previous year. Nothing further.	Canine/dog	28.4	Nobivac DHP - 1,N/A,N/A,24,Single dose of DHP/L4 vaccination given subcutaneously on 5/5/16 (05/05/2016-05/05/2016-BR><8R>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,24,N/A (05/05/2016-05/05/2016-BR><8R>	B - Possible	Injection site lumps known to occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-2578/16	United Kingdom	Animal	Canine/dog	3.13 Month(s)	31/05/2016	07/06/2016	1 1	0 07/06/20	6 Yes, R×BR> Not Known, 	Vomiting.Frequent urination,Involuntary defecation	Not Known	Emesis and involuntary defectation within 2 minutes of milbernas administration. Frequent urination fo the following 12 hours. Had recovered by the following day. Nothing further.	r Other Canine/dog	7.55		No assessment performed	
NOBIVAC L4	UK-VMD-2584/15	United Kingdom	Animal	Canine/dog	Month(s)	15/06/2015	24/06/2015	1 1	0 15/06/20	Known, BR > BR>CBR> Not Known	Allergic pruritus, Vomiting, Facial swelling (see also 'Skin'), Lethargy (see also Central nervous system depression in 'Neurological'), Off colour	Not Known	Malaise, emersi, lethargy, allergic oedems of the face and allergic purifus 1 hour port vaccination. Treated with artihistamines and corticosteroids leading to full recovery by the next day.	Labrador Retriever		Nobivac DHP - 1,N/A,N/A,24,one dose given s/c (15/06/2015- N/A/-8R> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (15/06/2015- N/A/SBR> 	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered.
	UK-VMO-2590/16	United Kingdom	Animal		2.5 Month(s)		10/06/2016	1 1	1 05/06/20	Known,
 <r> Not Known,
 Not Known</br </r></br 	Respiratory arrest,Dyspnoea,Respiratory distress,Reverse sneezing,Breathing difficulty,Hyporeflexia,Death	Not Known	Dyspnoes, reverse eneering starting 3 days post vaccination and progressing to respiratory distress the same day. Collages the following day, aponea, no neurological reflexes (hyporefloxia) on presentation Intubated, given adrenaline and dopram but respiratory arrest which was not reversible leading to death. No further information.	ı		Nobiva C HP - N/A,N/A,N/A ,N/A,N/A (02/06/2014) ,N/A,N/A (02/06/2014) ,N/A,SR-SR-Nobivac KC - 1,N/A,N/A, N/A,Given entire vial split betwee (02/06/2016- 02/06/2016)-SRR-SR-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (02/06/2016- N/A)-SRR-SBR>	O - Unclassifiable/unassessa ble	Insufficient information regarding cause of death for accurate assessment. Signs may be more consistent with toxin exposure.
NOBIVAC L4	UK-VMD-2600/16	United Kingdom	Animal	Canine/dog	2.23 Month(s)	25/05/2016	08/06/2016	1 1	0 25/05/20	6 Not Known, BR > BR>BR> Not Known	Anorexia, Lethargy (see also Centra nervous system depression in 'Neurological')	l Not Known	Lethargy and anorexis starting within 6 hours of vaccination. Treatment with Dexadreson. Improvement within 12 hours, recovery within 2 days. No further information.	Crossbred	0.68	Nobivac DHP - 1,N/A,N/A, 24,Single SC injection given at 9 weeks old (24/05/2016-N/A)=BR>-BR>-Nobivac L4 Suspension for Injection for Dogs -1,N/A,N/A, 24,N/A (25/05/2016- N/A) >-BR>	B - Possible	Clinical signs and onset are consistent with probable product involvement.
NOBIVAC L4	UK-VMD-2613/17	United Kingdom	Animal	Canine/dog	3 Month(s)	19/05/2017	19/05/2017	1 1	0 19/05/20	7 Not Known, BR >BR>CBR>CBR> Not Known	Swelling around eye	Not Known	Within a few hours of having the vaccine, his face was swollen around his eyes. Eyes themselves were ook, but swelling part-coular. He had been in owners small garden, and no-where sile. Owner had bees sanding but they have been for the past week with no problems. Nothing unusual to eat. Outcome unknown	French Bulldog	4.85	Nobivac DHP - N/A,N/A,N/A N/A,N/A (19/05/2017- N/A) Nobivac LA Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 dose of nobivac DHP and L4 vaccine was given 4 weeks after the first one to a puppy (19/05/2017-N/A) SHPSY (19/05/2017-N/A)	B - Possible	Timing/clinical signs suggest a possible anaphylactic reaction to the vaccine (two administered concurrently)
	UK-VMD-2617/15	United Kingdom	Animal	Canine/dog	1.55 Month(s)	30/05/2015	17/06/2015	1 1	0 30/05/20	5 Not Known, BR>BR>CBR> Not Known	Vomiting,Tachycardia,Anaphylaxis, Urticarial erythema,Pyrexia,Dyspnoea,Facial swelling (see also 'Skin'),Wheezing	Not Known	Emesis, allergic ordema of the face, generalised urlicaria, pyrexis, tachycardia, wheeting and dispose 30 minutes post vaccination. Treated with descametasions leading to improvement over the next 30 minutes followed by complete recovery within 1 hour. Antihistamines were administered prior and post 2nd dose vaccination 2 weeks later and no adverse effects were noted.	a Staffordshire Bull Terrier	1.3	Nobivac DHP - 1,N/A,N/A,N/A,1 vial, once (30/05/2015- N/A/+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (30/05/2015- N/A)+BR> 	B - Possible	Anaphylactic reaction but 2 products administered.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	2.12 Year(s)	20/04/2017	20/05/2017	1 1	0 21/04/20		Head tremor	Not Known	Head tremors when resting for a day or is within 24 hours of both doses of vaccine. Milder after second vaccination. No previous exposure. Recovery after 24 hours without treatment. Nothing further.	Crossbred		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,2 doses of vaccine - 1st on 20/4/17 and 2nd on 18/5/17 (both same batch) (20/04/2017-18/05/2017)<-BR> 	O1 - Inconclusive	Timing/recurrence consistent. Signs not usually expected. Product involvement cannot be excluded.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	9 Year(s)	17/05/2016	09/06/2016	1 1	0 21/05/20	6 Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Lameness,Cough	Not Known	Intermittent spasmodic coughing starting 4 days post vaccination. Intermittent hindlimb lameness also noted but were feels this is more likely due to pre-existing patella luxation. Outcome unknown. No further information.	Crossbred	6.6	Nobivac DHP - 1,N/A,N/A, 24,N/A (17/05/2016- 17/05/2016-BR>~BR>~Nobivac KC - 1,N/A,N/A, 24,N/A (17/05/2016- 17/05/2016-BR>~BR>~Blowlowac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,N/A (17/05/2016- 17/05/2016-BR>~BR>	N - Unlikely	Not an expected AE for this product.
NOBIVAC L4	UK-VMD-2628/15	United Kingdom	Animal	Canine/dog	5 Year(s)	08/06/2015	17/06/2015	1 1	0 09/06/20	5 Not Known, BR > BR>CBR> Not Known	Cough, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Cough and lethargy starting 20 hours post vaccination with Nobbvac KC and L4. Treated with Metacam outcome unknown. No further information is expected.	, Crossbred	9	Nobivac KC - 1,N/A,N/A ,24,N/A (08/06/2015- 08/06/2015)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (08/06/2015-N/A)-BR>>BR>	O1 - Inconclusive	Coughing is not expected but sign of lethargy within 24 hours of vaccination may be related to the product. Two products were used and other disease processes cannot be excluded therefore product is possibly a factor in the signs seen.
	UK-VMD-2638/15	United Kingdom	Animal	Canine/dog	3 Month(s)	05/06/2015	18/06/2015	1 1	0 06/06/20	5 Yes, <b R> Yes</b 	Injection site swelling	No Data	Injection site swelling within 24 hours of administration.	Border Collie	6	Nobivac DHP - 1,N/A,N/A,24,N/A (05/06/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,1 vial (05/06/2015- N/A) 	B - Possible	Close temporal association, injection site swellings known to occur, two products used therefore coded B.
NOBIVAC L4	UK-VMD-2639/17	United Kingdom	Animal	Canine/dog	7 Year(s)	13/04/2017	22/05/2017	1 1	0 16/04/20	7 Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Nasal discharge	Not Known	Nasal discharge (diear mucoid then paralent) from 3 days after vaccination. No previous exposure to Nobivac KC. Treated with Ronaxan 20mg SID. Recovery after 25 days. Nothing further.	Chihuahua	2.25	Nobivac DHP - N/A,N/A,N/A N/A,N/A (13/04/2017- N/A) -BR>Nobivac KC - 1,N/A,N/A,N/A (13/04/2017- 13/04/2017):BR>-BR>Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (13/04/2017- N/A) -BR>	O1 - Inconclusive	Timing/signs consistent with product involvement. Three vaccines administered. KC vaccine more likely cause, but product involvement cannot be excluded.

NOBIVAC L4	UK-VMD-2643/17	United Kingdom	Animal	Canine/dog	10.58 Year(s)	06/05/2017	02/06/2017	1 1	0	15/05/2017	Not Known	Injection site abscess,Injection site infection,Injection site swelling,Injection site pain	Not Known	Subcutaneous swelling approx Scm noticed a few days ago at the site of injection. Painful on palgation. Subsequent abscessation and discharge of haemopurulent material. Outcome unknown.	West Highland White Terrier	8.6	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A, First dose of this vaccination (06/05/2017-N/A) 	A - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-2677/17	United Kingdom	Animal	Canine/dog	8 Year(s)	31/12/2016	22/06/2017	1 1	1	04/01/2017	Not Known	Low platelet count, Death by euthanssia, Inappetence, Lethargy (see also Central nervous system depression in "Neurologica"), Pyrexia, Pallor, Immu ne mediated haemolytic anaemia, Decreased packed cell volume (PCV), Dull, Platelet disorder NOS	Not Known	Vaccinated on 31 Dec 2018 with Nobinsc L4. On 61 an 2017 it presented with pyresis (41.2), lethargic, did and innegentar, PC 1958 and RF1 21 IMMAI (immune nedistated harenolyke anemia) and IMTPI immune nedistated thrombocytopenial) suspected, Austhioprine, predissione and rantidine started and wilds. On 81 and 2017 ribbling food, pallor, 173, PC V175. No none reclined further support attempts and requested PTS (put to elepa). 4 stays to onest of signs, reaction distration 3 days and PTS. No more information expected. Follow up from NAC 22 un 2017 Signs started on 4 lanuary, theo on 51 an 2017 it was presented to the vest with the signs as reported in the initial narrative. No further information expected. NAC anoment: Vedical terms. "Pelateted doorder NOS" and "Immune mediated haemolytic anaemia" are included to reflect case narrative.	English Springer Spaniel	21	Nobivac L4 Suspension for Injection for Dogs – J,N/A,N/A, 1,0,1 ml Unknown 1 Animal (31/12/2016-N/A) BR> 	B - Possible	Temporal association is strong (4 days), lethatypy pyresia and off flood are expected after vaccination. The rest of the signs are not, however some vaccines are known to cause MIAIA. This was not confirmed, however product involvement is possible. One vaccine administered
NOBIVAC L4	UK-VMD-2679/17	United Kingdom	Animal	Canine/dog	2 Month(s)	08/05/2017	24/05/2017	1 1	0	11/05/2017	Not Known,
 Not Known</br 	Localised skin reaction, Lump	Not Known	Two pale cutaineous nodules appeared on face within 48 hours of administration, have decreased in size 2 weeks later: no prurfus. Follow up Case reported to MAH on 24 May 2017 Suspected adverse reaction Vaccinated on 8 May 2017 with Nobbac CHPPP and 14. Reported on 11 May 2017 developed 2 pale cutaineous nodules on it's face within 48 hours of vaccination. 1-2 mm in size. No prurits developed. When een on 23 May 2017 for a second vaccination the nodules had almost disappeared. Unknown if second vaccine was given. No more information expected	Rhodesian Ridgeback	9	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - L/NA/NA, NA/A1 dose each of primary vaccina (08/05/2017- N/A)4BR-4BR-Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A, N/A,1 ml Unknown 1 Animal (08/05/2017-N/A)-BR>-BR>	B - Possible	Signs are unexpected and localised to the face and timing does not indicate an anaphylactic reaction, however temporal association is strong and product involvement cannot be excluded.
NOBIVAC L4	UK-VMD-2686/17	United Kingdom	Animal	Canine/dog	16.26 Year(s)	22/05/2017	23/05/2017	1 1	0	22/05/2017	Not Known, >Not Known, 	Eyelid oedema,Urticarial rash,Facial oedema	Not Known	Uticarial generalised facial oederna more so on right hand side and especially upper dorsolateral epielid margin. Ond go out in mother sparen in afternoon so also possibly insect sting or plant reaction. Signs started less than 6 hours after vaccination, outcome unknown.	Chihuahua	1.54	Nobivac DHP - 1,N/A,N/A,N/A,1x dose (1x vial) (1 Year(s) 22/05/2017- N/A)<8R-SR-Nobivac KC - 1,N/A,N/A,N/A,N/A (22/05/2017- N/A)<8R-SR-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (22/05/2017- N/A)<8R><8R><8R><	B - Possible	Timing/clinical signs suggest a possible hypersensitivity reaction to the vaccines. Three vaccines administered concurrently
NOBIVAC L4	UK-VMD-2706/17	United Kingdom	Animal	Canine/dog	9.45 Month(s)	25/04/2017	24/05/2017	1 1	0	25/04/2017	Not Known,
 Not Known</br 	Blood in faeces,Loose stool	Not Known	Sloppy faces, some spots of Blood in. Owner didn't present to vets, resolved spontaneously in two weeks. Had previously had Nobivac L2 vaccine with previous Owner, no reported problems.	Siberian Husky	19.5	Nobivac KC - 1,N/A,N/A,N/A,N/A (25/04/2017-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial of each (25/04/2017-N/A) 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-2710/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	24/05/2017	24/05/2017	1 1	0	24/05/2017	Not Known,
 Not Known</br 	Facial swelling (see also 'Skin')	Not Known	Facial swelling less than half hour after administration. Outcome unknown.	Pug	9.3	Nobivac DHP - N/A,N/A,N/A N/A,Reconstituted together as a booster (24/05/2017 - N/A) -SBR-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (24/05/2017 - N/A,N/A,N/A,N/A,N/A (24/05/2017 - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Timing/clinical signs suggest a possible hypersensitivity reaction to the vaccine. Two products administered
NOBIVAC L4	UK-VMD-2718/16	United Kingdom	Animal	Canine/dog	1.52 Year(s)	14/01/2016	15/06/2016	3 1	0	28/01/2016	Yes, <b R> Yes</b 	Diarrhoea, Vomiting, Panting, Appetit e loss, Weight loss, Dehydration, Apathy		Duahhoes, emesis, weight loss, agathy, schyporoes, dehydration, anorexia in one of three within 14 days of vaccination. Details of previous reactions unknown. Reaction ongoing at time of report.	Crossbred	30	Nobivac DHP - 1,N/A,N/A, 24,N/A (14/01/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,Full dose (14/01/2016- N/A) 	O - Unclassifiable/unassessa ble	Not a close time association, and clinical signs are rather unspecific and may be due to another underlying condition. Further information required to rule out other conditions.
	UK-VMD-2720/16	United Kingdom	Animal	Canine/dog	1.34 Year(s)	19/05/2016	16/06/2016	1 1	0	19/05/2016	Yes, <b R> Yes</b 	Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Shaking	No Data	Lethargs, shaking, emesis within 30 minutes of administration. Recovery within 2 hours, no treatment given. No previous reaction. Nothing further.	Jack Russell Terrier		Nobivac DHP - 1,N/A,N/A, 24,N/A (19/05/2016-N/A) - RBR>-RBR-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,DHPL4 administered as 1st booster at 13 months of age (19/05/2016-N/A) - RBR>-	B - Possible	Timing and clinical signs suggest product involvement. As two products used, an association is possible.
	UK-VMD-2725/15	United Kingdom	Animal		Not Known	18/06/2015	23/06/2015	1 1	0	18/06/2015	Not Known,
 >BR> Not Known</br 	Injection site pain	Not Known	Injection site pain on Injection of Noblwac L4 and DIPP. Treatment with Metacam 2 hours after vaccination and recovery within 12 hours. No further information expected.	Not Applicable		Nobivac DHP - 1,N/A,N/A,N/A,N/A,(18/06/2015- 18/06/2015-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (18/06/2015- N/A) 	B - Possible	Clinical signs are consistent with a product reaction but two products were used concurrently therefore impossible to say if one product or both products involved.
NOBIVAC L4	UK-VMD-2746/15	United Kingdom	Animal	Canine/dog	2 Month(s)	26/05/2015	23/06/2015	1 1	0	26/05/2015	Not Known	Injection site pain, Vocalisation	Not Known	Injection site pain and vocalisation less than 24 hours after Lepto 4 vaccination. Signs persisted for 2 days before recovery without treatment. Repetition of clinical signs on rechallenge persisting for 8 hours; recovery after unknown treatment. No further information expected.	Crossbred	1.07	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (26/05/2015-N/A) 	A - Probable	Signs are consistent with a probable product reaction, the temporal relationship is strong and the signs recurred on rechallenge.
NOBIVAC L4	UK-VMD-2755/15	United Kingdom	Animal	Canine/dog	6.59 Year(s)	10/06/2015	24/06/2015	1 1	0	10/06/2015	Not Known	Vomiting,Polydipsia,Malaise	Not Known	Suspected emesis within 6 hours post vaccination (fluid noted in bed) followed by malaise lasting for 2 weeks. Owner also noted polydipsia but also noted that the days were warmer. Recovery after 2 weeks following unspecified treatment.	Miniature Schnauzer	12.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (10/06/2015-N/A) 	O1 - Inconclusive	Close time association but signs are non-specific and other causes are possible.
NOBIVAC L4	UK-VMD-2756/15	United Kingdom	Animal	Canine/dog	5.5 Year(s)	18/06/2015	25/06/2015	1 1	0	19/06/2015	Not Known,
 Not Known</br 	Vocalisation,Injection site pain,Off colour,Reluctant to move	Not Known	njection site pain, vocalisation and lethargy starting 6 hours post vaccination. No Treatment given. Lethargy and injection site pain still ongoing the next day, treated with NSAIOS leading to recovery 24 hours later.	Cavalier King Charles Spaniel	9.9	Nobivac DHP - 1,N/A,N/A,24,1 Dose (18/06/2015-N/A) -BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,one vial (18/06/2015-N/A) >BR>	B - Possible	Close time and anatomical association, known to cause injection site pain and swelling.
NOBIVAC L4	UK-VMD-2758/16	United Kingdom	Animal	Canine/dog	3 Month(s)	17/06/2016	18/06/2016	1 1	0	17/06/2016	Not Known,
 Not Known</br 	Urticaria,Pruritus		Urticaria and pruritus starting within 1 hour of Nobbac DHP and L4. Signs persisted for at least 24 hours. An unspecified treatment was given. Outcome unknown. No further information.	Bulldog	8	Nobivac DHP - 1,N/A,N/A,10,1ml reconstituted vaccine (17/06/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (17/06/2016- N/AL>BR> 	B - Possible	Signs may be consistent with a vaccine hypersensitivity but two vaccines were used together (unable to ascertain if one or both involved).
NOBIVAC L4	UK-VMD-2759/16	United Kingdom	Animal	Canine/dog	2 Month(s)	14/06/2016	18/06/2016	1 1	0	14/06/2016	Not Known,
 Not Known</br 	Diarrhoea, Anorexia, Lethargy (see also Central nervous system depression in "Neurological"), Malaise, Dehydratio n	Not Known	Lethargy, anorexia and malaise in 1 of 2 puppies vaccinated within 12 hours of vaccination. Signs in the other puppy are described in 2838/16. Signs continued 4 days post vaccination. Dehydration and diarrhoea also noted. Symptomatic treatment given. Outcome unknown. No further information.	Labrador Retriever	5	N/N/ABACABA Nobivac DHP - 1,N/A,N/A,N/A,one vial of 1.4 used to reconstitute DHP vaccine. (14/06/2016- N/A)-BR>-Obbivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (14/06/2016- N/A)-BRS-BR-NObivac L4	B - Possible	Clinical signs may be expected but prolonged nature is not typical. Two vaccines were used together; unable to say if one or both involved.

NOBIVAC L4	UK-VMD-2764/17	United Kingdom	Animal	Canine/dog	2.19 Month(s)	24/05/2017	26/05/2017	1 1	0 24/	> <b Not Kno ><b< th=""><th>t own, BR BR> t t own, >BR R K BR><br k="" n="" r="" r<="" t="" th=""/><th>Neurological signs NOS,Head pressing, Rolling,Limb weaknes, Elevated gamma- gutamyi transferase (GGT).Ataxia</th><th>Not Known</th><th>Neurological signs, ataxia, head pressing, rolling, dragging limbs. blood work showed slightly elevated GGT. The pup was also microchipped on the same day but radiograph showed correct placement of this chip. Signs started approx 6 hors after concurrent administration of two vaccines and Milguantel. Reaction duration: 24 hours</th><th>Chihuahua</th><th>0.79</th><th>Milquantel 2.5 mg/25 mg Tablets for Ismall Dogs and Pupples Weighing at Least 0.5 kg. 1-JNA/NA/NA/A, 1 ablet per os (24/05/2017-NA/AS-RS-Nobvac DHP-NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N</th><th>01 - Inconclusive</th><th>Signs are not expected, however, temporal association is very strong. Two vaccines and Milkgulanted animistered on the same day. Cannot rule out product involvement</th></th></b<></b 	t own, BR BR> t t own, >BR R K BR> <th>Neurological signs NOS,Head pressing, Rolling,Limb weaknes, Elevated gamma- gutamyi transferase (GGT).Ataxia</th> <th>Not Known</th> <th>Neurological signs, ataxia, head pressing, rolling, dragging limbs. blood work showed slightly elevated GGT. The pup was also microchipped on the same day but radiograph showed correct placement of this chip. Signs started approx 6 hors after concurrent administration of two vaccines and Milguantel. Reaction duration: 24 hours</th> <th>Chihuahua</th> <th>0.79</th> <th>Milquantel 2.5 mg/25 mg Tablets for Ismall Dogs and Pupples Weighing at Least 0.5 kg. 1-JNA/NA/NA/A, 1 ablet per os (24/05/2017-NA/AS-RS-Nobvac DHP-NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N</th> <th>01 - Inconclusive</th> <th>Signs are not expected, however, temporal association is very strong. Two vaccines and Milkgulanted animistered on the same day. Cannot rule out product involvement</th>	Neurological signs NOS,Head pressing, Rolling,Limb weaknes, Elevated gamma- gutamyi transferase (GGT).Ataxia	Not Known	Neurological signs, ataxia, head pressing, rolling, dragging limbs. blood work showed slightly elevated GGT. The pup was also microchipped on the same day but radiograph showed correct placement of this chip. Signs started approx 6 hors after concurrent administration of two vaccines and Milguantel. Reaction duration: 24 hours	Chihuahua	0.79	Milquantel 2.5 mg/25 mg Tablets for Ismall Dogs and Pupples Weighing at Least 0.5 kg. 1-JNA/NA/NA/A, 1 ablet per os (24/05/2017-NA/AS-RS-Nobvac DHP-NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/N	01 - Inconclusive	Signs are not expected, however, temporal association is very strong. Two vaccines and Milkgulanted animistered on the same day. Cannot rule out product involvement
NOBIVAC L4	UK-VMD-2772/14	United Kingdom	Animal	Canine/dog	11 Year(s)	07/05/2014	17/06/2014	1 1	1 09/	05/2014 Not		Thombocytopensi, Jimphopensia, Bi orody diadrinces, Akleiena Vomiting, Impair de vision Partial bilindress, Pyphaemia, Circling- reurological disorders' (Collapse eles alo Cardio-secular al Systemic disorders') Dysproee, Cough, Death by europassia, Jimpheterce, Weskness, Regenerative anaemia, Limb weskness, Respirative anaemia, Limb weskness, Respirative anaemia, Limb weskness, Respirative spiss. Abrormal setz result Biododher eyi, Low	Not Known	Haddim weakness two days following vaccination. Emels, reduced vision, hyphaemia bilaterally, circling, melaena and depipone. Treatment advised but owner dichined use to cost. Blood tests showed regimerative anaemia, hymphopenia, monocytosis and thrombocytopaenia. Accreaia, dysprose, raise, collage and hyphaemia 3 days later. Establishased. No PME carried out. The dog had a history of diarrhoea over the previous few months prior to vaccination. No further information expected.	Shetland Sheepdog	13	Nobbac L 5 Suppension for injection for Dop 1-1, 4 Week, 10,1 ml Twice 3 Animal (4 Week(c)) 07/05/2014-02/05/2014)-8R>-8R>	O1 - Inconclusive	
NOBIVAC L4	UK-VMD-2797/17	United Kingdom	Animal	Canine/dog	3.33 Year(s)	11/05/2017	09/06/2017	1 1	0 11/	> <b< td=""><td>t own, <br BR> >BR t Known</br </td><td>NSMM Falling,Abnormal posture,Epileptic fit</td><td>Not Known</td><td>About 7h after L4/KC came in, fore paw started curling around, then spine curled to side and fell over. Owner has seen epileptic fils before and thought this looked very similar. Lasted about 5-10 mins before recovery. Not on veterinary semantiation (Bh post injection). Regarding previous exposures - has had L4 and KC before but I believe these were from different suppliers.</td><td>Beagle</td><td>19.2</td><td>Nobivac KC - 1,N/A,N/A,24,Routine one off doses given. K (11/05/2017-N/A) - N/A>BR> -Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose 1 Animal (11/05/2017-N/A) - BR>></br></td><td>O1 - Inconclusive</td><td>Temporal association is very strong and product may have played a role, however owner has seen epileptic fits before and thought this looked very similar. Two products administered</td></b<>	t own, <br BR> >BR t Known</br 	NSMM Falling,Abnormal posture,Epileptic fit	Not Known	About 7h after L4/KC came in, fore paw started curling around, then spine curled to side and fell over. Owner has seen epileptic fils before and thought this looked very similar. Lasted about 5-10 mins before recovery. Not on veterinary semantiation (Bh post injection). Regarding previous exposures - has had L4 and KC before but I believe these were from different suppliers.	Beagle	19.2	Nobivac KC - 1,N/A,N/A,24,Routine one off doses given. K (11/05/2017-N/A) - N/A>BR> -Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose 1 Animal (11/05/2017-N/A) 	O1 - Inconclusive	Temporal association is very strong and product may have played a role, however owner has seen epileptic fits before and thought this looked very similar. Two products administered
	UK-VMD-2838/16	United Kingdom	Animal	Canine/dog	2 Month(s)	14/06/2016	22/06/2016	1 1	0 14/	> <b< td=""><td>t own, <br BR> t Known</br </td><td>Emesis, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise, Dehydratio n</td><td>Not Known</td><td>Lethary, anorexia and malaise in 1 of 2 pupples succinated within 12 Bours of vaccination. Signs in tho other puppy are described in 2793/16 signs continued 4 days post vaccination. Dehydration and emesis also noted. Symptomatic treatment given. Outcome unknown. No further information.</td><td>Retriever</td><td>5</td><td>Nobivac DHP - 1,N/A,N/A,N/A,N/A (14/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (14/06/2016-N/A) </td><td>B - Possible</td><td>Clinical signs are consistent with possible product involvement but duration is longer than expected. Cannot exclude involvement of one or both vaccines.</td></b<>	t own, <br BR> t Known</br 	Emesis, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Malaise, Dehydratio n	Not Known	Lethary, anorexia and malaise in 1 of 2 pupples succinated within 12 Bours of vaccination. Signs in tho other puppy are described in 2793/16 signs continued 4 days post vaccination. Dehydration and emesis also noted. Symptomatic treatment given. Outcome unknown. No further information.	Retriever	5	Nobivac DHP - 1,N/A,N/A,N/A,N/A (14/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (14/06/2016-N/A) 	B - Possible	Clinical signs are consistent with possible product involvement but duration is longer than expected. Cannot exclude involvement of one or both vaccines.
NOBIVAC L4	UK-VMD-2849/17	United Kingdom	Animal	Canine/dog	12.7 Year(s)	15/05/2017	16/06/2017	1 1	0 23/	×B	t own, <br BR> t Known</br 	Pyoderma,Pruritus,Allergic pruritus	Not Known	On 15 May 2017, dog vaccinated with booster of Nobivac L4 and a repeat injection of Cartophen. On week after co-administration of Nobivac L4 vaccine and Cartophen dog developed puritic pooderm patches on head above eyes. Did same thing previous year when also had Nobivac L4 and Cartrophen on same day. Treatment given: Apoquel, Rilexine, Isaderm gel. Outcome unknown		31.9	Cartrophen Vet 100 mg/ml Solution for injection for Dogs - 1,N/A/N/A ,10,1 ml Unknown 1 Animal (15/05/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,1 ml Unknown 1 Animal (15/05/2017-N/A)<	B - Possible	Timing/clinical signs suggest product involvement. Two products administered concurrently and dog reacted to the same two products the previous year.
NOBIVAC L4	UK-VMD-2859/17	United Kingdom	Animal	Canine/dog	2.25 Year(s)	30/05/2017	02/06/2017	1 1	0 31/	> <b< td=""><td></td><td>Restlessness, Walking difficulty, Panting Joint pain</td><td>Not Known</td><td>16 hours after vaccination, the dog became restless, was panting excessively and seemed unable to walk on its legs. Four hours into this reaction veterinary assistance was sought and I made a home visit. The dogs "clinical examination was normal. There was mild pain on extension of the right stift. All other parameters were normal. Bloods were taken for haematology, biochemistry and electrolyte which were all normal. Assessment of the dog 5 hours later (26 hours after vaccine) was completely normal.</td><td>Golden Retriever</td><td>30.2</td><td>Nobivac KC - N/A,N/A,N/A,N/A,N/A (30/05/2017-N/A)-BBY-SBR-Nobivac LB Suspension for Injection for Disposition of State of State of Subcutaneous La were administered in routine fashion by the veterinary surgeon (30/05/2017- N/A)-BR-SBR></td><td>B - Possible</td><td>Signs are unexpected but the very close time association, product involvement is possible. Two products administered</td></b<>		Restlessness, Walking difficulty, Panting Joint pain	Not Known	16 hours after vaccination, the dog became restless, was panting excessively and seemed unable to walk on its legs. Four hours into this reaction veterinary assistance was sought and I made a home visit. The dogs "clinical examination was normal. There was mild pain on extension of the right stift. All other parameters were normal. Bloods were taken for haematology, biochemistry and electrolyte which were all normal. Assessment of the dog 5 hours later (26 hours after vaccine) was completely normal.	Golden Retriever	30.2	Nobivac KC - N/A,N/A,N/A,N/A,N/A (30/05/2017-N/A)-BBY-SBR-Nobivac LB Suspension for Injection for Disposition of State of State of Subcutaneous La were administered in routine fashion by the veterinary surgeon (30/05/2017- N/A)-BR-SBR>	B - Possible	Signs are unexpected but the very close time association, product involvement is possible. Two products administered
NOBIVAC L4	UK-VMD-2865/17	United Kingdom	Animal	Canine/dog	2 Year(s)	01/04/2017	02/06/2017	1 1	0 01/	> <b< td=""><td>t own, <br BR> >BR> t Known</br </td><td>Inappetence, Shaking, Lethargy (see also Central nervous system depression in 'Neurological'), General pain (see other SOCs for specific pain)</td><td>Not Known</td><td>Very lethargic, shivering, any movement appeared painful, off her food within 6 hours of vaccination. Previous unspecified reactions. Recovery without treatment after 12 hours. Nothing further.</td><td>Miniature Poodle</td><td>4.4</td><td>Metacam 5 mg/ml Solution for Injection for Dogs and Cats- N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.</td><td>A - Probable</td><td>Timing/signs consistent with probable product involvement.</td></b<>	t own, <br BR> >BR> t Known</br 	Inappetence, Shaking, Lethargy (see also Central nervous system depression in 'Neurological'), General pain (see other SOCs for specific pain)	Not Known	Very lethargic, shivering, any movement appeared painful, off her food within 6 hours of vaccination. Previous unspecified reactions. Recovery without treatment after 12 hours. Nothing further.	Miniature Poodle	4.4	Metacam 5 mg/ml Solution for Injection for Dogs and Cats- N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	A - Probable	Timing/signs consistent with probable product involvement.
NOBIVAC L4	UK-VMD-2874/16	United Kingdom	Animal	Canine/dog	2.52 Month(s)	18/05/2016	23/06/2016	1 1	0 18/	> <b< td=""><td>t own, <br BR> t Known</br </td><td>Anorexia, Lethargy (see also Central nervous system depression in 'Neurological')</td><td>Not Known</td><td>Lethargy and anonexia starting the same day as vaccination and persisting for at least 5 days. Outcom unknown. No further information.</td><td>e West Highland White Terrier</td><td>1.98</td><td>Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (18/05/2016- N/A): BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,I vial (18/05/2016- N/A): BR>-BR></td><td>B - Possible</td><td>Close temporal association and signs are expected but another product was also used. Unable to ascertain whether one or both products involved.</td></b<>	t own, <br BR> t Known</br 	Anorexia, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and anonexia starting the same day as vaccination and persisting for at least 5 days. Outcom unknown. No further information.	e West Highland White Terrier	1.98	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (18/05/2016- N/A): BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,I vial (18/05/2016- N/A): BR>-BR>	B - Possible	Close temporal association and signs are expected but another product was also used. Unable to ascertain whether one or both products involved.
	UK-VMD-2900/14	United Kingdom	Animal		8.17 Year(s)		25/06/2014	1 1		> <b Not Kno ><b Not</b </b 	own, <br BR> t own, <br BR> t Known</br </br 	Injection site abscess	Not Known	Injection site abscess 2 days after administration. No further information.	Labrador Retriever		Cartrophen Vet 100 mg/ml Solution for Injection - N/A.N/A.N/A.N/A. 2.4.Unknown dosage (N/A- 1). 2.4.Unknown dosage (N/A- 1). 2.4.Unknown injection for Dogs - 1,N/A.N/A.2.4.1 dosage form/vial of each (13/6/62014-N/A). 48R-48R-Nobbvac Pi- N/A.N/A.R.4.1 dosage form/vial of each (13/6/05/14-N/A). 48R-48R-Nobbvac Pi- N/A.N/A.R.4.1 dosage form/vial of each (18/06/2014-N/A).	O - Unclassifiable/unassessa ble	
NOBIVAC L4	UK-VMD-2916/17	United Kingdom	Animal	Canine/dog	2.17 Year(s)	05/06/2017	06/06/2017	1 1	0 05/	06/2017 Not	t Known	In appetence, Dull, Off colour	Not Known	Off colour, inappetant, quiet 6 hours after vaccination. Nothing specific on exam, temp normal and took treats in consult. Reaction duration 12 hours approx. Was off colour about 5 days post-vacc last year and owner thinks actually started a day or so post-vac on that occasion.	Crossbred	4.4	Nobivac L4 Suspension for Injection I for Dogs - 1,N/A,N/A, N/A,One vial given subcutaneously. Needle changed between drawing up and administering product. (05/06/2017-N/A) RR><	A - Probable	Timing/clinical signs suggest product involvement.
NOBIVAC L4	UK-VMD-2929/17	United Kingdom	Animal	Canine/dog	12.33 Year(s)	26/05/2017	07/06/2017	1 1	1 26/	05/2017 Not	t Known	Pancreatitis, Death by euthanasia, Vomiting, Elevated lipase	Not Known	Intermittent vomiting starting within 12 hours of vaccination and continuing over next few days - initially appeared to improve but then deteriorated again a few days later. Admitted for treatment - signs suggestive of pancreatitis and cPLI positive. Deteriorating and euthanased. No previous exposure. Nothing further.	West Highland White Terrier	9.5	Nobivac L4 Suspension for Injection of for Dogs - 1,N/A,N/A,N/A,Single dose given (1 Day(s) 26/05/2017- N/A 	O1 - Inconclusive	Timing consistent. Signs not expected. Product involvement cannot be excluded.

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NOBIVAC L4	UK-VMD-2937/16	United Kingdom	Animal	Canine/dog	13 Week(s)	21/06/2016	06/07/2016	1 1	0 21/08	2016 Not Known, <i known,<br=""> Not Known, <i known<="" not="" td=""><td>R> 3R R></td><td>Not Known</td><td>Trembling and ataxia starting the same day as Advocate, Nobivoc DHP and Nobivac L4. Resolved after washing off Advocate. No further information.</td><td></td><td>1.39</td><td>Advocate Spot- on Solution for Small Dogs - 1.N/A,N/A, 24.N/A (21/06/2016-N/A)-BR>-BBS-Nobivac DHP - N/A,N/A,N/A,N/A (21/06/2016-N/A)-BR>-BBS-Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (21/06/2016-N/A)-BBS-BBS-N/A</td><td></td><td>Close temporal relationship, signs may represent hypersentishity but diff resolve once dechallenge of another product was performed.</td></i></i>	R> 3R R>	Not Known	Trembling and ataxia starting the same day as Advocate, Nobivoc DHP and Nobivac L4. Resolved after washing off Advocate. No further information.		1.39	Advocate Spot- on Solution for Small Dogs - 1.N/A,N/A, 24.N/A (21/06/2016-N/A)-BR>-BBS-Nobivac DHP - N/A,N/A,N/A,N/A (21/06/2016-N/A)-BR>-BBS-Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (21/06/2016-N/A)-BBS-BBS-N/A		Close temporal relationship, signs may represent hypersentishity but diff resolve once dechallenge of another product was performed.
NOBIVAC L4	UK-VMD-2938/16	United Kingdom	Animal	Canine/dog	1.06 Year(s)	28/06/2016	28/06/2016	1 1	0 28/06	2016 Not Known, <i known,<br="" not=""> Known, Not Known, Not Known</i>	R> 'Neurological'),Conjunctival oedema,Facial oedema,Eyesight 3R trouble	Known	Oedema of the muzzle and conjunctiva accompanied by lethargy starting within 6 hours of vaccinatio Signs persisted for 2 hours, a steroid injection was given. No further information.	n. Crossbred	8	8 Nobiwac DHP - 1,N/A,N/A,10,1 ml (28/06/2016-N/A) -GR>-Nobiwac KC - 4,N/A,N/A,10,0.4 ml (28/06/2016-N/A) -GR>-Nobiwac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A,N/A(28/06/2016- N/A) -GR>-GR>-	B - Possible	Clinical signs are consistent with a hypersensitivity reaction to one or more of the products used.
NOBIVAC L4	UK-VMD-2944/15	United Kingdom	Animal	Canine/dog		03/07/2015	06/07/2015	1 1	0 04/07		Vomiting,Lethargy (see also Centra nervous system depression in 'Neurological')	Not Known	Emesis and lethargy within 12 hours post vaccination. Recovery 36 hours later with no treatment needed.	Rottweiler	36	5 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (03/07/2015-N/A) 	B - Possible	Close time association but other causes are possible.
NOBIVAC L4	UK-VMD-2962/15	United Kingdom	Animal	Canine/dog	4.17 Year(s)	06/07/2015	07/07/2015	1 1	0 06/07	2015 Not Known	Stiffness NOS,Tachycardia,Anorexia,Relucta nt to move,Pyrexia	Not Known	Stiffness and reluctant to move starting within a few hours post vaccination. Anorexia the next day. Pyrexia and tachycardia noted on examination but otherwise no other abnormalities. Unspecified treatment given, outcome unknown.	Yorkshire Terrier	5.75	5 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml vial (06/07/2015-N/A) 	B - Possible	Close time association, signs are non-specific but could be caused by vaccination.
	UK-VMD-2982/16	United Kingdom	Animal		7.12 Year(s)		30/06/2016	1 1		2016 Not Known, > Not Known	R>	Not Known	Malaise, rhinits and cough starting 2 days gost Nobivac KC and L4. Rhinits and malaise resolved after week but cough remained. No further information.			vacc given up the nose with a lepto 4 vaccination at the same time (21/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,N/A (21/06/2016- N/A) 	O1 - Inconclusive	Role in malaise cannot be excluded but signs are more likely association with the other vaccine or field infection.
	UK-VMD-2996/17	United Kingdom	Animal		8.25 Year(s)	04/05/2017	09/06/2017	1 1	0 05/05	Known, < > <i Not Known</i 	R> depression in 'Neurological')	Not Known	Lethargic, reduced appetite - transient less than 24 hours after administration of product, reaction duration 36 hours	Yorkshire Terrier		5 Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (04/05/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (04/05/2017- N/A) 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-2999/17	United Kingdom	Animal	Canine/dog		10/06/2017		1 1	0 10/06	Known, < > <i Not Known</i 	R> other 'SOCs' for specific pain), Vocalisation	Not Known	Off back legs and crying out within 3 hours of vaccination. On examination by vet, moderate soreness over injections led and on stretching out foreinable, otherwise normal. Prior to voccination ven toxic, and informed owners, puppy was scratching neck as if uncomfortable. No previous exposure. Recove after 1 hour. Nothing further.	Crossbred	1.6	Nobivac DHP - 1,N/A,N/A,N/A,One vial of each mixed (10/06/2017-N/A)4BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,u (10/06/2017-N/A)4BR> 	O1 - Inconclusive	Timing/signs consistent with product involvement. Possible pre-existing condition. Two vaccines administered.
NOBIVAC L4	UK-VMD-3002/17	United Kingdom	Animal	Canine/dog	5.75 Year(s)	10/06/2017	11/06/2017	1 1	0 10/06	2017 Not Known	Seizure NOS	Not Known	Partial seizure within 9 hours of vaccination. Dog has had occasional previous partial seizure approximately every 6 months, last one on 4/1/17. L4 vaccination first given MayJune 2016, no reaction at the time. Dog had had a possible partial seizure in January 2016. Further seizures in Sept/Oct 2016 and Jan 2017. No previous reactions. Recovery after 2 hours. Nothing further.	Crossbred	31	1 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (10/06/2017-N/A) 	O1 - Inconclusive	Timing consistent with most recent seizure. Product involvement cannot be excluded.
	UK-VMD-3008/15	United Kingdom	Animal	Canine/dog	8.92 Year(s)	11/06/2015	09/07/2015	1 1		2015 Not Known	Diarrhoea	Not Known	Diarrhoea within 24 hours post vaccination. Recovery 1 week later with no treatment needed.	Golden Retriever	36	5 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 (one)ml sub-cutaneous injection (11/06/2015-N/A) -BR> 	O1 - Inconclusive	Close time association but unexpected adverse event.
	UK-VMD-3015/16	United Kingdom	Animal	Canine/dog	10.58 Year(s)	20/06/2016	01/07/2016	1 1	0 21/06	2016 Not Known	Anorexia, Hyperthermia, Lethargy (see also Central nervous system depression in 'Neurological'), Limb weakness, Generalised weakness	Not Known	Hindlimb weakness, lethargy, anoresis starting the day after vaccination. Presented to vets 9 days lat with hyperthermia and weakness. Bloods were normal. Responded to treatment with IVFT and NSAID on an unknown date. No further information.	er Crossbred	11	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,Vaccine given alone for annual booster, no other vaccines given at the same time. (20/06/2016-N/A) 		Close temporal association with initial onset although signs did persist for a prolonged period. No other causes identified and signs may be consistent with a product reaction.
NOBIVAC L4	UK-VMD-3020/16	United Kingdom	Animal	Canine/dog	3.45 Year(s)	14/04/2016	01/07/2016	1 1	0 25/04	Known, 	R> (see also Central nervous system depression in 'Neurological') 3R	Not Known	Lethargy, shaking, reduced level of consciousness starting within 1 hour of second Attwetrin. Monitored by out of hours vet. Recovery within 2 a hours, Lingcition had been given intramuscularly rather than subcutaneously. The same symptoms were seen after the third and fourth Altuvetrin injections. The dog had Nobivac L4 and DHP 2 weeks after the first Altuvetrin injection. No further information.	West Highland White Terrier	1 10		No assessment performed	
NOBIVAC L4	UK-VMD-3022/16	United Kingdom	Animal	Canine/dog	4.1 Year(s)	25/06/2016	01/07/2016	1 1	0 26/06	2016 Not Known, >BR> Not Known, >BR>>BR> Not Known	R> in 'Neurological')	Not Known	Lethury and hypersalivation starting within 12 hours of Apoquel onset and 24 hours of Nobbac CIPE and 14. Apoquel dechallenge performed leading to resolution of signs within 48 hours. Treated with Malcetic Aural and Cepha	English Cockei Spaniel	13	3 Apoqued 5.4mg Film-coared Tablet for Dogs - 5.4.2.1 Days_3.5.4mg twice daily (3 Days) 1.2506/2016 - 27/06/2016/sBr-sBr>Noblava Dhr- N/A/NA/NA/NA/NA/C5506/2016- 25/06/2016/sBr-sBr>Noblava L4 Suspension for injection for Dogs- N/A/NA/NA/NA/NA/NA/C55/06/2016- 25/06/2016/sBr>-sBr>	B - Possible	Hippersialwation may represent nauses and lethargy is ado present, both gism may be related to any individual or combination of products used. Onset also consistent for 3 products, as is recovery. Product involvement is possible.
	UK-VMD-3030/14	United Kingdom	Animal		1.22 Year(s)	02/07/2014	07/07/2014	1 1		Not Known, > Not Known	R> (see also 'Skin') RR>	Known	Emesis within minutes post vaccination. Allergic oedema of the face and neck, dyspnoea and loss of consciousness? hours later. Recovery 3 hours later following antihistamine administration. Suspected anaphylaxis.	Boston Terrie		Nobivac DHP - 1,N/A,N/A, 24,Dog due amual booster - given (02/07/2014-N/A)-GBR-BB-Nobivac KC - 1,N/A,N/A, 24,1 Dose (02/07/2014-N/A)-EBR-Nobivac LS - 1,N/A,N/A, 24,1 Dose (02/07/2014-N/A)-BR-Nobivac LS - suspension for i	B - Possible	
NOBIVAC L4	UK-VMD-3045/16	United Kingdom	Animal	Canine/dog	6.5 Year(s)	06/04/2016	04/07/2016	1 1	0 07/04	'2016 Yes	Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy within 24 hours of both vaccinations that were given four weeks apart. Recovery within 3 weeks following first vaccination, but he weeks following second vaccination, and the lethargy was worse. Owner concerned the dog has noticeably aged and is not back to normal self.	Greyhound	27.3	3 Nobivac L4 Suspension for Injection for Dogs - N/A,1,1 Months,N/A,Single subcutaneous dose given 6/4/16. Second dose given 3/5/16 (1 Day(s) 06/04/2016- 03/05/2016)-BR>-BR>	A - Probable	Close time association, same clinical signs developed after both vaccinations, therefore product involvement is probable.
NOBIVAC L4	UK-VMD-3046/15	United Kingdom	Animal	Canine/dog	3 Month(s)	29/06/2015	12/07/2015	1 1	0 29/06	2015 Not Known	Facial swelling (see also 'Skin')	Not Known	Allergic oedema of the face within 1 hour post vaccination. Recovery 1 day later following unspecified treatment.	English Cocker Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,VACCINATION (29/06/2015- N/A) N/A) RP>	A - Probable	Close time association, suspected hypersensitivity reaction.

NOBIVAC L4	UK-VMD-3059/15	United Kingdom	Animal	Canine/dog	6 Year(s)	13/07/2015	13/07/2015	1 1	0 13/07	2015 Not Known, > Not Known	Periorbital oedema,Allergic BR oedema,Facial oedema R>	Not Known	Periorbital, facial and labial allergic cedems (subcutaneous and pitting) less than 6 hours after vaccination with Nobbuco CPH and La Which had persisted for 3 hours at the time of reporting. Unknown treatment given, outcome unknown. No further information expected.	Boxer (German Boxer)	45.95	Nobivac DHP - 1,N/A,N/A, 24,One dose vaccine with both parts injected together after mixing. (13/07/2015- 13/07/2015) Nobivac L4 Suspension for Injection for Dogs -	B - Possible	Signs and onset are consistent with possible product involvement however, 2 products were used concurrently so unable to prove/disprove involvement of either conclusively.
NOBIVAC L4	UK-VMD-3063/14	United	Animal	Canine/dog	4 Year(s)	12/05/2014	08/07/2014	1 1	1 30/06	2014 Not	Lymphoma, Death by euthanasia	Not	High grade lymphoma confirmed by biopsy noted 6 weeks following 1st dose vaccination and 3 weeks	Labrador	28.2	1,N/A,N/A,24,One dose vaccine with both parts injected together after mixing. (13/07/2015- 13/07/20158R>-8R> Nobivac DHP - 1,N/A,N/A,10,1ml of	0-	
		Kingdom								Known, > < Not Known	ir>	Known	following 2nd dose vaccination. Euthanasia at owners request.	Retriever		dissolved product (12/05/2014- 09/06/2014) Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (12/05/2014- 09/06/2014) 	Unclassifiable/unassessa ble	
NOBIVAC L4	UK-VMD-3065/16	United Kingdom	Animal	Canine/dog	1 Year(s)	25/05/2016	05/07/2016	1 1	0 25/05	2016 Yes	Diarrhoea,Anorexia	No Data	Diarrhoea and anorexia within 24 hours of vaccination. Full recovery within 48 hours, no treatment given. No further information	Border Collie	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (25/05/2016-25/05/2016) 	B - Possible	Close temporal association; clinical signs known to occur following vaccination however there may have been another cause.
NOBIVAC L4	UK-VMD-3071/16	United Kingdom	Animal	Canine/dog	2.42 Year(s)	09/04/2016	05/07/2016	1 1	0 01/05	2016 Yes, <br R> <br< td=""><td><b digestive="" disorder="" es<="" nos="" p="" tract=""></td><td>No Data</td><td>Intermittent digestive tract disorder since vaccination 4 weeks earlier. Abdominal ultrasound, untialysis, blood and thyroid profile laythin normal limits. Also noted that dambea presented once following GA two months prior to vaccination. No previous vaccine reaction. Outcome unknown. Northing further.</td><td>Basset Hound</td><td></td><td>weeks later due to practice change from L2 (09/04/2016- N/A/sBR>=R8Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (09/04/2016- N/A/sBR>>=R8></td><td>O - Unclassifiable/unassessa ble</td><td>Clinical signs are unusual, and no cause has been determined following diagnostics. Although there is a close time association with the vaccination, overall product involvement is inconclusive. Two products used.</td></br<></br 	<b digestive="" disorder="" es<="" nos="" p="" tract="">	No Data	Intermittent digestive tract disorder since vaccination 4 weeks earlier. Abdominal ultrasound, untialysis, blood and thyroid profile laythin normal limits. Also noted that dambea presented once following GA two months prior to vaccination. No previous vaccine reaction. Outcome unknown. Northing further.	Basset Hound		weeks later due to practice change from L2 (09/04/2016- N/A/sBR>=R8Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (09/04/2016- N/A/sBR>>=R8>	O - Unclassifiable/unassessa ble	Clinical signs are unusual, and no cause has been determined following diagnostics. Although there is a close time association with the vaccination, overall product involvement is inconclusive. Two products used.
	UK-VMD-3071/17	United Kingdom	Animal	Canine/dog	2 Year(s)	22/05/2017	21/07/2017	1 1	0 29/05	2017 Not Known	Autoimmune disorder NOS,Ataxia,Food refusal,Unsteady gait,Arched back,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known o	Lethargy which then escalated to arching of the back and lack of inferest in food then wobbling aroun and unsteady on the feet within 7 days of vaccination. Diagnosed with auto immune problem being treated currently with chemotherapy. No previous exposure. Outcome unknown. Linked case UK-VMI 3075/JT. Nothing further.	d Crossbred	6.3	B Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Not known (22/05/2017-N/A)	B - Possible	Timing/initial signs of lethargy and food refusal consistent with product related reaction. Product involvement in further signs cannot be excluded, but further investigations not reported.
	UK-VMD-3073/16	United Kingdom	Animal	Canine/dog	14 Year(s)	16/12/2015	05/07/2016	1 1	0 18/12	'2015 Yes	Not drinking, Falling, Unable to stand, Disorientation, Collapse (see also 'Cardio-vascular' and 'System disorders'), Not eating, Balance impaired	No Data ic	Unable to stand, ataxis, balance impaired, disorientation, collapse, anoresia, adgola within 48 hours vaccination. Recovery within 3 days following unspecified treatment. No previous reaction. Report sent in by owner following press article.	of Crossbred		for Dogs - 1,N/A,N/A ,24,N/A (16/12/2015-N/A) 	O1 - Inconclusive	Although clinical signs are unusual, there is a close temporal association, therefore product involvement cannot be ruled out.
NOBIVAC L4	UK-VMD-3074/17	United Kingdom	Animal	Canine/dog	2.23 Month(s)	27/05/2017	15/06/2017	1 1	0 29/05	2017 Not Known, >BR> Not Known		Not rt Known	Doarhoes, ivappetence and signs of polyarthrifis-tarted with lumbar pain but progressed to affect stifles and then form timble, mostly shows) within 2.5 days of vaccination. No previous exposure. Treated with anti-inflammatories. Recovery after 2 weeks. Nothing further.	Crossbred	3.3	Nobivac DHP - 1,N/A,N/A ,10,Standard dose 1 ml L4 used to dissolve DHP and combined product injected subcutaneously, (27/05/2017-N/A)-BRS-SRN-Obivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,N/A (27/05/2017- N/A)-BR>-BR>	B - Possible	Timing/signs consistent with possible product related reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-3075/17	United Kingdom	Animal	Canine/dog	Not Known	22/05/2017	15/06/2017	1 1	0 03/06	2017 Not Known	Sickness,Lethargy (see also Centra nervous system depression in 'Neurological')	l Not Known	Sickness and lethargy for 5 days starting within 12 days of vaccination. No previous exposure. Letharg ongoing. Linked case UK-VMID-3071/17. Nothing further.	y Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (22/05/2017-N/A) 	O1 - Inconclusive	Longer time to onset than expected. Signs consistent but non-specific. Product related reaction cannot be excluded.
NOBIVAC L4	UK-VMD-3081/16	United Kingdom	Animal	Canine/dog	3.3 Year(s)	20/01/2016	05/07/2016	1 1	0 11/02	'2016 Yes	Abdominal pain, Diarrhoea, Vomiting, Food intolerance syndrome, Weight loss, Stomach inflammation	No Data	Emesis, diarrhoea within 12 hours lasting for three days following vaccination. Recovery following omegrazioe however clinical signs returned three days laster. Nothing abnormal detected on radiographs. Abdominal pain, endoscopy confirmed stomach inflammation. Continued treatment with omegrazioe however has developed food intolerance syndrome as well as weight loss. Treatment continued. Outcome unknown. Nothing further.	German Shepherd Dog	25	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,Injection Nobivac DHPPI further on 10/02/16 of single Nobivac L4 lotA041A01 b (20/01/2016-N/A)-BR>>BR>	B - Possible	Close temporal association therefore coded B. Clinical signs are unusual however product involvement is possible. No other causes have been identified.
NOBIVAC L4	UK-VMD-3092/16	United Kingdom	Animal	Canine/dog	10.25 Year(s)	08/06/2016	06/07/2016	1 1	0 09/06	2016 Not Known, > <r Not Known</r 		Not Known	Diarrhose within 24 hours of Nobbec DHP and L4. An unknown treatment was given and outcome is unknown. No further information.	English Cocker Spaniel	21.1	Nobivac DHP - 1,N/A,N/A, 24,N/A (09/06/2016-N/A)-BR>-SBR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,Nobivac DHP/L4 vaccine (08/06/2016-N/A) -SBR>	O1 - Inconclusive	Sign may represent hypersensitivity although onset is slightly delayed and information is minimal. Another product was also used concurrently.
	UK-VMD-3094/14	United Kingdom	Animal	Canine/dog	9 Week(s)	27/06/2014	04/08/2014	3 1	1 29/06	Known, > < Not Known	iR> oedema, Skin swelling, Death, Pain NOS, Lethargy (see also Central nervous system depression in 'Neurological'), Bruising, Haematon a NOS	Not Known	Injection site swelling in 1 out of 3 puppies 2 days post vaccination. An identification chip was implanted at the same time. Swelling increased in site by the next day. Swelling increased again spreading to the next, Thank and goin, busing in the goin also noted 3 disp site. Pain and lethargy 1 week later, treated with NSAIDs. Cardiovascular shock and death later the same night. PME cause of death haematoma suspect due to clotting disorder not vaccine reaction.	Crossbred	4	Nobivac DHP - 1,N/A,N/A,10,1ml- single dose (27/06/2014- N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (27/06/2014- N/A) 	B - Possible	
NOBIVAC L4	UK-VMD-3096/15	United Kingdom	Animal	Canine/dog	3 Month(s)	02/07/2015	15/07/2015	1 1	0 05/07	Z2015 Not Known, > <br< known,<br="" not=""> > <known, Not Known</known, </br<>	R> BR	Not Known	Seezing and rhinitis 3 days post vaccination. Still ongoing 9 days later when report submitted, despite unspecified treatment. Vet reports dog is brachcephalic and this may aggravate any respiratory signs.	Chihuahua	1.15	Bronchi-Shield, Lyophillistate and Solvent for Suspension for Nasal Drops for Dogs - 1.N/A.N/A, 24,1 dose of vaccine (02/07/2015-N/A)-RR-SR-Noblwac DHP - 1.N/A.N/A, 24,M/A (02/07/2015-N/A)-RR-SR-SR-Noblwac 14 Suspension for injection for Dogs - 1.N/A.N/A, 24,M/A (02/07/2015-N/A)-RR-SR-SR-Noblwac 14 N/A.N/A, 24,M/A (02/07/2015-N/A)-RR-SR-SR-SR-Noblwac 14 N/A.N/A, 24,M/A (02/07/2015-N/A)-RR-SR-SR-SR-Noblwac 14 N/A)-RR-SR-SR-SR-Noblwac 14 N/A)-RR-SR-SR-SR-Noblwac 14 N/A)-RR-SR-SR-SR-Noblwac 15 N/A)-RR-SR-SR-SR-Noblwac 15 N/A)-RR-SR-SR-SR-Noblwac 15 N/A)-RR-SR-SR-SR-Noblwac 15 N/A)-RR-SR-SR-SR-Noblwac 16 N/A)-RR-SR-SR-Noblwac 16 N/A)-RR-SR-SR-Noblwac 16 N/A)-RR-SR-SR-Noblwac 16 N/A)-RR-SR-Noblwac 16 N/A)-RR-SR-Noblwa	N - Unlikely	Signs are more likely to be related to kennel cough vaccination.
NOBIVAC L4	UK-VMD-3096/16	United Kingdom	Animal	Canine/dog	12.92 Year(s)	04/07/2016	06/07/2016	1 1	1 05/07	2016 Not Known, > Not Known		D Not Known	Enesis, lethargy and recumbercy the day after Nobina CRIPR and L4. Leucoptosis on bloods. Treatment with Meloxicam. Died over right. Sent for PME but no results provided. No further information.	Labrador Retriever	37	Nobivac DHPi - 1,N/A.N/A ,24,N/A (04/07/2016-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A.N/A ,24,N/A (04/07/2016-N/A) >BR>	O1 - Inconclusive	Clinical signs (except death) are consistent with possible product involvement. Death is not expected and another product was used concurrently. No PME results at reporting.
NOBIVAC L4	UK-VMD-3098/16	United Kingdom	Animal	Canine/dog	2.45 Month(s)	30/06/2016	06/07/2016	3 2	0 01/07	2016 Not Known, > BR>< Not Known		Not Known	Lethargy, anorexia, hyperthermia starting within 24 hours of Nobivoc L4 and DHPFI. Signs persisted for at least 5 days. Outcome unknown. No further information.	French Bulldog	3	Nobivac DHPPI - 1,N/A,N/A,24,N/A (30/06/2016-N/A)-BRS-BRS-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 ampule combined with DHPPI (30/06/2016- N/A) -BR>	B - Possible	Temporal association supportive and signs may be expected following vaccination but prolonged signs noted and signs are non specific. Two vaccines used, unknown if one or both involved.
NOBIVAC L4	UK-VMD-3101/15	United Kingdom	Animal	Canine/dog	3 Month(s)	10/07/2015	16/07/2015	1 1	0 14/07	2015 Not Known, > Not Known		Not Known	Non-painful injection site lump noted 4 days post vaccination. No treatment given, still ongoing when report submitted 2 days later. The dog was administered a kenned cough vaccine concurrently.	Tibetan Terrier	r 5.3	3 Nobivac KC - 1,N/A,N/A ,24,N/A (10/07/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,Single dose vaccine (10/07/2015-N/A) 	A - Probable	Close time and anatomical association, known adverse effect.

NOBIVAC L4	UK-VMD-3107/17	United Kingdom	Animal	Canine/dog	1.42 Year(s)	08/06/2017	01/07/2017	1	1 0	09/06/2017	Not Known, >CBR> BR> Not Known, Not Known, CBR> Not Known, >BR> Not Known, >BR> Not Known, Not Known	Lameness,Lethargy (see also Central nervous system depression in 'Neurological'],Vomiting,Diarrhoea	Not Known	Lethargic starting within 12 hours of vaccination or first 48 hours progressing to diarrhoea and vomiting from 48-96 hours then back to normal. Transient lameness on one leg. No previous exposure Advocate and seresto dispensed but unknown if applied. Nothing further.	Dobermann 2.	Not Known	Advocate Spot-on Solution for Extra- Large Dogs. *N/AN/AN/A N/A/Poduct size NCA best guess (N/A-N/A/BRGB-Nobbac DHPPI, Lypophlisate for Suppersion for Injection for Dogs. *1.N/AN/A N/A.standard dose (BR/BC/2017- N/A-BBGB-Nobbac L4 Suppersion for Injection for Dogs. 1.N/AN/AN/AN/AN/AN/GB/GG/2017- N/A/BBGB-SPEETO 4.50 g s. 2.03 g. Collar for Dogs. 2 8 kg. N/AN/AN/AN/AN/Poduct size NCA best guess (N/A-N/A)-BR>-GB-SCA	B - Possible	Timing/signs consistent with possible product related reaction. Two vaccines administered and possible antiparastic products applied.
NOBIVAC L4	UK-VMO-3109/17	United Kingdom	Animal	Canine/dog	9.17 Year(s)	09/06/2017	21/06/2017	1	1 1	10/06/2017	Not Known,
 >CR Not Known</br 	Restlessness, Balance problem. Eye disorder NOS (for photophobia) ex ineurological"), Meningitis, Circling-neurological disorders (see also "Behavioural disorders'), Head tilt neurological disorders', Laboured breathing, Brain disorder NOS, wallowing disorder NOS, Wallowing disorder NOS, Wallowing disorder NOS, Wallowing disorder NOS, Death	Not Known	Head filting to one side, wering to opposite side, moving in circles, complete loss of use in one eye, really really heavy heaving, couldn't ext properly, couldn't seem to pick food up or swallow it properly starting within 24 hours of vaccination. At first couldn't walk more than 2 steps but then this changed to being very restless and not being able to keep gills. Blood test clays, Yard (elsa. Mit show swelling of the brain and meningitis. The eye was deed and couldn't get her breathing under control. Unknown't filed or estimaness? d. slays remaining of course of Clavubactin for a sore vulva which had cleared up at the time of vaccination. Nothing further:	Shih Tzu	7.8	Clavubactin 250/62.5 mg Tablets for Dogs - 5,21 Days,N/AO,5 Tablets 1 Days 1 Animal (21 Days) 22/05/2017-N/AI-8B-<8B-Nobivac Ld Supersion for injection for Dogs 1,N/AN/A,10,1 ml 1 Animal (09/06/2017-N/A)-BB- <bb></bb>	B - Possible	Timing consistent. Sigm not usually expected Product related reaction possible, but not investigation of other causes. Clavubactin also being administered at time of vaccination.
	UK-VMD-3124/15	United Kingdom	Animal	Canine/dog	2.45 Month(s)	16/07/2015	17/07/2015	1	1 0	16/07/2015	Not Known,
 >Not Known</br 	Diarrhoea, Vomiting, Anorexia, Shiver ing	Not Known	Shivering, diarrhoea, emesis and anorexia starting within 24 hours post vaccination. No treatment given at the time the report was made 1 day later, outcome unknown.	English Cocker Spaniel	3.7	Nobivac DHP - 1,N/A,N/A 24,Vaccine given together in one syringe as per data sheet (16/07/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,2 Vaccine given together in one syringe as per data sheet (16/07/2015-N/A) 	O1 - Inconclusive	Close time association and some signs could be expected but 2 products given and other factors could be involved.
NOBIVAC L4	UK-VMD-3126/16	United Kingdom	Animal	Canine/dog	7.41 Year(s)	06/07/2016	07/07/2016	1	1 0	07/07/2016	Not Known	Emesis,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	The dog was administered the second dose of the vaccine (6 weeks after the first one) and started wit memis (ownited 3 times) within 2 Ab ours. The dog was also reported as being more quiet the day first the first vaccination of Nobivac L4. Unknown if any treatment given, outcome unknown. The dog did react to past administrations (product name and time of reaction unknown).	th Dobermann r	33	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (06/07/2016-N/A) BR> 	B - Possible	Clinical signs are unusual and not listed on the SPC, however product involvement is possible as no other causes have been identified and because of the previous exposure to the product, a mild hypersensitivity (anaphylaxis) reaction may have caused the symptoms.
NOBIVAC L4	UK-VMD-3131/17	United Kingdom	Animal	Canine/dog	3 Month(s)		16/06/2017	1	1 0	16/06/2017	Not Known,
 Not Known</br 	Lethargy (see also Central nervous system depression in 'Neurological'), increased respiratory rate, Facial swelling (see also 'Skin'), Swelling around eye	Not Known	Swollen eyes, and face, increased respiratory rate, lethargy within 6 hours of vaccination. No previous reactions. Recovery after 3 hours. Nothing further.	German Spitz Pomeranian	2.82	Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs - N/AN/A/N/A, N/AN/A (16/06/2017- N/A)-BRBR-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A- N/A)-BR>-BR>	B - Possible	Timing/signs consistent with product related allergic- type reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-3132/16	United Kingdom	Animal	Canine/dog	3.5 Year(s)	20/05/2016	20/07/2016	1	1 1	21/05/2016	Yes	Death by euthanasia, Lethargy (see also Central nervous system depression in 'Neurological'), Acute renal failure, Elevated creatinine	No Data	Letharys within 24 hours for approximately 10 days following vaccination. Bloods showed elevated creatinine, no leptoprisors saw detected however acute renal failure was disponsed. Treated with fluids, cortisol, cerenia, later requiring dialysis. Death by euthanasia 2 weeks later due to poor recovery.	Crossbred	14	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (20/05/2016-N/A) <	O1 - Inconclusive	Lethargy is known to occur following vaccination however it is more likely that the lethargy was related to the renal failure. Overall cannot rule out product involvement especially as such young dog and not common for primary renal failure in this age/breed.
NOBIVAC L4	UK-VMD-3133/15	United Kingdom	Animal	Canine/dog	2 Month(s)		17/07/2015	1	1 0	04/07/2015	Not Known, CBR Not Known, OBR Not Known	Lack of efficacy (endoparasite NOS)	Not Known	Suspected lack of efficacy. Faceal sample positive for Toxocara ova 4 days after Advocate application Owner used a different womers tweek later and a large adult worm was passed in the facces following by general improvement in the dog.	i. Pug	1	Advocate Spot-on Solution for Small Dogs - 1,N/A,N/A, N/A,One pipette applied to skin at back of neck (04/07/2015-N/A)<-BR-Nobivac DHP - N/A,N/A,N/A,N/A (N/A-N/A)<-BR->BR-Nobivac L4 Suspension for injection for Dogs-N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	No assessment performed	
NOBIVAC L4	UK-VMD-3139/16	United Kingdom	Animal	Canine/dog	14.17 Year(s)	02/04/2016	08/07/2016	1	1 1	21/05/2016	Known,
 Not</br 	Abdominal pain-Hepatitis, Death by euthanasia, Anorexia, Lethargy (see also Central nervous system degression in "Neurological"), Pyrexia, Pancreatitis, Small liver	Not Known	Lethargy and anorexia 3 weeks post 2nd dose vaccination. Blood tests showed hepatitis, unspecified treatment given. This progressed to provise, abdominal paid weeks later. Pancestits and hepatitis were disprosed and a reduced liver mass noted on ultrasound. Euthanasia 30/6/2016 due to failure to improve. The dog had other underlying conditions at the time including chronic bronchitis and early heart disease.	English Cocker Spaniel	14.25	Metacam 1.5 mg/ml Cral Suspension for Dogs - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	O - Unclassifiable/unassessa ble	Long time to onset, signs are unexpected and the dog had other underlying conditions but the product role cannot be ruled out.
NOBIVAC L4	UK-VMD-3140/16	United Kingdom	Animal	Canine/dog	30 Day(s)	28/05/2016	20/07/2016	1	1 1	18/06/2016	Not Known,
 Not Known</br 	Death by euthanasia, Death, Lack of efficacy	Not Known	Suspected lack of efficacy, Leptosprosis and multi-organ failure 3 weeks post vaccination leading to euthanasia. Leptosprosis PCR was positive. No further information.	Saluki	10	Nobivac DHP - 1,N/A,N/A ,24,1 Dose (28/05/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,first vaccine (28/05/2016-N/A) 	N - Unlikely	Full immunity is expected at 3 weeks but signs started 3 weeks post vaccination.
	UK-VMID-3155/17	United Kingdom	Animal	Canine/dog	3.1 Month(s)	23/05/2017	19/06/2017	1	1 1	17/06/2017	Not Known,
 Known,
 Not Known</br </br 	Acidosis, Diarrhoea, Prolonged activated partial thrombin time (APTI)-lypogly-camin Jaremorrhag ic diarrhoea, Death by euthanasia. Epistaxis, Vomiting	Not Known	The puppy received Nobivac DHP and KC on the 16th of May and Nobivac L4 only on the 23 of May. On the 30th of May he received the second dose of DHP. The reaction started on the 17 of June, that is 21 days after the 1 and 18 days after the 14 and 18 days after the 14 are reaction to Nobivac L4 from their own research online and via the breader. They feel that the vaccination should not have been given until the puppy was at least 18 weeks old and that the disease was undommune and secondary to the vaccination. The puppy presented with acute onest vomiting/diarrhea on 17/6. He was hypoglyacemia and had metabolic acidosis. Imaging and comprehensive bloods were performed and supportive care at our emergency clinic provided. He then developed epistaxis and haemorthagic diarrhea, with prological clotting times. He was negative on pano snay feet and uniqworm snap test. He was esuffaced and supportive care and uniqworm snap test.	5 Spaniel		Nobisa DIP – N/AN/AN/A A/A/A/I (Lif/GS/2017- A)/GS/2017-BRBR-Nobisa K.C. N/AN/AN/A A//AN/A (Lif/GS/2017- Lif/GS/2017)-BR-BN-bobisa C.L. Suspension for Injection for Dogs - L/N/AN/A/A/Single vaccination vial (1 Day(s) 23/05/2017- 23/05/2017)-BRGBP-	O1 - Inconclusive	Even thought vomiting and diarnhoea can be expected after vaccination; in this case be signs for hair and consect and started 18 days after the UPP and 25 days after the 14. This is long onset time for signs such as vomiting and diarnhoea. Three vacciness were administered in the same month; therefore it is difficult to determine which is more likely to have played a role in the development of the signs, if any-product involvement cannob be evoluted, however, temporal association is not strong for any of the three vaccines and some concomitant medical conditions may also explain the signs
NOBIVAC L4	UK-VMD-3178/15	United Kingdom	Animal	Canine/dog	2 Month(s)	13/07/2015	21/07/2015	1	1 0	13/07/2015		Vomiting.Adipsia, Inappetence, Leth argy (see also Central nervous system depression in 'Neurological'), Dehydration	Not Known	Lethargy, amorexia, adigisis, dehydration and emesis 12 hours post vaccination. Recovery 2 days later following unspecified treatment.	Shih Tzu	0.95	Nobivac DHP - 1,N/A,N/A ,24,1ml (13/07/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (13/07/2015- N/A) 	B - Possible	Close time association, 2 products administered and some signs are expected but other causes are possible.

NOBIVAC L4	UK-VMD-3187/16	United	Animal	Canine/dog	3 Month(s)	20/06/2016	12/07/2016	1	1 0 20	7/06/2016 Not		Vocalisation,Lethargy (see also	Not	Nobivac L4 was administered together with Nobivac DHP on the 20/06/16 and after less than 6 hours	Border Collie	8.6	Nobivac DHP - N/A,N/A,N/A	0-	Temporal association is strong and most clinical signs
		Kingdom		cumic, dog	3 Monardy					> <bf Not</bf 	wn, <br R> >BR> Known</br 	Central nervous system depression in 'Neurological'),Localised pain NOS (see other 'SOCs' for specific pain),Pyrexia	Known	the dog was examined at the clinic: floppy, yelpring as if in pain, not happy, EXMM: QAR, T=39,9, no are of discomford appear and otherwise MAD exam reexamination. Went back to the clinics on the 11/07/16: never been right since last seen 10 days ago, showed pyrexis, was given single AB injection (unknown) and a cought days metazam – peried up a bit, typics when moves head a certain way + generally quiet and lethange. EXMM: painful bendring neck to the right and down, pyrexis (AOI, QAR, no other concerns on exam DIFFERENTIAL DIGMOSS: memptigs (infectious, protoir reporting), general infectious problem, vac reaction (+ triggered meningitis?), Investigation and treatment in concloid.	a	0.0	N/A,N/A (N/A- N/A) Oblivac L4 Suspension for injection for Dogs- 1,N/A,N/A,10,1ml (20/06/2016- N/A) <	Unclassifiable/unassessa ble	are known to occur following administration, as listed on the SPC. Because of the previous administration, a mild hypersensitivity (anaphylaxis) reaction may have occurred. However, multiple products were used.
NOBIVAC L4	UK-VMD-3191/17	United Kingdom	Animal	Canine/dog	2.17 Year(s)	19/06/2017	20/06/2017	1 :	1 0 20	0/06/2017 Not	Known	Vocalisation, Musculoskeletal pain, Pyrexia, Lameness	Not Known	Yelping when weight bearing on both forelimbs within 3 hours of vaccination. Pain response worsenet over next 12 hours. On examination on the 20/6/17, bilateral forelimb lameness and pyrexia (39.8). Extremely reactive on examination of both forelimbs and resistant to flexion of both elbows - no notable joint swelling. No grevious reactions. Nothing further.	German Short- haired Pointing Dog	27	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vaccine vial (19/06/2017-N/A) 	B - Possible	Timing/pyrexia consistent with product related reaction. Lameness has also been known to occur following use of this product.
NOBIVAC L4	UK-VMD-3212/15	United Kingdom	Animal	Canine/dog	7.75 Year(s)	25/06/2015	24/07/2015	1 :	1 0 25	5/06/2015 Yes, R×-E	 <b BR> Yes</b 	Distension of abdomen, inappetence, Lethargy (see also Central nervous system depression in 'Neurological'), Off colour, Laboured breathing, Respiratory discomfort, Local swelling (not application site), Tense abdomen, Dull	No Data	Lethang, anorexia, subdued (coded as dail), distension of abdomen, dysprosea, oedema (throat) within 5 hours of vaccination. Blood tests all normal. Treated with NSAIDs, recovery 3 days later. Previous exposure with no previous reactions. Nothing further.	n Not Applicable	11.2	Nobivac KC - 1,N/A,N/A,24,1 Dose (25/06/2015- 25/06/2015)=BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,standard dose of vaccine given £25/06/2015- 25/06/2015)	B - Possible	Close temporal association and clinical signs suggest a vaccine related reaction is possible.
NOBIVAC L4	UK-VMD-3217/16	United Kingdom	Animal	Canine/dog	3.23 Month(s)	21/06/2016	27/07/2016	1	1 0 21	> <bf Not Know ><bf< td=""><td>wn, BR R>BR> wn, >BR wn, BR R>BR><br< td=""><td>Vocalisation,Shock,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Pain NOS,Rigidity,Shaking</td><td>Not Known</td><td>Vocalisation immediately post vaccination. Advocate was applied following this: Vocalisation, general pain, collapse, shock, shaking and rigidity a few hours later. The dog was not seen by a vet. The owner washed the Advocate application site leading to improvement within 1 hour of washing.</td><td>Crossbred</td><td>1.4</td><td>Advocate Spot-on Solution for Small Dogs - 1,N/A,N/A, 24,N/A 21,106/2016-N/A) 24,106/2016-N/A) 24,06/A 24,06/A</td><td>B - Possible</td><td>Vocalisation could be due to nijection site pain known to occur, other signs could be delayed hypersentitivity reaction or due to Advocate given improvement following washing.</td></br<></td></bf<></bf 	wn, BR R>BR> wn, >BR wn, BR R>BR> <br< td=""><td>Vocalisation,Shock,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Pain NOS,Rigidity,Shaking</td><td>Not Known</td><td>Vocalisation immediately post vaccination. Advocate was applied following this: Vocalisation, general pain, collapse, shock, shaking and rigidity a few hours later. The dog was not seen by a vet. The owner washed the Advocate application site leading to improvement within 1 hour of washing.</td><td>Crossbred</td><td>1.4</td><td>Advocate Spot-on Solution for Small Dogs - 1,N/A,N/A, 24,N/A 21,106/2016-N/A) 24,106/2016-N/A) 24,06/A 24,06/A</td><td>B - Possible</td><td>Vocalisation could be due to nijection site pain known to occur, other signs could be delayed hypersentitivity reaction or due to Advocate given improvement following washing.</td></br<>	Vocalisation,Shock,Circulatory collapse (see also 'Neurological' and 'Systemic disorders'),Pain NOS,Rigidity,Shaking	Not Known	Vocalisation immediately post vaccination. Advocate was applied following this: Vocalisation, general pain, collapse, shock, shaking and rigidity a few hours later. The dog was not seen by a vet. The owner washed the Advocate application site leading to improvement within 1 hour of washing.	Crossbred	1.4	Advocate Spot-on Solution for Small Dogs - 1,N/A,N/A, 24,N/A 21,106/2016-N/A) 24,106/2016-N/A) 24,06/A 24,06/A	B - Possible	Vocalisation could be due to nijection site pain known to occur, other signs could be delayed hypersentitivity reaction or due to Advocate given improvement following washing.
	UK-VMD-3233/17	United Kingdom	Animal	Canine/dog	2 Month(s)	17/06/2017	22/06/2017	1	1 0 22	> <bf< td=""><td>wn, <br R> >BR> Known</br </td><td>Injection site pain,Shaking,Pyrexia,Malaise</td><td>Not Known</td><td>Slight tendemess reported by owner at injection site for first few days after injection otherwise well. I days after vaccionion quieter than normal, trembling and pyrexia. No previous exposure. Recovery after 1 day. Nothing further.</td><td>5 Chihuahua</td><td>1.02</td><td>Nobivac DHP - 1,N/A,N/A,N/A,ONE VIAL OF EACH VACCINE TYPE WAS ADMINISTERED MIXED TOGETHER AND INJECTED AS SINGLE DOSE (17/66/2017-N/A)-BR>-BR>-Nobivac L Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (17/06/2017- N/A)>BR>-SBR></td><td>B - Possible</td><td>Timing/fenderness consistent with local product related reaction. Pyrexia consistent, but unknown onset. Other signs non-specific and started 5 days after vaccination. Two products administered.</td></bf<>	wn, <br R> >BR> Known</br 	Injection site pain,Shaking,Pyrexia,Malaise	Not Known	Slight tendemess reported by owner at injection site for first few days after injection otherwise well. I days after vaccionion quieter than normal, trembling and pyrexia. No previous exposure. Recovery after 1 day. Nothing further.	5 Chihuahua	1.02	Nobivac DHP - 1,N/A,N/A,N/A,ONE VIAL OF EACH VACCINE TYPE WAS ADMINISTERED MIXED TOGETHER AND INJECTED AS SINGLE DOSE (17/66/2017-N/A)-BR>-BR>-Nobivac L Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (17/06/2017- N/A)>BR>-SBR>	B - Possible	Timing/fenderness consistent with local product related reaction. Pyrexia consistent, but unknown onset. Other signs non-specific and started 5 days after vaccination. Two products administered.
NOBIVAC L4	UK-VMD-3237/16	United Kingdom	Animal	Canine/dog	Not Known	22/10/2013	14/07/2016	1 :	1 1 22	2/10/2013 Yes		Death by euthanasia,Increased seizure frequency	No Data	Owner claims vaccine exacerbated PRE EXISTING epilepsy, though no seizures reported immediately post vaccine over 3 years presentation for vaccination. Dog put to sleep following series of grandmal seizures	Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,Owner claims vaccine exacerbated pre existing epilepsy (22/10/2013- N/Al>RB> <rb></rb>	N - Unlikely	Unlikely product involvement considering owner had not reported any increase in seizures within the three years following vaccination.
NOBIVAC L4	UK-VMD-3243/16	United Kingdom	Animal	Canine/dog	6.58 Month(s)	10/05/2016	14/07/2016	1	1 0 10	0/05/2016 Yes		Lethargy (see also Central nervous system depression in 'Neurological'),Listless,Limb weakness.Hind limb paresis	No Data	Lethargy, listless within 6 hours of vaccination followed by hind limb paresis and weakness. Continuing at time of reporting, outcome unknown. Nothing abnormal detected on imaging. First exposure to this vaccine.		2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,Not known (10/05/2016-N/A) 	B - Possible	Lethargy known to occur following vaccination however the remaining clinical signs are unusual; overall a close temporal association therefore product involvement possible.
NOBIVAC L4	UK-VMD-3252/15	United Kingdom	Animal	Canine/dog	13.17 Year(s)	19/06/2015	24/07/2015	1 :	1 0 23	> <bf Not Knov ><bf Not Knov ><bf< td=""><td>wn, BR R> services wn, BR R> wn, services wn, complete the the the the the the the the the</td><td>Inappropriate defecation,Atavia,Disorientation,H) perkialaemia,Elevated renal parameters</td><td>Not Known</td><td>Disorientation, ataxia and inappropriate urination and defecation 4 days post vaccination. Recovery 4 hours later with no treatment. This slow occurred post vaccination of weeks earlier following the 1st dose. The dog was also on concurrent treatment with Prednicare and Tavegil. Blood tests were carrie out an unspecified period later and elevated renal parameters and hypericalaemia were noted.</td><td>Labrador Retriever d</td><td>28</td><td>Nobiwa CHP - 1.N/AN/A 2.N/A (15)66/2015-N/GB-RB-Nobiowa KE - 1.N/AN/A 2.A/N/A (15)66/2015- N/A)6B-ABR-Nobiwa C4 Suspension for injection for Dogs- 1.N/AN/A N/A,Dre vial by subcutaneous injection on two occasions 4 weeks apart (15)66/2015- N/A/4BB-ABR-Predincare Tablets 5 mg = N/AN/AN/A,N/A/N/A (N/A- N/A)6B>-8B>-</td><td>O - Unclassifiable/unassessa ble</td><td>Not a close time association but occurred within a similar time frame following sits and off does vaccination. The dog was diagnosed with renal immifficiency, the vest suppersts this was the cause for the signs observed but it is unclear if this is the cause or a consequence as blood tests prior to vaccination were not done.</td></bf<></bf </bf 	wn, BR R> services wn, BR R> wn, services wn, complete the the the the the the the the the	Inappropriate defecation,Atavia,Disorientation,H) perkialaemia,Elevated renal parameters	Not Known	Disorientation, ataxia and inappropriate urination and defecation 4 days post vaccination. Recovery 4 hours later with no treatment. This slow occurred post vaccination of weeks earlier following the 1st dose. The dog was also on concurrent treatment with Prednicare and Tavegil. Blood tests were carrie out an unspecified period later and elevated renal parameters and hypericalaemia were noted.	Labrador Retriever d	28	Nobiwa CHP - 1.N/AN/A 2.N/A (15)66/2015-N/GB-RB-Nobiowa KE - 1.N/AN/A 2.A/N/A (15)66/2015- N/A)6B-ABR-Nobiwa C4 Suspension for injection for Dogs- 1.N/AN/A N/A,Dre vial by subcutaneous injection on two occasions 4 weeks apart (15)66/2015- N/A/4BB-ABR-Predincare Tablets 5 mg = N/AN/AN/A,N/A/N/A (N/A- N/A)6B>-8B>-	O - Unclassifiable/unassessa ble	Not a close time association but occurred within a similar time frame following sits and off does vaccination. The dog was diagnosed with renal immifficiency, the vest suppersts this was the cause for the signs observed but it is unclear if this is the cause or a consequence as blood tests prior to vaccination were not done.
NOBIVAC L4	UK-VMD-3257/15	United Kingdom	Animal	Canine/dog	7.58 Year(s)	02/12/2014	17/12/2015	2 :	1 0 22	2/01/2015 Yes		Inappropriate urination, Diarrhoea, Vomiting, Hyper thyroidism, Not eating, Abnormal test result, Nausea, Pancreatitis, Increase d horhoryemus	No Data	Linked report to UK-VMO-3324/15. Urination 6 weeks post vaccination. ACTH stimulation test suggestive of Cubinis and hypothyrolium noted on blood tests. Unknown if any treatment given. Blood tests 1 month later showed improvement in 16 levels. Ancrexia, diarrhora, emests and blood tests 1 month later showed improvement in 16 levels. Ancrexia, diarrhora, emests and blood tests 1 month later showed improvement in 16 levels. Ancrexia, diarrhora, emests and blood tests 1 month later showed in the sho	Dandie Dinmont Terrier	11	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,Booster 1st Dose 02/12/2014 2n (02/12/2014- 29/12/2014)	O1 - Inconclusive	Not close temporal association, clinical signs unusual for vaccine related reaction. Overall a vaccine related reaction is not likely however cannot be ruled out, therefore O1.
	UK-VMD-3263/14	United Kingdom	Animal	Canine/dog	1.25 Year(s)	10/07/2014	18/07/2014	1	1 0 11	1/07/2014 Not	Known	Aggression,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological'),Malaise	Not Known	Malaise and aggression 24 hours post 2nd dose vaccination. Lethargy, malaise and emeis the next day. Recovered by the following day.	Crossbred	41.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial - had reaction to 2nd L4 inj after 1st. (10/07/2014- N/A) 	B - Possible	
NOBIVAC L4	UK-VMD-3269/14	United Kingdom	Animal	Canine/dog	2.08 Year(s)	02/07/2014	18/07/2014	2	1 0 11	L/07/2014 Not	Known	Diarrhoea	Not Known	Diarrhoea for two days starting within 24 hours of vaccination administration. No further information	. English Cocker Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form/whole vial (02/07/2014- N/A/ 	B - Possible	
	UK-VMD-3269/17	United Kingdom	Animal		5.3 Year(s)	20/06/2017	27/06/2017	1			Known	Injection site abscess,Injection site swelling,Injection site pain,Lethargy (see also Central nervous system depression in "Neurologicai"),Pyrexia	Not Known	Letharp, mild pressi pectal temp 38.4C] and diffuse painful swelling in \$C0 on scruff (assume injectio site) 48 hours after vaccination. Outcome unknown. Case reported to MAH on 27 June 2017 Vaccinated on 20 June 2017 with Noblovac L4 nothing eise was given. Then on 22 June 2017 the owner reported that it was letharps: Temperature 39.4C. It developed a painful diffuse swelling at the site or injection about can in size, they gave Metacann. 24 June 2017 was still letharps with a temperature 39.3C. Painful raised area around the site of vaccination, ultrasound confirmed it looked like abscess, then gave a general anaesthetic and indeen and drained the abscess, a swab was sent for culture. The dog is still on metacam and amoxyclav.open case , await results	n Old English Sheepdog	37.7	Nobivac L4 Suspension for Injection for Dogs - 1,1,1 Years, N/A, Injection of 1 dose of L4 as a (20/06/2017-N/A)-BR> 	A - Probable	Timing/clinical signs suggest product involvement
	UK-VMD-3272/16	United Kingdom	Animal	Canine/dog	8 Year(s)	08/04/2016	15/07/2016	1		> <bf Not Knov ><bf Not</bf </bf 	wn, <br R> > Known</br 	Polydipsia Anorexia, Decreased urine concentration, Elevated ALT, Dull	Not Known	Lethargy, anorexia, polydipsia, elevated ALT and decreased urine concentration 1.5 months post vaccination with Dubbac CPH and 1.4 and 2 week following 2nd dose L5 and start of Carprodyl administration. Recovery 6 weeks later.	Labrador Retriever	28	Carprodyl F 50 mg Tablets for Dogs- 1,2,1 Day,24,M/A (06/05/2016- N/A) <br->BR->BR->Nobiwac DHP - 1,N/A,N/A, 24,N/A (08/04/2016- N/A)<br->BR->BR->Nobiwac L4 Suspension for injection for Dogs- 1,N/A,N/A, N/A,one vial (08/04/2016-06/05/2016)<br->BR-></br-></br-></br->	O - Unclassifiable/unassessa ble	Product role cannot be ruled out but signs are unexpected and possibly more likely to be related to Carprodyl.
NOBIVAC L4	UK-VMD-3275/14	United Kingdom	Animal	Canine/dog	8 Year(s)	16/05/2014	24/07/2014	1	1 0 10	0/07/2014 Not	Known	Injection site mass	Not	Subcutaneous injection site mass within 2 months of injection. Histology shows site of	Cavalier King	9.4	Nobivac L4 Suspension for Injection	0-	

									_							_		1.	
NOBIVAC L4	UK-VMD-3283/15	United Kingdom	Animal	Canine/dog	1.33 Year(s)	27/06/2015	30/07/2015	1	1 1	23/07/2015	Not Known,-687-d87-d87-d87-d87-d87-d87-d87-d87-d87-d	Death by euthanasia,Convulsion	Not	Convulsions 1 month post vaccination and concurrent Galastop administration, 10 days following general naesthesia and spay and 4 days after the spay wound bust so pen, was restured and the dog was treated with metronidazole, Comfortan, Vetregeist, Synulox and Co-amoxyclav. The dog had beer sent home the day before the seltures were noted. The owner requested exthansia. No PME was carried out. Another dog in the same household developed convulsions following vaccination (see case 2015-UK-02971). No further information provided.	Great Dane	56	Comfortan 10 mg/mt, Solution for Impetion for Dogs and Cats - N/AN/AN/AN A/N/AN/A (1907/2015-190	O - Unclassifia ble/unassessa ble	Weak temporal association, other products administered more recently, other causes are possible. No livestigation carried out.
NOBIVAC L4	UK-VMD-3289/16	United Kingdom	Animal	Canine/dog	9 Year(s)	20/06/2015	18/07/2016	1	1 0	26/07/2015	Yes	Increased seizure frequency	No Data	Increased seizure frequency/severity within 6 days of vaccination. Did suffer with seizures previously, treatment started a few months later. No previous exposure, outcome unknown.	Border Collie	18.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,one vial (20/06/2015-N/A) 	O1 - Inconclusive	Although the seizures were pre existing, cannot rule out product involvement in increasing the severity of the seizures since there is a close temporal
	UK-VMD-3292/17	United Kingdom	Animal		7.55 Year(s)	14/06/2017	02/08/2017	1	1 0	23/06/2017	Not Known, BR >BR>BR>BR Not Known	Injection site lesion, Hot spot (pyotraumatic dermatitis), Pruritus, Injection site swelling, Diarrhoea, Eczema	Not Known	Equal to buppet and swelling on hack of neck at needle site within one week of recicination. No pervious resistions. Recovery first 1 week (Nothing further. Care received by Midth on 1.1 Lil 2017 Nobines DNF and Nobines CNF and Nobines CN	Boxer (German Boxer)	38.8	Nobivac DHP - 1,N/A,N/A,10,1ml one off dose (annual boost (5 Minute(s) 14/06/2017- N/A)-BRBR-Nobivac L4 Suspension for injection for Togs-N/A,N/A,N/A,N/A,N/A (14/06/2017-N/A)-BRBR>	B - Possible	association immediately consistent with possible product related reaction. Two vaccines administered. Hotspot not usually expected.
NOBIVAC L4	UK-VMD-3294/17	United Kingdom	Animal	Canine/dog	3 Month(s)	28/05/2017	07/07/2017	1	1 0	28/05/2017	Not Known,
 >CBR> Not Known,
 Not Known</br </br 	Application site crustApplication site swelling.Nasal dryness,Nasal cavity disorder NOS,Application site pain	Not Known	Left nostfi llooked sore (pagication site pain) and slightly swollen (pagication site swelling) and has been dry and crusty (pagication site crust) ever since vaccination. On examination A weeks after vaccination, nostril normal colour, crusting laterally and into mucocutaneous junction, dry (nasal dynness) and nares sightly sentic (nasal cavity disorder NOS). No previous exposure. Outcome unknown. Nothing further.	Crossbred	9.5	Nobiwa CHP - N/A,N/A,N/A,N/A,1 II Unknown 1 Animal (28/05/2017- N/A)-BRBR-Nobiwac KC - N/A,N/A,N/A,N/A,Given as part of initial vacci (28/05/2017- N/A)-BR>-SR>-Nobiwac L4 Suspension for injection for Dogs- N/A,N/A,N/A,N/A,1 ml Unknown 1 Animal (28/05/2017-N/A)-BR>-SB>	N - Unlikely	Local nasal reaction. Product involvement unlikely,
	UK-VMD-3298/16	United Kingdom	Animal	Canine/dog	10.83 Year(s)	23/01/2016	18/07/2016	1	1 1	24/01/2016	Yes	Disorientation,Death by euthanasia,Hind limb paresis,Bladder incontinence,Fatigue,Visual field defect	No Data	Bladder incontinence within 24 hours of first L4 vaccination. Bladder incontinence, hindlimb paresis, disorientation, abnormal vision and lethargy within 24 hours of second L4 vaccination (&v later). Metacam was given but no improvement. Death by euthanasia 8 weeks later. No further information.	Cavalier King Charles Spaniel	12.5	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (23/01/2016-20/02/2016) BR> 	O1 - Inconclusive	Although clinical signs are unusual, there is a very close temporal association with both vaccinations, therefore cannot rule out product involvement, however there may have been other underlying issues involved
NOBIVAC L4	UK-VMD-3298/17	United Kingdom	Animal	Canine/dog	10 Year(s)	12/06/2017	07/07/2017	1	1 0	13/06/2017	Not Known	Gait abnormality, Decreased appetite, Dull	Not Known	Subdued, reduced appetite and owner aware of difficulties with hind limb galt, scraping rails and occasional stumbles within a day or two of vaccination. On examination on 22/05/2017 there is a marginal gait abnormality left hind. Possible previous similar reaction. Vet is not convinced the gait abnormality is related to vaccination because it was first reported in January 2017, 7-8 months after previous vaccination in May/Jure 2016. Duttome unknown. Nothing further.	Staffordshire Bull Terrier	22	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (12/06/2017- N/A) 	O1 - Inconclusive	Timing/some signs (subdued, reduced appetite) consistent with possible product related reaction although these signs are non-specific. Unlikely gait abnormality associated with vaccination - age provides a more likely explanation.
NOBIVAC L4	UK-VMD-3301/17	United Kingdom	Animal	Canine/dog	2.33 Year(s)	26/06/2017	17/07/2017	1	1 0	26/06/2017	Not Known, BR >BR>CBR>CBR> Not Known	Leucocytosis, Neutrophilia, Pale mucous membrane, Involuntary defecation, Reduced globulins, Anaphylaxis, Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Hyperphosphataemia, El evated ALT, Vomiting	Not Known	Patient passed faeces, somitted bill and their collapsed and mucrous membranes white within 30 minutes of varcination. Coincious and responsive. No previous reactions. Recovery after 2 house hosting further. To long was previously accented on a 14 nu 205 with Noblous DHP and Noblous L1 and on 21 Jul 2016 with Noblous L4 and no 12 Jul 2016 with Noblous L4 and no reaction occurred. On 25 Jul 2016 with Noblous L4 and no reaction occurred. On 25 Jul 2016 with Noblous L4 and no reaction occurred. On 25 Jul 2016 with Noblous L1 and no reaction occurred with restricted with adrenals intramuscularly which was repeated after L5 minutes, the dog was splaced on intravenous fluxing and given oxygen via a mask. A PCV was 49 33 % (83 ± 55) Blochemistry 1006 showed AT 21 (10-118). Phosphorus 2.54 (0.7-2.13), globulins 22 (23-55), neutrophils 16.56 (2.9+12.67) and WISC 18.6 (9-3-176). Glow starting to stand after 45 minutes. Biod letts for lungworm were negative. On 27 Jun 2017, vet reported the dog as fully recovered on clinical examination.	Bolognese	5.1	Nobivac DHP - 1,1 Days,24,5Aingle dose of vaccine (25/06/2017-N/A) RBN-RBN-RBN-Nobivac L4 Suspension for Injection for Dogs-1,1,1 Days,24,1 Dose Unknown 1 ml (26/06/2017-N/A) 	B - Possible	Timing/signs consistent with product related allergic- type reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-3302/16	United Kingdom	Animal	Canine/dog	4 Month(s)	18/07/2016	29/07/2016	1	1 0	18/07/2016	Yes, <b R>BR>ER>Yes, BR> Yes</b 	Injection site scratching.Vocalisation,Crying	No Data	Crying, vocalisation and injection site scratching within 2 minute of vaccination. Vaccine was taken out of the fridge 10 mins prior to administration. Recovery within 12 minutes. Has had similar previous reactions.	t Toy Poodle	1.99	Nobivac DHPPI - 1,N/A,N/A,24,1 ml (18/07/2016-N/A) Nobivac KC - 1,N/A,N/A, 24,N/A (18/07/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dose administerd (18/07/2016-N/A) 	B - Possible	Close temporal association; injection site reactions known to occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-3307/16	United Kingdom	Animal	Canine/dog	13.17 Year(s)	09/07/2016	19/07/2016	1	1 0	10/07/2016	Yes, <b R> Yes</b 	Lethargy (see also Central nervous system depression in 'Neurological'),Inappetence	No Data	Lethargy and anoresia within 24 hours of vaccination. Recovery within 7 days without treatment. No previous exposure, nothing further.	Golden Retriever	30	Nobivac DHP - 1,N/A,N/A,10,1ml dose once (09/07/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (09/07/2016- N/ALSBR> SR>	B - Possible	Close temporal association, clinical signs known to occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-3318/15	United Kingdom	Animal	Canine/dog	7.42 Year(s)	01/07/2015	31/07/2015	1	1 1	05/07/2015		Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Death,Cyanosis,Head tremor	No Data	toss of consciousness, head tremors, cyanosis followed by death 4 days post first L4 vaccination. VS suspected heart attack. No further information.	Miniature Dachshund	11.1	N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	O - Unclassifiable/unassessa ble	insufficient information to determine causality.
NOBIVAC L4	UK-VMD-3323/15	United Kingdom	Animal	Canine/dog	2 Month(s)	28/07/2015	29/07/2015	1	1 0	28/07/2015	Yes, <b R>BR>Yes</b 	Diarrhoea,Rash,Erythema (for urticaria see Immune SOC),Facial oedema	No Data	Erythema (eyes, face, abdomen, legs), facial oedema, diarrhoea and dermatitis (ventral abdomen and hard legs) within 6 hours of vaccination. No further information.	Labrador Retriever	3.9	N/A/EBR-Sers Nobivac DHP - 1,N/A,N/A ,24,standard dose (28/07/2015-N/A) >SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,28,N/A (28/07/2015-N/A) >SBR>	B - Possible	Close temporal association and clinical signs are suggestive of a hypersensitivity reaction. Two products used, therefore coded B.

NOBIVAC L4	UK-VMD-3324/15	United Kingdom	Animal	Canine/dog	3.5 Year(s)	02/12/2014	17/12/2015	2 1	0 08/03/20	IS Yes	Reddening of the skin, Panniculitis, Decreased appetite, Lethargy (see also Central nervous system depression in 'Neurological'), Depression, Weight gain, Bloated, Hives (see also 'Skin'), Poor coat condition, Injectio site serous discharge, Aggression, Desquamatio n	No Data	Linked report to UK-VMD-3257/15. Severe Chronic Nodular Pyogranulomatous Necrotising Panniculit within approximately 3 months post vaccination. Treated with steroids leading to improvement. Farther examination by a dematologist showed salls vasting of the forefeet, eythema and lichenification. Further treatment with steroids, Vitamin E, Ranitidine and Hibbsrub. The dop has since been treated with homeopathy. Depression, letharge, cost changes, increase appetite and food aggression, weight increase and bloat. Lowest lump in chain started draining. Desquamation on top of the head. No further information expected.	Dinmont Terrier	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,Booster 1st Dose 02/12/2014 2n (02/12/2014-N/A)<8R> <8R>	O1 - Inconclusive	Not close temporal association, clinical signs unusual. Overall a vaccine related reaction is not likely however cannot be ruled out, therefore O.I.
NOBIVAC L4	UK-VMD-3324/17	United Kingdom	Animal	Canine/dog	2.42 Year(s)	09/02/2017	27/06/2017	1 1	0 20/02/20	Known, BR > BR>CBR Not Known	Nephropathy	Not Known	Developed protein busing nephropathy of Immune mediated origin within 11 days of vaccination. No previous reactions. Duration currently 4 months, outcome unknown. Nothing further.	Staffordshire Bull Terrier	20	D Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (09/02/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (09/02/2017- N/A) >=BR	O1 - Inconclusive	Reaction occurred 11 days after vaccination. Product related reaction cannot be excluded but other causes possible. No details of diagnostics. Two product administered.
	UK-VMD-3346/15	United Kingdom	Animal	Canine/dog	3.83 Year(s)	29/07/2015	30/07/2015	1 1	0 29/07/20	LS Yes, <er> Yes</er>	Pale mucous membrane, Vomiting, Dyspnoea, Let argy (see also Central nervous system depression in "Neurological"), Anaphylactic-type reaction	No Data h	Anaphylactic-type reaction: emesis, letharpe, pale mucous membranes, some dysprocea within 30 minutes of vaccination. No further information.	Yorkshire Terrier	3	3 Nobivac DHP - 1,N/A,N/A, N/A,1 vial (29/07/2015- 29/07/2015) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (29/07/2015- 29/07/2015\cdot BR> 	B - Possible	Close temporal association. Anaphylatic type reactions known to occur following vaccination. 2 products used therefore coded B.
NOBIVAC L4	UK-VMD-3348/17	United Kingdom	Animal	Canine/dog	3 Month(s)	16/06/2017	12/07/2017	1 1	0 19/06/20	I7 Not Known, BR> Not Known, >BR >R> Not Known, >BR >BR> Not Not Known	Nasal discharge,Cough,Enlarged lymph nodes (generalised),Pyrexia,Anorexia	Not Known	Pyrexia, mild Jymph node enlargement sub mandibulus, symptoms of kennel cough, bilateral green nasal discharge, annexia within 3 days of vaccination. No previous exposure. Recovery after 6 days. Nothing further.	Beagle	3.2	2 Nobiwac DHP - 1,N/A,N/A,10,1 ml Unknown 1 Animal (16/06/2017- N/A)<8R-98R-Nobiwac KC - 4,N/A,N/A,10,0.4 ml Unknown 1 Animal (16/06/2017- N/A)<8R>>8R>Nobiwac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml Unknown 1 Animal (16/06/2017-N/A)<8R>>8R>	O1 - Inconclusive	Timming/igns consistent with possible product related reaction, however another vaccine provides plausible explanation. Multiple vaccines administered.
NOBIVAC L4	UK-VMD-3353/17	United Kingdom	Animal	Canine/dog	1.19 Year(s)	20/06/2017	29/06/2017	1 1	0 25/06/20	17 Not Known,
BR>BR>BR> Not Known, BR >BR>BR>BR Not Known</br 	Cough, Retching	Not Known	Harsh, dry, hacking cough, sometimes retching starting within 5 days of vaccination. No previous exposure. Recovery after 5 days. Nothing further.	Yorkshire Terrier	3.5	Nobivac DHP - 1,N/A,N/A, N/A,N/A (20/05/2017-N/A)=BR->BR-Nobivac KC - 1,N/A),N/A,one reconstituted vial (20/05/2017- N/A)=BR->BR-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,N/A,N/A (20/06/2017- N/A)=BR->BR->	O1 - Inconclusive	Timing consistent. Multiple vaccines administered and another product provides alternative plausible explanation. Product involvement cannot be excluded.
NOBIVAC L4	UK-VMD-3354/16	United Kingdom	Animal	Canine/dog	4.75 Year(s)	04/05/2016	20/07/2016	1 1	0 03/06/20	Known,
 <br< td=""><td>Injection site pain,Injection site mass</td><td>Not Known</td><td>A solid mass developed at the injection site of both injections. The onset time of development is unknown. The mass is described as a firm, tender, 3 cm round mass. Both resolved within 3 weeks wit no treatment. This occurred following both injections of Nobivac L4.</td><td>Chihuahua h</td><td>6.6</td><td>S Nobivac DHPPI - 1,N/A,N/A, 24,N/A (04/05/2016-) BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24, Two doses administered 4 weeks apart. On the first occasion DHPPI was also administered (04/05/2016- 01/06/2016) BR-SBP.</td><td>A - Probable</td><td>Temporal association is strong and clinical signs are known to occur following administration, as listed on the SPC.</td></br<></br 	Injection site pain,Injection site mass	Not Known	A solid mass developed at the injection site of both injections. The onset time of development is unknown. The mass is described as a firm, tender, 3 cm round mass. Both resolved within 3 weeks wit no treatment. This occurred following both injections of Nobivac L4.	Chihuahua h	6.6	S Nobivac DHPPI - 1,N/A,N/A, 24,N/A (04/05/2016-) BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24, Two doses administered 4 weeks apart. On the first occasion DHPPI was also administered (04/05/2016- 01/06/2016) BR-SBP.	A - Probable	Temporal association is strong and clinical signs are known to occur following administration, as listed on the SPC.
NOBIVAC L4	UK-VMD-3356/17	United Kingdom	Animal	Canine/dog	4.11 Year(s)	28/06/2017	29/06/2017	1 1	0 28/06/20	17 Not Known, BR > BR>CBR Not Known	Hives (see also 'Skin'),Localised itching,Swollen face (see also 'Skin'),Lethargy (see also Central nervous system depression in 'Neurological'),Injection site itching,Vomiting,Pruritus,Sleepiness systemic disorder	Not Known	5.10 min after injection dog slowed sleepiness and lethangy, after 30 min started vomiting and very titchy at the site of injection and around face and ears. In the nex hour and half odg's face was swollen and hives on all body and very pruntic. No previous exposure to Noblwac, unspecified reaction to a different vaccination previous year. Recovery after 4 hours. Nothing further.	Crossbred	14.8	8 Nobivac DHPPI, Lyophilisate for suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 dose (28/06/2017- N/A)-BR- Nobivac L4 suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (28/06/2017- N/A)-BR> 	B - Possible	Timing/signs consistent with possible product related allergic-type reaction. Two vaccines administered.
	UK-VMD-3358/14	United Kingdom	Animal	Canine/dog	8 Year(s)	13/06/2014	28/07/2014	1 1		14 Not Known	Injection site lump	Not Known	Injection site lump 4 weeks after vaccination administration. Treated surgically. No further information.	Cavalier King Charles Spaniel	9.25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,single injection, 1 vial (13/06/2014- 13/06/2014) 	B - Possible	
NOBIVAC L4	UK-VMD-3363/14	United Kingdom	Animal	Canine/dog	10 Year(s)	19/06/2014	28/07/2014	1 1	0 17/07/20	14 Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Tachypnoea	Not Known	Tachproces and lethatgy within 48 hours of vaccination administration. Treated with 7 days symulos and metacam with view for further treatment if not resolving.	Labrador Retriever	38	B Nobivac L4 Suspension for Injection for Dogs - 1,1,1 Months,N/A,2 doses total, one month apart, reaction seen after second vaccination (19/06/2014-N/A) >BR>	B - Possible	
	UK-VMD-3365/15	United Kingdom	Animal	Canine/dog	1.42 Year(s)	29/07/2015	30/07/2015	1 1	0 29/07/20	LS Not Known,
 <br? Not Known</br? </br 	Diarrhoea	Not Known	Darmhoea within 12 hours post vaccination. Unspecified treatment given leading to recovery 1 day later.	Weimaraner	39.5	Nobivac DHP - 1,N/A,N/A, 24,N/A (29/07/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,N/A (29/07/2015- N/A) 	B - Possible	Close time association, diarrhoea is listed in the SPC, 2 products administered.
	UK-YMD-3374/16	United Kingdom	Animal	Canine/dog		19/06/2016	04/08/2016	1 1	0 25/06/20	Known, ABR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>BR>B		No Data	Pale mucous membranes, regenerative ansemia and low platelet court within 6 days of vaccination. No previous reaction. Recovery within 14 days following unspecified treatment. Nothing further.	Staffordshire Bull Terrier	24.1	Allblemax Chewable Tablets for Oogs - Ma/NA/NA/NA/Jahnown 1 Animal [N/A-NA/Jahnown 1 Animal [N/A-NA/SBR-SR-Nobbac DIP - 1.N/AN/A, 2.4.Nobbac DIP 1.2/NA/N, 2.4.Nobbac DIP 1.2/NA/N, 2.4.Nobbac DIP 1.2/NA/NA/NA-NA-NA-NA-NA-NA-NA-NA-NA-NA-NA-NA-NA-N	B - Possible	Triming and clinical signs suggest possible product involvement. Two products used.
NOBIVAC L4	UK-VMD-3375/17	United Kingdom	Animal	Canine/dog	11.17 Year(s)	26/06/2017	13/07/2017	1 1	0 26/06/20	17 Not Known	Injection site swelling,Lymphadenopathy,Gastrit s,Retching,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not i Known	Swelling site of injection, lethargy, generalized ymphadenopathy, SMLN, prescap and Popiliteals. Gastriks, retching seating grass and anoreals in bours after vaccination, temperature normal. Reaction duration 3 days. No more information expected	West Highland White Terrier	11	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1ml subcutaneous injection (ab (26/06/2017-N/A)	A - Probable	Timing/clinical signs suggest product involvement.

NOBIVAC L4	UK-VMD-3486/16	United Kingdom	Animal	Canine/dog	2 Month(s)	26/07/2016	27/07/2016	1	1 0 2	26/07/2016	Not Known, BR >>BR> Not Known	Vomiting	Not Known	Dog Euthansed . No post mortem performed .No more infromation expected Emesis starting within 24 hours post vaccination. Unknown if any treatment given, recovery 24 hours later.	Crossbred	1.68	Nobivac DHP - N/A,N/A,N/A N/A,N/A (25/07/2016- N/A)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,V/A(26/07/2016- N/A,N/A,N/A,N/A,V/A	le	Close time association, known adverse effect, 2 products administered.
NOBIVAC L4	UK-VMD-3483/17	United Kingdom	Animal	Canine/dog	9.5 Year(s)	02/03/2017	17/07/2017	2	1 1 2	22/04/2017	Not Known, BR > BR>BR> Not Known	Death by euthansia Death, Inappetence, Off colour Abnormal test result, immune mediated haemolytic anaemia, Haematemesis, Anaemia NOS, Low platelet count, Leucocytosis, Heart murmur, Yornting, Decreased packed cell volume (PCV)	Not Known	Developed Auto Immune Haemolytic Anaemia about 2.5 weeks after 2nd dose of vaccine. No previous reactions. Case received from Veterinary Medicine Directorate Suspected adverse reaction performance of the Common C	s Yorkshire Terrier s	10.7	Neggard Spectra 37.5 mg / 7.5 mg Crewable Tables for Dogs - MA/MA/A/A A/MA/minkown A/MA/MA/A/A A/MA/minkown A/MA/MA/A/A A/MA/minkown A/MA/MA/A A/MA/MA/MA/A/MA/A/MA/MA/A/MA/A/MA/A/MA/A/MA/A/A/MA/A/MA/A/A/A/MA/	le	Timing/signs consistent with possible product related reaction. Two products administered.
NOBIVAC L4	UK-VMD-3468/15	United Kingdom	Animal	Canine/dog	8.75 Year(s)	09/07/2015	06/08/2015	1	1 0 1	10/07/2015	Not Known, Not Known, Not Known	Diarrhoea, Vomiting, Ataxia, Inappet ence, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy, ataxia, emesis, diarrhoea and anorexia within 24 hours post vaccination with Nobbac L4 and Nobbac KC and concurrent Milbemax administration. Recovery 24 hours later with no treatment.	d Crossbred	Not Known	Milbemax Chewable Tablets for Dogs - N/AN/AN/A N/AN/A (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/A) (1907/7205-N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	le	School time association, signs are non-specific, 3 products administered.
NOBIVAC L4	UK-VMD-3467/16	United Kingdom	Animal	Canine/dog	7 Year(s)	23/06/2016	09/08/2016	1	1 0 2	27/06/2016	Not Known	Anorexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	The dog was vaccinated on the 23 of June and started with lethargy and anorexia on the 27 of June, the dog was unwell for 48 hours and then recovered without treatment. No concurrent product administered. The dog had been previously vaccinated with Nobivac Lepto 4 and had no reactions.	Other Canine/dog	2.25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 VIAL (23/06/2016-N/A) 	ole	4 days is still a reasonable association in time with the application of the product and clinical signs are known to occur following administration, as listed on the spc
	UK-VMD-3464/14	United Kingdom	Animal	Canine/dog	3 Year(s)	21/07/2014	31/07/2014	1	1 0 2	22/07/2014	Not Known	Diarrhoea, Haemorrhagic diarrhoea, Emesis	Not Known	Emesis, diarrhoea progressing to haemorrhagic gastroenterfits within 36 hours. Treated with intensive care and recovered. Has previous history of gastrointestinal issues. No further information.	English Springer Spaniel	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (21/07/2014-N/A) 	le	
NOBIVAC L4	UK-VMD-3461/16	United Kingdom	Animal	Canine/dog	4.15 Year(s)	25/07/2016	26/07/2016	1	1 0 2	26/07/2016	Not Known	Emesis	Not Known	The dog vomited twice the morning following vaccination. It had been previously exposed to the vaccine and had no reactions. No other product administered.	English Springer Spaniel	12.8	Nobivac L4 Suspension for Injection B - Possibl for Dogs - 1,N/A,N/A,1/4,1 vial of vaccination given as directed (25/07/2016-N/A) 	le	Emesis is not mentioned on the SPC, however, the temporal association is strong and no other products were administered. Product may be a factor and cannot be excluded.
NOBIVAC L4	UK-VMD-3457/15	United Kingdom	Animal	Canine/dog	2 Year(s)	30/07/2015	11/08/2015	2	1 0	31/07/2015	Not Known,
 Not Known</br 	Lethargy (see also Central nervous system depression in 'Neurological'),Reluctant to move,Injection site oedema	Not Known	Lethargy, reluctance to move and injection site oedema approximately 24 hours post vaccination. Signs persisted for at least 24 hours and were treated with Dexamethasone injection. No further information expected, outcome unknown.	Not Applicable	14.4	Nobivac DHP - 1,N/A,N/A, N/A,1 vial B - Possibl (30/07/2015-30/07/2015)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial (1 Dayls) 30/07/2015-30/07/2015-BR>-BR>	le	Signs are consistent with a possible vaccine reaction, however there were two products used concurrently therefore unable to ascertain which/if both products were involved.
NOBIVAC L4	UK-VMD-3447/17	United Kingdom	Animal	Canine/dog	5.58 Year(s)	19/05/2017	05/07/2017	1	1 0 2	20/05/2017	Not Known, Not Known, Not Known, Not Known	Vomiting,Diarrhoea	Not Known	Yomit and diarrhoes the day after vaccination. Reaction duration 48 hours. This dog had an initial reaction of V and post first vaccination. Let then had another reaction of V a fifer the 2nd. Details unknown regarding which vaccines were given with the first vaccination	Staffordshire Bull Terrier	27	Nobisc DIP - N/A,N/A,N/A N/A/N (A) 195/2017- N/A/N-BR-SBR-Nobisc K C - N/A,N/A,N/A N/A,N/A (195/2017- N/A/N-BR-SBR-Nobisc L C Suspension for Injection for Dogs - 1,N/AN/A,N/A (1960-e) al (19/05/2017-N/A)-BR-SBR-SBR-	le	Timing/clinical signs suggest product involvement. Three products administered. The dog reacted with same signs after the previous vaccination
NOBIVAC L4		United Kingdom	Animal	Canine/dog	5.25 Year(s)	01/07/2017	05/07/2017	1		,,,,	Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Panting,Hypersalivat ion.Pyrexia	Not Known	Hypersalivation, lethargy, panting, then pyrexia starting within 6 hours of vaccination. Temp 39.6 48 hr after vac. No previous reactions. Recovery after 3 days. Nothing further.	Retriever	28	Nobivac L4 Suspension for Injection A - Probab for Dogs - 1,N/A,N/A,N/A,1 vial Nobivac L4 (01/07/2017- N/Al 		Timing/signs consistent with product related reaction.
NOBIVAC L4	UK-VMD-3427/16	United Kingdom	Animal	Canine/dog	3.06 Month(s)	23/07/2016	23/07/2016	1	1 0 2	23/07/2016	Yes	Injection site pain,Injection site self trauma,Vocalisation	No Data	Injection site pain, vocalisation, injection site self trauma within 5 seconds of vaccination. Recovery within 3 minutes, no treatment necessary. Had been warmed to room temperature prior to administration. No previous exposure.	English Cocker Spaniel	3.3	N/A/CBRO-CBRS Nobivac L4 Suspension for Injection A - Probable for Dogs - 1,N/A,N/A,10,1ml (23/07/2016-N/A)<-BRS-CBRS	ole	Close temporal association, clinical signs known to occur following vaccination.
NOBIVAC L4	UK-VMD-3422/17	United Kingdom	Animal	Canine/dog	3.58 Year(s)	20/06/2017	17/07/2017	2	1 0 2	28/06/2017	Not Known,
 Not Known</br 	Injection site pain, Injection site lump	Not Known	Subcustaneous firm nodule starting within 8 days of vaccination, painful at first but within 24 hours decreased in size to 2cm diameter and non-painful. No previous reactions. Treated with meloxicam. Recovery after 2 days. Nothing further. No more information expected	Jack Russell Terrier	6.3	Nobivac KC - 1,N/A,N/A,N/A,O.4 ml A - Probat Unknown 1 Animal (20/06/2017-N/A)-8R9-8R9-Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, N/A,Single subcutaneous injection (20/06/2017-N/A)-8R9-8R9-	ole	Signs consistent with product related reactions. Onset longer than expected.
NOBIVAC L4	UK-VMD-3405/17	United Kingdom	Animal	Canine/dog	10.75 Year(s)	13/06/2017	14/07/2017	1	1 1 1	,,	Not Known,
 Not Known</br 	Diarrhoea,Death,Gall bladder & blie duct disorder NOS	Not Known	Was sick within a few hours of visit, developed diarrhoea which continued overright and next day. Rechecked by vet twice during day, admitted for care at a different vet centre overright then referred to specialist centre with concernes about the gall bladder -emergency surgery-ruptured gall bladder mucocoele. died under anaesthetic during recovery phase.	Medium size Poodle	7.75	Nobivac KC - N/A,N/A,N/A,N/A,0.4 ml Unknown 1 Animal (13/06/2017- N/A) - SBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, A/A,one dose of vaccine (13/06/2017-N/A) - SBR>	le	Diarrhoea can be seen after vaccination and temporal association is close, however, gall bladder mucocele is not an expected sign. The cause of death seams to be related to an east-hetic complications during recovery phase. Two products administered concurrently
NOBIVAC L4	UK-VMD-3404/16	United Kingdom	Animal	Canine/dog	7.1 Year(s)	30/06/2016	04/08/2016	1	1 0 3	30/06/2016	Yes, <b R>BR>Yes</b 	Injection site mass	No Data	Injection site mass at unknown time following first vaccination with DHP/A (dates unknown); resolution within Jweeks. Injection site mass noted again following vaccination with bigs Lt4 within 24 hours. Lump increased in size to 3cm over following 3 weeks. Non painful. No treatment given. Outcome unknown.	Other Canine/dog	26	Nobivac DHP - 1,N/A,N/A,24,1 Dose A - Probab (30)(06/2016-N/A)-BRR-BR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,N/A,whole vaccine vial (30)(06/2016-N/A)-BR> 	ole	Injection site lumps known to occur following vaccination.
	UK-VMD-3403/16	United Kingdom	Animal	Canine/dog	1.2 Year(s)	21/07/2016	04/08/2016	1	1 0 2		Yes, <b R> Yes</b 	Urticaria,5wollen face (see also 'Skin')	No Data	Swollen face, urticaria within 12 hours of vaccination. Recovery within 24 hours following unknown treatment. No previous exposure. Nothing further.	Rhodesian Ridgeback	34	Nobivac DHP - 1,N/A,N/A, 10,1ml subcutaneous (1 Year(s) 21/07/2016-N/A) B - Possibl subcutaneous (1 Year(s) 21/07/2016-N/A) B - Possibl subcutaneous (1 Year(s) 21/07/2016-N/A) B - Possibl subcut (1 Year(s) 21/07/2016-N/A)		Close temporal association; clinical signs known to occur following vaccination. Two products used.

NOBIVAC L4	UK-VMD-3505/17	United	Animal	Canine/doc	6.37 Year(s)	05/09/2014	08/07/2017	ıl •	1 0 16/13	/2014 Not Known	Autoimmune disorder NOS.Low	No*	Healthy dog who seemed an invincible. I noticed a change in her character. Lethargy mainly at first, th	e English Cocker	1=	Nobivac L4 Suspension for Injection	O1 - Inconclusive	Fever and lethargy are commonly seen after
		Kingdom		,							platelet count, Fever, Lethargy, see also Central nerous system depression in 'Neurological')	Known	feeling of something was wrong made me decide to visit our local vet on the 16th Dec. Tilly had very high temperature and after artibilistics and a few days of no change only worsening of condition to look her back. We were then referred to Dick Whites New Market with a very very sick dog. Fever, rethraging any symptoms minicing various problems. Malin now being EE (Eysternic lugae rythematous), nearly lost her twice. As I said on first reaction noticed. Tilly has SEL and has cost in the past 3 years possibly £15000 flows during which have been very touch and go with very low paletest She has battied against what I believe is an adverse reaction to Nobivac L4 and will never be quite the dog, the was before. She was perfectly, fit and notify and seven dimindible however that so on changed and her health declined rapidly one / two months affer. It's been terrible, fortunately insurance has helped but I am also in defeto ver this. Never ever will I have another dog injected with L4 sadyll trivated the vets advice to have her inoculated. I should have looked into it more. The last There Years I have bee travelling monthly to New Market of about et saw which steff has been a struggle. Alther notes are mainly with DW of New Market and I would be happy if you wanted to view them.	Spaniel k c		for Dog: -N/AN/AN/A, N/AN/A (05/09/2014-N/A)-688~88>		vaccination, and immune mediated diseases have been associated with vaccination before, however, three month is a very long time to onset. Product involvement cannot be completely excluded, but some preexisting condition present cannot be ruled out either
	UK-VMD-3506/15	United Kingdom	Animal	Canine/dog	10.67 Year(s)	10/07/2015	07/08/2015	1 1	1 0 11/07	/2015 No,<8R>~Bi R> GBR>GBR>GBR>GBR>GBR>GBR>GBR>MBR>MBR>MBR>MBR>MBR>MBR>MBR>MBR>MBR>M	No, R><	Not Known	Emesis and diarrhoea less than 24 hours after treatment with Nobbwac L4 and Milbemax. Recovery after 2 days with no treatment. No further information expected.	Labrador Retriever	31.1	Milbemsx Chewable Tablets for Dogs - 1N/AN/A N/AN/A (10/097/2015- N)/A-BT-ABR-Milbemsx Chewable Tablets for Small Dogs and Pupples-1N/AN/AN/AN/A (10/097/2015- N/A)-BB-GB-Nobiwa L 18 Suspension for Injection for Dogs - 1,N/AN/A N/A,De and 14 Milbemsx puppy tablet given that evening at home. (10/07/2015-N/A)-BB-SB>	O - Unclassifiable/unassessa ble	Multiple drugs piens, sign is not expected, no diagnostics performed. Insufficient information for assessment.
	UK-VMD-3509/14	United Kingdom	Animal	Canine/dog	8 Year(s)	30/07/2014	07/08/2014	1 1		/2014 Not Known, <br: > Not Known</br: 	BR> disorder (see also 'Behavioural disorders'), Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Circling, head tilt, vocalisation, lethargy within 24 hours of vaccination administration. Treated with meloxicam for pain. No further information.	Not Applicable		Nobivac KC - 1,N/A,N/A ,24,1 Dose (30/07/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,1 ml (30/07/2014- N/A) 		
NOBIVAC L4	UK-VMD-3513/16	United Kingdom	Animal	Canine/dog	9.5 Year(s)	13/06/2016	28/07/2016	1 1	1 0 16/06	/2016 Not Known, <br: > <bn Not Known</bn </br: 	Autoimmune disorder <td>Not Known</td> <td>Collapse and staxis starting 3 days post vaccination. Referral to university showed an inflammatory lesion on the spine witch they suspect may be due to an underlying autoimmune response, but this ha not been confirmed. Treatment is ongoing. No further information available.</td> <td>Labrador is Retriever</td> <td></td> <td>Nobivac DHPPi - 1,N/A,N/A,24,N/A (13/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial (13/06/2016- N/A) </td> <td>O1 - Inconclusive</td> <td>Close time association, but other causes are possible.</td>	Not Known	Collapse and staxis starting 3 days post vaccination. Referral to university showed an inflammatory lesion on the spine witch they suspect may be due to an underlying autoimmune response, but this ha not been confirmed. Treatment is ongoing. No further information available.	Labrador is Retriever		Nobivac DHPPi - 1,N/A,N/A,24,N/A (13/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial (13/06/2016- N/A) 	O1 - Inconclusive	Close time association, but other causes are possible.
NOBIVAC L4	UK-VMD-3517/17	United Kingdom	Animal	Canine/dog	3 Month(s)	07/06/2017	10/07/2017	1 1	0 07/06	/2017 Not Known, <br: > Not Known</br: 		Not Known	Growling when approached and very painful when stroked, became aggressive less than one hour afte vaccination. Reaction duration 24 hours	er Crossbred	4	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (07/06/2017- N/A)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (07/06/2017- N/A)-BRS> 	B - Possible	Temporal association is strong, signs may be due to the pain following vaccination, which is a known side effect. Two products administered concurrently
NOBIVAC L4	UK-VMD-3544/16	United Kingdom	Animal	Canine/dog	12.02 Year(s)	22/07/2016	28/07/2016	1 1	1 1 24/07	/2016 Yes, <br<br </br<br Known, <br: </br: >BR>BR>BR Not Known	Not euthanasia,Lethargy (see also <td>No Data</td> <td>Sudden onset jourdice, symptoms of IMHA, lethang, anaemia, hyporthermia within 48 hours of vaccination. Treated with prediscione and IVTF; leading to death by euthanasia 2 days later as no improvement. No previous reactions to this vaccine. Nothing further</td> <td>Greyhound</td> <td>25.4</td> <td>Nobivac L4 Suspension for Injection for Dogs. N/AN/A,N/A,N/A,N/A,N/A (22/07/2016: N/A) N/AN/A,N/A,N/A,N/A N/A) RB- RN- RB- N/A) RB- RDays,N/A,N/A (N/A-N/A) N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A-</td> <td>B - Possible</td> <td>Close temporal association, IMHA possibly related to vaccination</td>	No Data	Sudden onset jourdice, symptoms of IMHA, lethang, anaemia, hyporthermia within 48 hours of vaccination. Treated with prediscione and IVTF; leading to death by euthanasia 2 days later as no improvement. No previous reactions to this vaccine. Nothing further	Greyhound	25.4	Nobivac L4 Suspension for Injection for Dogs. N/AN/A,N/A,N/A,N/A,N/A (22/07/2016: N/A) N/AN/A,N/A,N/A,N/A N/A) RB- RN- RB- N/A) RB- RDays,N/A,N/A (N/A-N/A) N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A- N/A-	B - Possible	Close temporal association, IMHA possibly related to vaccination
NOBIVAC L4	UK-VMD-3558/15	United Kingdom	Animal	Canine/dog	3.5 Year(s)	18/05/2015	12/08/2015	1 1	1 0 25/05	/2015 Not Known, <br: > Not Known,<br: > Not Known</br: </br: 	BR> <br< td=""><td>Not Known</td><td>Muscle loss and weakness of the mastiscatory muscles starting 1 week poot vaccination. The vet was unusuef if there were any early signs prior to vaccination. Suspected trigeminal neuritis. Unspecified treatment started, outcome unknown.</td><td>English Cocket Spaniel</td><td>12.6</td><td></td><td>O1 - Inconclusive</td><td>It is unclear if the signs had started prior to vaccination or not musticatory muscle weakness has been reported previously following vaccination.</td></br<>	Not Known	Muscle loss and weakness of the mastiscatory muscles starting 1 week poot vaccination. The vet was unusuef if there were any early signs prior to vaccination. Suspected trigeminal neuritis. Unspecified treatment started, outcome unknown.	English Cocket Spaniel	12.6		O1 - Inconclusive	It is unclear if the signs had started prior to vaccination or not musticatory muscle weakness has been reported previously following vaccination.
NOBIVAC L4	UK-VMD-3560/14	United Kingdom	Animal	Canine/dog	3.23 Year(s)	04/08/2014	08/08/2014	1 1	0 05/08	/2014 Not Known	Restlessness, Haemorrhagic diarrhoea, Haematemesis, Blood in vomit, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Restlessness, haemorrhagic diarrhoea and haematemesis within 24 hours post vaccination. Lethargy noted on examination. Treated with Cerenia, antibiotics and a light diet. Recovery the next day.	Crossbred	39.5	NOBINE LA Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (04/08/2014-N/A) 	O - Unclassifiable/unassessa ble	
NOBIVAC L4	UK-VMD-3575/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	16/07/2015	13/08/2015	1 1	1 0 22/07	/2015 Not Known, <br: > Not Known</br: 		Not Known	Injection site swelling 6 days post vaccination developing into area of thickened skin, crusting and alopecia. Still ongoing when checked 4 weeks later.	Shih Tzu	6.6	Nobivac DHP - 1,N/A,N/A,24,N/A (16/07/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (16/07/2015- N/A) 	B - Possible	Close anatomical association, injection site reactions are expected but the length of time is unexpected.
	UK-VMD-3576/16	United Kingdom	Animal	Canine/dog	1.35 Year(s)	29/06/2016	01/08/2016	1 1	1 0 30/06	/2016 Yes, <b R> <br< td=""><td></td><td>No Data</td><td>Acute onset emesis, diarrhoes, lethargy within 24-48 hours following vaccination. No treatment given recovery within 2 days. No further information available.</td><td>, Jack Russell Terrier</td><td>7.1</td><td>Nobivac DHP - 1,N/A,N/A ,24,N/A (29/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,N/A (29/06/2016- N/A) </td><td>B - Possible</td><td>Close temporal association, clinical signs can occur following vaccination, two products used.</td></br<></b 		No Data	Acute onset emesis, diarrhoes, lethargy within 24-48 hours following vaccination. No treatment given recovery within 2 days. No further information available.	, Jack Russell Terrier	7.1	Nobivac DHP - 1,N/A,N/A ,24,N/A (29/06/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,24,N/A (29/06/2016- N/A) 	B - Possible	Close temporal association, clinical signs can occur following vaccination, two products used.
	UK-VMD-3597/15	United Kingdom	Animal		5.25 Year(s)		13/08/2015	1 1	1 0 12/08	Known, <br: > Not Known,<br: > Not Known</br: </br: 	BR> 'Neurological'),Anorexia,Pyrexia <br BR></br 	s Not Known	Anoresis, presis and lethargy starting less than 12 hours post Noblexe CMP and Noblexe Ld and an unknown time after Apopuel trestment, Signs had persisted for 2 days at the time of reporting, outcome unknown. An unknown treatment was given. No further information expected.	Jack Russell Terrier		Apoquel 5.4mg Film-coated Tablet for Dogs - N/AN/A,N/A,N/AN/A IL/10/8/2015-N/AN/A,N/A,N/AN/A IL/10/8/2015-N/AN/A,N/A,N/A PA-RS-Nobiwac DHP - 1,N/A,N/A, 2-4,Given once. Full vial (11/08/2015-11/08/20	B - Possible	Clinical signs are consistent with possible vaccine involvement; 2 other products were given concurrently including one other vaccination therefore the note of the other products cannot be excluded. Overall product involvement is possible.
NOBIVAC L4	UK-VMD-3599/16	United Kingdom	Animal	Canine/dog	13.42 Year(s)	19/09/2014	02/08/2016	1 1	0 19/09	/2014 Yes	Blindness,Fit,Balance impaired	No Data	Blindness, staxia, convolsion occurring during the three years following L4 vaccination. Had declined further investigation offered by VS. No further information available.	English Cocker Spaniel	12	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,Booster Vaccination in 2014 and 2015 (19/09/2014-N/A)<	N - Unlikely	Unlikely vaccine involvement; elderly dog and many other more likely causes of these clinical signs than related to vaccine.

NOBIVAC L4	UK-VMD-3601/15	United Kingdom	Animal	Canine/dog	6.33 Year(s)	17/07/2015	14/08/2015	1	1 0	17/07/2015	Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Malaise	Not Known	Owner reported that the dog appeared "groggy", as if coming round from anaesthetic 6 hours post vaccination (coded as lethargy and malaise). Recovery 1 day later with no treatment.	Crossbred	6.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (17/07/2015-N/A) 	B - Possible	Close time association and malaise and lethargy are known to occur.
NOBIVAC L4	UK-VMD-3619/15	United Kingdom	Animal	Canine/dog	8.17 Year(s)	03/08/2015	16/08/2015	1	1 0	06/08/2015	Not Known	Alopecia local	Not Known	Alopecia of the rump area starting 3 days post 1st dose vaccination. No treatment given, signs ongoing at time report made 10 days later. The dog has a history of allergic reactions to Advocate, other medications and some foods. Vet advised owner that there is no need for a second dose to be administered.	Crossbred	31	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (03/08/2015-N/A) 	O1 - Inconclusive	Close time association but the signs are unexpected and the dog has an ongoing problem with allergic reactions and skin problems.
NOBIVAC L4	UK-VMD-3633/15	United Kingdom	Animal	Canine/dog	10 Year(s)	30/06/2015	17/08/2015	1	1 0	10/07/2015	Not Known, <br×br ×BR×BR> Not Known</br×br 	Glossitis, Hypersalivation	Not Known	Glossifis, hypersallwation 6 weeks port vaccination. Similar signs the previous year within several days of vaccination; biopsies showed inflammation. Outcome unknown, no further information expected.	Border Collie	22	Nobivac DHPPI - 1,N/A,N/A,24,One vial of each DHP and L4 (30/06/2015 30/06/2015\BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24, One vial of each DHP and L4 (30/06/2015- 30/06/2015)\BR> 	No assessment performed	
NOBIVAC L4	UK-VMD-3640/15	United Kingdom	Animal	Canine/dog	7.33 Year(s)	07/08/2015	18/08/2015	1	1 0	07/08/2015	Not Known, BR >BR>BR>BR> Not Known	Anorexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and inappertence less than 6 hours post vaccination. No treatment given, outcome unknown. No further information expected.	Miniature Schnauzer	8.1	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (07/08/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (07/08/2015- N/ALRR> 	B - Possible	Clinical signs and onset are suggestive of product involvement, however 2 products were used concurrently therefore involvement is possible.
NOBIVAC L4	UK-VMD-3644/16	United Kingdom	Animal	Canine/dog	Not Known	03/08/2016	15/08/2016	5 4	1 0	03/08/2016	Yes, <b R>BR>Yes</b 	Tachycardia, Lethargy (see also Central nervous system depression in 'Neurological'), Anaphylaxis, Vomitin 8	No Data	Emesis, lethargy, tachycardia, heart rate between 192 to 201,/min within 30 minutes of vaccination in 1/4 treated suggesting anaphylaxis. No further information available, outcome unknown.	Miniature Dachshund	1.92	Nobivac DHP - 1,N/A,N/A, 10,1 ml (03/08/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 10,1 ml (03/08/2016- N/A) 	B - Possible	Timing/clinical signs suggest vaccine related anaphylaxis.
NOBIVAC L4	UK-VMD-3646/15	United Kingdom	Animal	Canine/dog	11.5 Year(s)	11/08/2015	18/08/2015	1	1 0	13/08/2015	Not Known, BR > BR>CBR> Not Known	Pyrexia,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Tachypnoea,Diarrho ea,Polydipsia	Not Known	Tachypnoes, polyfigbia, anorski, lethargy, diarrhoes, pyresia less then 48 hours after vaccination and an unknown time for starting meloisum returnent. Treated with amougkel, uniprovement within 24 hours of starting artibiosis, recovery-within 7 days. No further information expected.	German Shepherd Dog	43	Nobivac DHP - N/A,N/A,N/A N/A,N/A (11/08/2015- N/A)-4BR>-5BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,one vial (11/08/2015-N/A) >BR>	O1 - Inconclusive	Clinical signs are non specific. 2 products used, onset of 24-48 hours is possible but other causes do exist. Dog was also treated with an NSAID which cannot be excluded as a cause for GI symptoms. Product is a possible factor in signs seen.
NOBIVAC L4	UK-VMD-3648/16	United Kingdom	Animal	Canine/dog	3 Month(s)	03/08/2016	03/08/2016	1	1 0	03/08/2016	Yes	Injection site pain, Vocalisation, Fasciculation	No Data	Injection site pain, muscle fasciculation and whining (coded as vocalisation) within 6 hours of vaccination. Recovery within 6 hours without treatment. No previous reactions, nothing further.	Crossbred	4.32	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,Whole contents of vaccine administered subcutaneously. (03/08/2016- N/A) 	A - Probable	Clinical signs appear to be associated with injection site pain which is known to occur following vaccination.
NOBIVAC L4	UK-VMD-3661/14	United Kingdom	Animal	Canine/dog	3 Year(s)	04/08/2014	12/08/2014	1	1 0	04/08/2014	Not Known, <r> Not Known, Not Known</r>	Lethargy (see also Central nervous system depression in 'Neurological'),Localised pain NOS (see other 'SOCs' for specific pain),Pyrexia	Not Known	Lethargy, neck pain, pyrexia within 24 hours of vaccination. Treated with NSAIDs. No further information.	Yorkshire Terrier	4.4	Nobivac DHP - 1,N/A/N/A, 24,1 dosage form (04/08/2014- N/A) Nobivac KC - N/A,N/A,N/A, N/A/N/A (04/08/2014- N/A) <-BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 dosage form (04/08/2014-N/A) <-BR>	B - Possible	
NOBIVAC L4	UK-VMD-3664/16	United Kingdom	Animal	Canine/dog	14.5	12/06/2014	04/08/2016	1	1 1	14/06/2014	Yes	Renal disorder NOS, Death, Malaise	No Data	Malaise within 48 hours of vaccination; renal disorder NOS confirmed on bloods and urine. Four days later death by euthanasia. No further information available.	Tibetan Spaniel	Not Known	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,N/A (12/06/2014-N/A) 	O - Unclassifiable/unassessa ble	Insufficient information available.
NOBIVAC L4	UK-VMD-3665/17	United Kingdom	Animal	Canine/dog	4 Year(s)	04/07/2017	14/07/2017	1	1 0	12/07/2017	Not Known	Injection site warmth,Lethargy (see also Central nervous system depression in 'Neurological'),Inappetence,Injectio n site pain,Injection site lump,Injection site abscess,Pale murous membrane	Not Known	Off food and lethargic starting 6 days after vaccination. Lump on ventral neck noted 8 days after vaccination. Lump was hard, warm and painful to palpate. Centre felt fluid filled, with surrounding region quite hard-consistent with abscess formation. Clinical exam of dog was pretty unremarkable except for slightly pale mucous membranes. No previous reactions. Outcome unknown. Nothing further.	Lhasa Apso	8.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,Annual booster injection. 1 vial of 1ml administered (04/07/2017-N/A) <r>></r>	B - Possible	Timing/signs consistent with product related reaction.
NOBIVAC L4	UK-VMD-3671/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	13/07/2017	14/07/2017	1	1 0	13/07/2017	Not Known, <br×br ×BR×BR> Not Known</br×br 	Vomiting.Lethargy (see also Central nervous system depression in 'Neurological'),Elevated temperature,Hind limb ataxia	Not Known	Wobbly with bag leg, lethargy, vomits, increased rectal temperature within 1 hour of vaccination. No previous exposure. Recovery after 12 hours. Nothing further.	Cavalier King Charles Spaniel	12.3	Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs- I,N/A/N/A, N/A,1 dose (13/07/2017- N/A)-BRBR-Nobivac L4 Suspension for Injection for Dogs- I,N/A/N/A,N/A/N/A (13/07/2017- N/A)-BR>-BR>	B - Possible	Timing/signs consistent with product related reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-3677/16	United Kingdom	Animal	Canine/dog	2.15 Year(s)	04/08/2016	04/08/2016	1	1 0	04/08/2016	Yes, <b R> > Yes</b 	Periorbital oedema, Itchy skin	No Data	Perioribial swelling, pruritus within 6 hours of vaccination. Treated with steroids/antihistamines and recovered within 2-3 hours. NOthing further	Crossbred	7.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0,1ml of L4 mixed with nobivac P iva sinjected under the skin today (04/08/2016-N/A) -BR>Nobivac Pi - 1,N/A,N/A, 1,0,N/A (04/08/2016-N/A) -GR>	B - Possible	Hypersensitivity reactions can occur following vaccinations; two products used.
	UK-VMD-3679/16	United Kingdom	Animal	Canine/dog	Not Known	03/07/2016	05/08/2016	1	1 0	03/08/2016	×BR×BR×BR> Not Known	Urination, Sleepiness - systemic disorder, Vomiting, Anorexia, Letharg y (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy 3 hours post vaccination. Emesis the next day followed by further lethargy and anorexia. Urination when sleeping on sofs. Recovery by the next day.	Other Canine/dog	Not Known	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (03/07/2016- N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (03/07/2016- N/ALSBR>>BR>	B - Possible	Close time association, signs could be expected.
NOBIVAC L4	UK-VMD-3686/16	United Kingdom	Animal	Canine/dog	4 Month(s)	03/08/2016	08/08/2016	1	1 0	03/08/2016	Known, <br< td=""><td>Tachycardis, Facial swelling (see also Skin), Abnormal slow Skin), Abnormal breathing Parting, Laryngeal irritation, Swollen eye, Swollen face (see also Skin), Swollen face (see also Skin), Swollen face Skin), Swollen mouth</td><td>Not Known</td><td>Amonth off shift Tu in for re start vaccinations: previously had Nobixed chips 8 L 2 in March this year bout jaced post time for 2 of vacc. Gene Nobixe CNP Both humber A095400 and Lepto 6 battch number A095401 and Nobixec KyCough batch number A075701 Owner feels it was the kyCough vaccine which caused the reaction. When dog left surgery it was fine and had been given a clean bill of health. Agrous Lif hat convent contacted surgery to say her yes semender sowhelm and during conversation her face then seemed sowhelm. Owner brought dog down for re-examination. Owner states dog fad only gone home and eaten her tea with other dogs and couldn't have been exposed to anything in the garden etc which may have caused the problem. Exam of dog showed acute swelling of conjunctive and surrounding States and along the upone pile ine, breasting notiop, stachycards, parinte, mmb - pilk, but difficult to examine due to inflammation, crt 2-sec, temp 33.1 teratment - dexamethasone 0.2mg/kg & Hulls, fee washed with odd water - within 30mins breathing back to normal temp reduced, pulse normal and inflammation reduced. Outcome unknown.</td><td>Shih Tzu</td><td>5.5</td><td>Nobiac DIP - 1,N/A,N/A, 10,1 ml 1 Aminal (30,703,704). N/A,-8R>-Nobiac KC - 4,N/A/A, 1,0,0,4 ml 1 Animal (30,703,704). All 1,0 ml 1 Animal (30,703,704). ANIM-BR-SR-Nobiac LS supersion for Injection for Dog 1,N/A/M, 1,0 ml 2 Animal (03,708,704). All 1 Animal (03,708,701).</td><td>B - Possible</td><td>Temporal association is strong an according to the SPC a hypersensitivity (anaphylaxis) reaction may occur after vaccination with L4. However, the symptom are more ilikely to be related to Nobhac the properties of the properties of the 10th and other factors cannot be discarded as the dog went home and had some food after vaccination.</td></br<>	Tachycardis, Facial swelling (see also Skin), Abnormal slow Skin), Abnormal breathing Parting, Laryngeal irritation, Swollen eye, Swollen face (see also Skin), Swollen face (see also Skin), Swollen face Skin), Swollen mouth	Not Known	Amonth off shift Tu in for re start vaccinations: previously had Nobixed chips 8 L 2 in March this year bout jaced post time for 2 of vacc. Gene Nobixe CNP Both humber A095400 and Lepto 6 battch number A095401 and Nobixec KyCough batch number A075701 Owner feels it was the kyCough vaccine which caused the reaction. When dog left surgery it was fine and had been given a clean bill of health. Agrous Lif hat convent contacted surgery to say her yes semender sowhelm and during conversation her face then seemed sowhelm. Owner brought dog down for re-examination. Owner states dog fad only gone home and eaten her tea with other dogs and couldn't have been exposed to anything in the garden etc which may have caused the problem. Exam of dog showed acute swelling of conjunctive and surrounding States and along the upone pile ine, breasting notiop, stachycards, parinte, mmb - pilk, but difficult to examine due to inflammation, crt 2-sec, temp 33.1 teratment - dexamethasone 0.2mg/kg & Hulls, fee washed with odd water - within 30mins breathing back to normal temp reduced, pulse normal and inflammation reduced. Outcome unknown.	Shih Tzu	5.5	Nobiac DIP - 1,N/A,N/A, 10,1 ml 1 Aminal (30,703,704). N/A,-8R>-Nobiac KC - 4,N/A/A, 1,0,0,4 ml 1 Animal (30,703,704). All 1,0 ml 1 Animal (30,703,704). ANIM-BR-SR-Nobiac LS supersion for Injection for Dog 1,N/A/M, 1,0 ml 2 Animal (03,708,704). All 1 Animal (03,708,701).	B - Possible	Temporal association is strong an according to the SPC a hypersensitivity (anaphylaxis) reaction may occur after vaccination with L4. However, the symptom are more ilikely to be related to Nobhac the properties of the properties of the 10th and other factors cannot be discarded as the dog went home and had some food after vaccination.

NOBIVAC L4	UK-VMD-3697/17	United Kingdom	Animal	Canine/dog	4 Year(s)	13/07/2017	17/07/2017	1 1	0 14/07/20	17 Not Known,
 <br Not Known</br </br 	Anorexia,Haemorrhagic diarrhoea	Not Known	Vaccination was given on 13/07/2017 at 10.40 am. by the next morning developed haemorrhagic distribose and was also anorexic. Dog has been on HIP's xif Purins HA for 4-5 morths suspected adverse flood reaction-both dermatological and gastrointerlast signs-intermittent vomiting, anorexis and distribose. No further episodes since 13/06/2017. Reaction duration 12 hours. I have ticked that dog has not previously received similar meth however been regularly vaccinated with Vanguard DHPPIL2 but this was a first time the dog received Nobivac DHPPL4	Whippet	22.7	Nobivac DHP - 1,N/A,N/A N/A,standard one vial (13/07/2017- N/A)-BB->BS-Nobivac L4 suspension for Injection for Dogs- 1,N/A,N/A,N/A,N/A (13/07/2017- N/A)-BB->-BR>	- Possible	Temporal association is very strong and signs may occur a part of a hypersensitivity reaction however dog had been on Hirs' 3F Jernar Haf Or 4-5 months suspected adverse food reaction (intermittent vomiting, anorexia and diarthora). Do gropted to have been find during the month before vaccination. Some presexting condition may have contributed to the signs, however, product involvement is possible. Two vaccines administed concurrently.
NOBIVAC L4	UK-VMD-3727/15	United Kingdom	Animal	Canine/dog	4 Year(s)	12/08/2015	21/08/2015	1 1	0 13/08/20	15 Not Known	Respiratory tract disorder NOS,Nasal discharge,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Rhinitis, upper respiratory congestion (coded respiratory tract disorder) and transient lethargy starting within 24 hours post vaccination. Still ongoing 8 days later when report received. Unspecified treatment given, outcome unknown.	Bulldog	19.4	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A,24,One single dose L4 vaccine administered alone (12/08/2015-N/A) 	- Possible	Close time association but signs are unexpected, other causes are possible, no investigation carried out.
NOBIVAC L4	UK-VMD-3738/16	United Kingdom	Animal	Canine/dog	2 Month(s)	22/07/2016	08/08/2016	1 1	1 24/07/26	16 Not Known, <bf > Not Known, <bf > <br< td=""><td>Diarrhoea,Death,Anorexia,Dull</td><td>Not Known</td><td>Puppy became guietter, stopped eating, developed distribes a prox 24-48 hours after vaccination. Was not presented for medical treatment. Deteriorated over 24hours and the field set vets during consultation. I am of the opinion that the puppy was already subclinically unwell or carrying incubating disease when rehomed to the client and that the vaccination was not the cause of illness which caused decline and death.</td><td>s Crossbred</td><td>0.92</td><td>Endectried AD mg + 10 mg Spot-on N Solution for Small Dogs - N N/A/N/A/N/A/N/A (N/A- N/A/RAS-BR-Noblave DHP - N/A/N/A/RAS-BR-Noblave DHP - N/A/N/A/A/A/N/A N/A/RAS-BR-Noblave DHP - N/A/N/A/A/A/N/A/A/A/N/A/A/A/N/A/A/N/A/A/N/A</td><td>- Unlikely</td><td>The Temporal association is strong however clinical gives are not listed on the SPC, and the nonset of immunity is three weeks and the animal died less that one week after vaccination, therefore he was likely to be incubating the disease previous to the vaccination.</td></br<></bf </bf 	Diarrhoea,Death,Anorexia,Dull	Not Known	Puppy became guietter, stopped eating, developed distribes a prox 24-48 hours after vaccination. Was not presented for medical treatment. Deteriorated over 24hours and the field set vets during consultation. I am of the opinion that the puppy was already subclinically unwell or carrying incubating disease when rehomed to the client and that the vaccination was not the cause of illness which caused decline and death.	s Crossbred	0.92	Endectried AD mg + 10 mg Spot-on N Solution for Small Dogs - N N/A/N/A/N/A/N/A (N/A- N/A/RAS-BR-Noblave DHP - N/A/N/A/RAS-BR-Noblave DHP - N/A/N/A/A/A/N/A N/A/RAS-BR-Noblave DHP - N/A/N/A/A/A/N/A/A/A/N/A/A/A/N/A/A/N/A/A/N/A	- Unlikely	The Temporal association is strong however clinical gives are not listed on the SPC, and the nonset of immunity is three weeks and the animal died less that one week after vaccination, therefore he was likely to be incubating the disease previous to the vaccination.
NOBIVAC L4	UK-VMD-3745/15	United Kingdom	Animal	Canine/dog	2.58 Month(s)	18/08/2015	24/08/2015	1 1	0 19/08/20	15 Not Known, BF >BR> BR Not Known, BR Not Known Not Known	Urticaria	Not Known	Generalised utilization within 24 hours post vaccination. Unspecified treatment given leading to recovery 6 days later.	Pug	4	Nobiva C DHPPI - 1,N/A/N/A, N/A,1 Vial (18/08/2015- N/A)-RR-SRN-Nobivac KC - 1,N/AN/A, 24,N/A (18/08/2015- N/A)-BR-SBR-Nobivac L4 Suspension for injection for Dogs - 1,N/AN/A, 24,N/A (18/08/2015- N/A)-RR-SRR-Nobivac L4	- Possible	Close time association but multiple products administered and length of signs are unexpected.
NOBIVAC L4	UK-VMD-3750/16	United Kingdom	Animal	Canine/dog	5.83 Year(s)	29/07/2016	09/08/2016	1 1	0 30/07/20	16 Not Known	Self trauma, Urticaria, Self mutilation	Not Known	Urticaria affecting the feet and ventral abdomen starting within 24 hours post vaccination leading to self trauma and self multistion. This only occurred following 7 did obe administration and the dog had a previous history of licking his feet. Unspecified treatment given leading to recovery 6 days later.	Other Canine/dog	6.85	Nobivac L4 Suspension for Injection B for Dogs - 1,N/A,N/A,N/A,One vial administered as second dose for upgrading onto lepto 4 vaccination (29/07/2016-N/A)<	- Possible	Close time association, possible hypersensitivity reaction.
NOBIVAC L4	UK-VMD-3787/16	United Kingdom	Animal	Canine/dog	3.18 Year(s)	21/07/2016	10/08/2016	1 1	0 27/07/20	16 Not Known, BF > BR>CBR: Not Known	Injection site swelling	Not Known	Injection site swelling noted 6 days post vaccination. Unknown if any treatment given, outcome unknown.	Whippet	14.8	Nobivac DHP - 1,N/A,N/A,24,N/A (21/07/2016-N/A) >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,single dose (21/07/2016-N/A) >BR>	- Possible	Close anatomical association but 2 products administered concurrently.
NOBIVAC L4	UK-VMD-3791/17	United Kingdom	Animal	Canine/dog	1.61 Month(s)	12/07/2017	21/07/2017	3 1	0 12/07/20	17 Not Known, BF >>BR>>BR Not Known	Swollen face (see also 'Skin')	Not Known	Owner reported a swelling of the face onset approximately an hour post injection. The Owner treated this animal with a low dose of piriton and the animal is now fine (reaction duration 3 hours)	Miniature Pinscher	0.605	Nobixac DHP - 1,N/A,N/A,N/A,Given B as a single injection combined vaccination Imi (12/07/2017-N/A)=RR>=RR>=Nobixac L4 Suspension for Injection for Dogs-1,N/A,N/A,N/A,N/A (12/07/2017-N/A)>=RR>>=RR>	- Possible	Timing/clinical signs suggest a possible hypersensitivity/anaphylactic reaction to the vaccine Two products administered
NOBIVAC L4	UK-VMD-3807/16	United Kingdom	Animal	Canine/dog	2.25 Year(s)	27/06/2016	10/08/2016	1 1	0 01/08/20	16 Not Known	Addison's disease	Not Known	Dog has gone into an acute Addisonian crisis 35 days after the administration of Noblwac L4. The reaction started the 1st of August and is still ongoing. The dog was previously exposed to the vaccine with no reactions. Outcome unknown.	Crossbred	28.2	Nobivac L4 Suspension for Injection O for Dogs - 1,N/A,N/A ,10,1ml dose given as annual booster vaccination bit (27/06/2016-27/06/2016) -BR>	i - Inclassifiable/unassessa le	The onset is quite long to be related to the vaccine administration and another more plausible explanations may exists. The animal was previously exposed to the vaccine and had no reactions. The product involvement cannot be excluded, however it is very unlikely.
	UK-VMD-3811/17	United Kingdom	Animal			11/07/2017	21/07/2017	1 1		17 Not Known	Not eating, Death, Immune mediated haemolytic anaemia, Lethargy (see also Centra nervous system depression in 'Neurological')	Not Known	MMA9 9 days after vaccination with L4 I saw daisy today, after she stated to be lethargic and not eating much. She had letpt 0 4 vaccination solely as part of her yearly booster, last week on the 11th INV. She was checked last week before being inoculated and was healthy to be vaccinated. I have seen this dog today and she developed immune hearnolytic anaemia and had to be hospitalised for immune suppressive treatment. Reaction dustroon and disc of death unknown.	Miniature Schnauzer		Nobivac L4 Suspension for Injection B- for Dogs - N/A,N/A,N/A ,N/A,vaccination booster (11/07/2017-N/A) 		Only one product was administered, and IMHA is known to occur after vaccination and 9 days is a strong temporal relation. Cannot exclude some other preexisting condition either, but still product involvement is possible
NOBIVAC L4	UK-VMD-3812/17	United Kingdom	Animal	Canine/dog	2.26 Year(s)	04/07/2017	28/07/2017	1 1	0 18/07/20	17 Not Known	Injection site lump	Not Known	Non-painful injection site lump noted 2 weeks post vaccination. FNA showed predominantly blastic lymphocytes, occasional non-degenerate neutrophils, occasional plasma cell and red blood cells. No treatment given, outcome unknown.	English Springer Spaniel	23.1	Nobivac L4 Suspension for Injection B- for Dogs - 1,N/A,N/A ,10,Booster vaccination, received (04/07/2017- N/A) 	- Possible	Close anatomical association and can be expected but long time to onset.
	UK-VMD-3816/16	United Kingdom	Animal	Canine/dog	2 Year(s)	08/07/2016	24/08/2016	1 1	0 08/07/20	16 Not Known, BR >BR> <br Not Known</br 	Diarrhoea,Emesis (multiple)	Not Known	The dog showed emesis and diarrhoea the same day of the vaccination. The symptoms lasted 4 days. No previous exposures.	Crossbred	7	Nobivac DHP - 1,N/A,N/A,N/A,1 ml B (08/07/2016-N/A) RNObivac L4 Suspension for nigetion for Dogs - 1,N/A,N/A,N/A,1 ml (08/07/2016-08/07/2016) - 08/07/2016) - 08/07/2016) - 08/07/2016	- Possible	Clinical signs are not known to occur following administration according to the SPC however temporal association is strong and product involvement cannot be discarded.
NOBIVAC L4	UK-VMD-3833/16	United Kingdom	Animal	Canine/dog	2.1 Month(s)	10/08/2016	11/08/2016	5 1	0 10/08/20	16 Not Known, BF >BR>BR>BR Not Known, BF >BR>BR>BR		Not Known	The dog showed lethargy and emesis aprox 1 hour after vaccination. No previous exposures. The dog recovered after aprox 12 hours.	Crossbred	1.42	Nobivas DHP - N/A,N/A,N/A N/A,N/A (10/08/2016- 10/08/2016- 1N/A,N/A 24,N/A (10/08/2016- 10/08/2016)-BR> > Nobivas L4 Suspension for injection for Dogs- 1,N/A,N/A 24,N/A (10/08/2016- 10/08/2016/BR> > Nobivas L4 Suspension for injection for Dogs- 1,N/A,N/A 24,N/A (10/08/2016- 10/08/2016/BR> > RPS	i - Inclassifiable/unassessa Ie	Temporal association is strong but clinical signs are not listed on the SPC. Other vaccines were administered concurrently. However product may be a factor and cannot be completely excluded.
NOBIVAC L4	UK-VMD-3834/14	United Kingdom	Animal	Canine/dog	1.17 Year(s)	28/07/2014	22/08/2014	1 1	0 28/07/20	14 Not Known, BF > SR Not Known	Diarrhoea,Vomiting	Not Known	Emeis started a few hours post vaccination. This continued intermittently for another 17 days, then distributes started. Recovery within 2 days after being fed a bland diet. Intermittent emess started again after being weared onto normal food.	Dogue de Bordeaux	38.5		11 - Inconclusive	Emesis within a few hours following vaccination makes a link possible, however, it would be unexpected for it to continue for such a length of time and for diarrhoea to only start 17 days following vaccination. Given that the dog improved on a bland diet but then emesis started again after the normal diet was reintroduced, then a dietary factor is likely.
NOBIVAC L4	UK-VMD-3836/15	United Kingdom	Animal	Canine/dog	6.42 Year(s)	13/08/2015	27/08/2015	1 1	0 14/08/20	15 Yes, <i R> Yes</i 	3 Gagging,Sneezing,Cough,Dry nose	No Data	Cough, gagging, sneezing, dry nose within 24 hours of vaccination with KC and L4. No further information.	Chihuahua	3.86	Nobivac KC - 1,N/A,N/A,24,one vial. N (13/08/2015-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,N/A (13/08/2015- N/A) 	- Unlikely	Clinical signs more likely due to the KC component

NOBIVAC L4	UK-VMD-3863/15	United Kingdom	Animal	Canine/dog	3.45 Month(s)	26/08/2015	29/08/2015	1 1	0 27/08/2	I15 Not Known, <bf > >CBR</bf 	Convulsion	Not Known	Convulsions within 24 hours post vaccination. No treatment given, outcome unknown.	English Springer Spaniel	4.5	Nobivac DHP - 1,N/A,N/A ,24,N/A (26/08/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (26/08/2015- N/A) 	O - Unclassifiable/unassessa ble	Convulsions are unexpected but there was a close time association, no investigation given and outcome unknown.
NOBIVAC L4	UK-VMD-3869/17	United Kingdom	Animal	Canine/dog	3 Month(s)	27/06/2017	26/07/2017	1 1	0 27/06/2	Known, <bf< td=""><td>Lethargy (see also Central nervous system depression in 'Neurological')</td><td>Not Known</td><td>Lethargy for 2-3 hours after vaccination. No previous reaction. Nothing further.</td><td>Jack Russell Terrier</td><td>3.1</td><td>Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (27/06/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (27/06/2017- N/A) </td><td>B - Possible</td><td>Timing/sign consistent. Sign non-specific. Two vaccines administered.</td></bf<>	Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy for 2-3 hours after vaccination. No previous reaction. Nothing further.	Jack Russell Terrier	3.1	Nobivac DHP - 1,N/A,N/A,N/A,N/A,N/A (27/06/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (27/06/2017- N/A) 	B - Possible	Timing/sign consistent. Sign non-specific. Two vaccines administered.
NOBIVAC L4	UK-VMD-3880/14	United Kingdom	Animal	Canine/dog	Not Known	22/08/2014	27/08/2014	1 1	0 22/08/2	Mot Known, Known, KR> KR> KR> Not Known, KNown, KR> KROWN	Syncope, Hypotension, Weakness, Ar aphylactic-type reaction	Not Known	Suspected anaphylaxis, weakness, syncope, hypotension within 24 hours of vaccination administration lasting 3 hours. Exact time scale unclear. Assume recovered given duration of reaction.	, Crossbred	12.2	2 Nobiwac DHP - 1,N/A,N/A,24,1 Dose (22/08/2014-N/A) -BR>-Nobiwac KC - 1,N/A,N/A 24,1 Dose (22/08/2014-N/A) -BR>-BR>-bobiwac (4 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 Dose (22/08/2014- N/A) -BR>	O1 - Inconclusive	Clinical signs correlated with a hypersensitivity type reaction, though time scales not clear, and multiple products used.
NOBIVAC L4	UK-VMD-3888/14	United Kingdom	Animal	Canine/dog	3 Year(s)	14/08/2014	27/08/2014	1 1	0 15/08/2	114 Not Known	Injection site lump,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy within 24 hours post vaccination. Injection site lump noted 6 days later. Treated with NSAIDs outcome unknown.	, German Spitz - Pomeranian	4.95	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (14/08/2014-N/A) BR> 	A - Probable	Injection site reactions and lethargy are known adverse effects of the product.
NOBIVAC L4	UK-VMD-3892/13	United Kingdom	Animal	Canine/dog	10 Year(s)	14/09/2013	30/09/2013	1 1	0 14/09/2	13 Not Known	Convulsion,Confused,Stiffness NOS	Not Known	Convulsion 2-3 hours after vaccination, lasted for a few minutes and then was stiff and disorientated. Recovered after 24 hours	Labrador Retriever	31.9	9 Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A, (14/09/2013-N/A) BR> 	B - Possible	
NOBIVAC L4	,	United Kingdom	Animal	Canine/dog	15 Month(s)	10/07/2015	02/09/2015	1 1	0 19/08/2		Conjunctivitis	No Data	Bilateral conjunctivitis within 4 days of vaccination. Treated with Fucithalmic. One month later was given second L4 vaccination, presented 2 days later with conjunctivitis. Treated with lubricating eye drops. No further information.	Not Applicable	8.7	for Dogs - 1,N/A,N/A ,10,N/A (10/07/2015-N/A) 	B - Possible	Although clinical signs are unusual, the close temporal association to both episodes, and the fact that the same signs have occurred at both vaccinations; a vaccine related reaction is deemed possible.
NOBIVAC L4	UK-VMD-3909/17	United Kingdom	Animal	Canine/dog	11.08 Year(s)	04/07/2017	01/08/2017	1 1	0 04/07/2		Injection site mass	Not Known	Suspected adverse reaction injection site mass noted within 24 hours post vaccination on 4 July 2017 with Nobivac L4 Outcome unknown. No more information expected	English Springer Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Single dose by 1ml Nobivac L4 (04/07/2017- N/A)	B - Possible	Close time and anatomical association.
	UK-VMD-3910/16	United Kingdom	Animal	Canine/dog	2.75 Year(s)	21/07/2016	16/08/2016	1 1	0 21/07/2	116 Not Known	Vomiting	Not Known	3 episodes of emesis within the 24 hours post 2nd dose vaccination and starting about 6 hours post vaccination. No treatment given and no further problems after the 24 hours. The dog also had emesis following the 1st dose vaccination given 1 month earlier.	Crossbred		for Dogs - 1,N/A,N/A ,N/A,standard single vial (21/07/2016- N/A) 	B - Possible	Close time association and known adverse effect but other causes also possible.
NOBIVAC L4	UK-VMD-3912/15	United Kingdom	Animal	Canine/dog	10 Year(s)	04/08/2015	02/09/2015	1 1	0 08/08/2	I15 Yes, <i R> Yes</i 	Vomiting,Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Dull	No Data	Lethargy, dull, anorexia, emesis (bile) within 4 days of vaccination with DHP and L4. No further information.	Miniature Dachshund	9.7	7 Nobivac DHP - 1,N/A,N/A ,24,N/A (04/08/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (04/08/2015- N/A) 	O1 - Inconclusive	4 days is not considered an overly close temporal association, and there are other causes of these clinical signs; however a product related reaction cannot be ruled out.
NOBIVAC L4	UK-VMD-3913/17	United Kingdom	Animal	Canine/dog	5.67 Year(s)	27/07/2017	27/07/2017	1 1	0 27/07/2	I17 Not Known, <bf > Not Known</bf 	Conjunctival oedema	Not Known	Conjunctival oedema within 5 to 7 minutes post application of eye drops. Dexadreson treatment given leading to recovery 2 hours later. Concurrent vaccination.	n Crossbred	27.3	Nobivac L4 Suspension for Injection for Dogs - N/A.N/A,N/A, N/A,N/A (27/07/2017- N/A)-BR- <br-tetracaine (27="" (human)="" (minims)="" -="" 07="" 1,n="" 2017-="" a)-br-sbrs<="" a,n="" application="" drops="" eye="" facilitate="" hydrochloride="" iop="" measurement="" n="" single="" td="" to=""><td>No assessment performed</td><td></td></br-tetracaine>	No assessment performed	
NOBIVAC L4	UK-VMD-3915/15	United Kingdom	Animal	Canine/dog	6.08 Year(s)	25/08/2015	03/09/2015	1 1	0 27/08/2	Not Known, <br< td=""><td>Injection site swelling</td><td>Not Known</td><td>Injection site swelling 2 days post vaccination. Still ongoing 8 days later, no treatment given, outcome unknown.</td><td>Bull Terrier</td><td>27.7</td><td>Nobivac DHP - 1,N/A,N/A,24,N/A (25/08/2015-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,One vial (25/08/2015- N/A) >BR></td><td>B - Possible</td><td>Known adverse effects, close time and anatomical association, 2 products administered.</td></br<>	Injection site swelling	Not Known	Injection site swelling 2 days post vaccination. Still ongoing 8 days later, no treatment given, outcome unknown.	Bull Terrier	27.7	Nobivac DHP - 1,N/A,N/A,24,N/A (25/08/2015-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,One vial (25/08/2015- N/A) >BR>	B - Possible	Known adverse effects, close time and anatomical association, 2 products administered.
NOBIVAC L4	UK-VMD-3956/14	United Kingdom	Animal	Canine/dog	12 Year(s)	16/07/2014	01/09/2014	1 1	0 18/07/2	114 Not Known	Diarrhoea,Emesis	Not Known	Emesis and diarrhoea within 2-3 days of each dose (2 doses of restart vaccination course), happening twice, after each vaccination. Nothing further.	Crossbred	19.5	Nobivac L4 Suspension for Injection for Dogs - 1,1,4 Weeks,24,N/A (16/07/2014-N/A) 	B - Possible	Moderate temporal reaction, occurred after each vaccination administration, so is a repeatable reaction.
NOBIVAC L4	UK-VMD-3956/17	United Kingdom	Animal		30.46 Year(s)	28/07/2017	29/07/2017	1 1	0 28/07/2	Known,
 <br Not Known</br </br 	Angioedema,Facial oedema	Not Known	Angionewotic cedema of the face starting within 6 hours of vaccination. No previous exposure. Recovery after 1 day. Nothing further.	Crossbred	7	Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs - I,N/A,N/A, N/A, 1 vial (28/07/2017- N/A)-BR>-Obbivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (28/07/2017- N/A)-BR>-OBR	B - Possible	Timing/signs consistent with product related reaction. Two products administered.
	UK-VMD-3957/15	United Kingdom	Animal	.,,,,	8.25 Year(s)	02/09/2015	05/09/2015	1 1	0 02/09/2		Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy within 6 hours of vaccination. Clinical exam was unremarkable however lethargy continued, progressively improving over the following 3 days. No treatment was given, no previous reaction, nothing further.	Jack Russell Terrier		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1ml vaccine (02/09/2015-N/A) 		Timing and clinical signs suggestive of probable product related reaction.
NOBIVAC L4	UK-VMD-3958/17	United Kingdom	Animal	Canine/dog	3.74 Month(s)	06/06/2017	29/07/2017	1 1	0 24/06/2	117 Not Known, BF BR>BR>BR Not Known, BR RNOT Known	Diarrhoee, Vorniting	Not Known	After the 2nd Nobivac DHF; she developed severe distribes and vomited once. After the 3nd Nobivac doors, the developed severe distribes a within 4hF xan of vomitted 4 times. Bett anx streated with antibiotics and Panacur on the first occasion and antibiotics, omepazable and kaolin on the current occasion. Stool culture was negative. We feel her chicken and rice for see Mays as advised and slowly re-introduced her Kibble. We were advised to change to a different Kibble after the prolonged first episode.	Labrador Retriever	14.5	Noblace DIPP - J.N/AN/A, N/A, 3 doses, 60(%0.71); 2.70(%10.71); and 27/07/2017. Volume administered unknown. (B Wesh), 60(%0.7017. Tollume administered unknown. (B Wesh), 60(%0.7017. Tollum), 70(70/70.71); eRR-HB-Noblowa K. C. 1, N/AN/A, N/A, N/AN/A, N/AN/A), and C September C Dept. 1, N/AN/A, N/AN/AN/A, N/AN/AN/A, C September C Dept. 1, N/AN/A, N/AN/AN/A, N/AN/AN/A, C September C Dept. 1, N/AN/A, N/AN/AN/A, N/AN/AN/A, C September C Dept. 1, N/AN/A, N/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN	B - Possible	The third dose of L4 was given on the same day of DNP. Product involvement is possible for both products

NOBIVAC L4	UK-VMD-3981/17	United Kingdom	Animal	Canine/dog	9.08 Year(s)	14/07/2017	03/08/2017	1 1	0 18/4		 BR> erro > <b< th=""><th>splication site swelling Injection e swelling Medication ror, Injection site warmth</th><th>Not Known</th><th>On 14/7/17 Nobivac KC vaccine was given subcutaneously instead of intransasily with Nobivac DHP and Nobivac LA. 18/7/17 Lapse oveiling at injection site approx 15cm diameter, firm, hot to touch within 4 days of vaccination. Patient normothernic. No previous reactions. Outcome unknown. No further information supplied on treatment.</th><th>Crossbred</th><th>15</th><th>Nobiac DIP - 1.N/A.N/A, 24,1 ml 1 8 - Pos Animal (4/07/2017- 14/07/2017-Ben-Bhobback K - 1.N/A.N/A, 24/vacine given subcutameouly off licence (14/07/2017-Ben-Bis-Nobiac L4 Supersion for injection for Dogs- 1.N/A.N/A, 24, ml 1 Animal (4/07/2017-107/2017)-687-688-</th><th>ssible</th><th>Timing/signs consistent with product related reaction. Multiple vaccines administered.</th></b<>	splication site swelling Injection e swelling Medication ror, Injection site warmth	Not Known	On 14/7/17 Nobivac KC vaccine was given subcutaneously instead of intransasily with Nobivac DHP and Nobivac LA. 18/7/17 Lapse oveiling at injection site approx 15cm diameter, firm, hot to touch within 4 days of vaccination. Patient normothernic. No previous reactions. Outcome unknown. No further information supplied on treatment.	Crossbred	15	Nobiac DIP - 1.N/A.N/A, 24,1 ml 1 8 - Pos Animal (4/07/2017- 14/07/2017-Ben-Bhobback K - 1.N/A.N/A, 24/vacine given subcutameouly off licence (14/07/2017-Ben-Bis-Nobiac L4 Supersion for injection for Dogs- 1.N/A.N/A, 24, ml 1 Animal (4/07/2017-107/2017)-687-688-	ssible	Timing/signs consistent with product related reaction. Multiple vaccines administered.
NOBIVAC L4	UK-VMD-3983/17	United Kingdom	Animal	Canine/dog	12.17 Year(s)	26/07/2017	01/08/2017	1 1	0 31/0		 BR> disc	rculatory collapse (see also eurological' and 'Systemic sorders'),Tremor,Weakness	Not Known	Episcodic weakness/Collapse and body tremor several times daily starting 5 days after vaccination. No previous exposure. Outcome unknown. Nothing further.	English Cocker Spaniel	13.7	Nobivac DHP - 1,N/A,N/A,10,1ml O1 - In (26/07/2017-N/A) -BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,10,N/A (26/07/2017-N/A) -⟨BR>-⟨BR>-⟨BR>-⟨BR>-⟨BR>-⟨BR>-⟨BR>-⟨	nconclusive	Onset longer than expected. Product related reaction possible. Other causes possible. Two vaccines administered.
	UK-VMD-3984/14	United Kingdom	Animal	Canine/dog	3.25 Year(s)	26/08/2014	04/09/2014	1 1	0 29/1	08/2014 Not Known, > Yes	 <td>jection site iscess, Tachycardia, Inappetence, O colour, Pyrexia, Stiffness NOS</td> <td>Not Known</td> <td>Suffiness, injection site abocess within 3 days of administration. GA to drain and flush, drain due to be removed, started on metacam and synulox.</td> <td>English Cocker Spaniel</td> <td>11.3</td> <td>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial (26/08/2014- N/A)https://docs.ncbivac.Pi-1,N/A,N/A,10,1 ml (26/08/2014-26/08/2014-26/08/2014-8R><8R></td> <td>nconclusive</td> <td>Temporal association and injection site reaction, abscess may be associated with method of injection rather than product itself but this is not determined.</td>	jection site iscess, Tachycardia, Inappetence, O colour, Pyrexia, Stiffness NOS	Not Known	Suffiness, injection site abocess within 3 days of administration. GA to drain and flush, drain due to be removed, started on metacam and synulox.	English Cocker Spaniel	11.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial (26/08/2014- N/A) https://docs.ncbivac.Pi-1,N/A,N/A,10,1 ml (26/08/2014-26/08/2014-26/08/2014-8R><8R>	nconclusive	Temporal association and injection site reaction, abscess may be associated with method of injection rather than product itself but this is not determined.
NOBIVAC L4	UK-VMD-3986/15	United Kingdom	Animal	Canine/dog	2 Month(s)	03/09/2015	15/10/2015	3 3	2 04/1		 BR> stin own also disc loss 'Ne disc (see dep coli	onormal necropsy ding, Jurnesponsive to multi-lypersalivation, Diarrhoea, V miting, Seizure NOS, Collapse (see so Cardio-vascular' and "Systemic sorders"), Death Appetite sorders'), Death Appetite selso eurological' and "Systemic sorders'), Hypothermia, Letharry e a Boc Certral nervous system e as Dec Certral nervous system pression in 'Neurological'), Off lous, Dehydration, Hypoglycaemia, adominal discomfort	Not Known	Damhoes, emesis and ancreasis in 3 puppies out of 3 starting within 24 hours post vaccination, 4 this puppie was not vaccinated Malaise and collage in 1 of the puppies the net eds. Adhominal disconfort, loss of consciousess, dehydration and collage on examination. Treated with fluids. Othe 2 pups also admitted for fluid treatment, hipersalivation, hoppothermia and hypoglycemain in 11 pupp 2 days later. Treated with fluids and glucose. Lethargy, collages and convolutions in the 2nd puppy later the same day. Treated with Cereinal, pluids on the same day. Treated with Cereinal, pluids of the same day. Treated with Cereinal pupper same of the same day. Treated with Cereinal pupper same days of the same day. Treated with Cereinal pupper same days of the same day. Treated with Cereinal pupper same days of the same day. Treated with Cereinal pupper same days of the same day. Treated with Cereinal pupper same days of the same day. Treated with Cereinal pupper same days of the same day to the same day to the same day. The days of the days of the same day the days of	Maltese er y	0.7	Neblac DIP - 1,1/1,AVA, N,1/1 Goage from x-circle val (U3,7/87,015-14)A;8B>-dB Nobloo: ble U8,3/69,7015-14)A;8B>-dB Nobloo: ble U8,5/69,6016-16;16;Unit of to fog- 1,N/A,N/A,24,3 do-sage from (U3/09/2015-14)A;8B>-dB>	ssifiable/unassessa	Relatively close time association, signs are unexpected and other causes are possible.
NOBIVAC L4	UK-VMD-4014/14	United Kingdom	Animal	Canine/dog	4.31 Year(s)	29/08/2014	09/09/2014	1 1	0 29/1	> < Not Known,	 BR> also dep BR> (see	omiting,Emesis,Joint veiling,Lameness,Lethargy (see so Central nervous system pression in eurological'),Localised pain NOS ee other 'SOCs' for specific in),Pyrexia	Not Known	Emesis followed by the lethangy on the same day post vaccination. Treated with Zantac. Lameness, joint welling, spinal pain and pyrexia noted 2 days later. Revoevy 1 week later following unspecified treatment. Reporter states history of previous reaction but no details provided. Emesis one hour following vaccination administration. Lethangic, lappetanes, abnormal stance, refusance to move, lameness, joint effusion, joint pain and pyrexia within next 48 hours. Reaction lasting 4 days, assumed recovered.	English Cocker Spaniel	10.2	Nobivac DHP - 1,N/A,N/A,24,1 B - Pos dosage form/vial of each (25/08/2014-N/A): RBN-RBN-Nobivac KC - 1,N/A,N/A, 24,1 Dose (25/08/2014-N/A): RBN-RBN-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 dosage form/vial of each (25/08/2014-N/A): RBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-S	ssible	There is a time association and emesis an elethragy could be especified. Social be especified possible sensitivity/muruse mediated response to vaccination. No information pertaining to diagnostics performed.
NOBIVAC L4	UK-VMD-4014/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	28/07/2017	02/08/2017	1 1	1 28/1	> < Not Known,	 (see 'Sys dep	omiting, Death by thinassia, Circulatory collapse ea also 'Neurological' and systemic disorders' J. Lethargy (see so Central nervous system pression in 'Neurological')	Not Known	Lethargy, vomiting starting within 24 hours of treatment. Progressed to collapsed and died 4 days after vaccination. No provious exposure. Nothing further. Case reported to MAHO or 24, 2017 Suspected adverse reaction, vaccinated on 28 July 2017 were Nothward to the collection of th	r Crossbred	0.5	Nabiwa: DIP - 1.M/AJ/A, M/A The contents of one reconstitu (28,07/2017-M/A)-BBGBR Nabiwa: Lid Suspension for injection for Dogs-1,N/A,M/A, M/A, 1ml Unknown 1 Animal (28,07/2017-N/A)-BBGBR Panacur Small Animal 1305 Graf Suspension of Nab M/A,N/A, A/A, Unknown Unknown 1 Animal (28,07/2017-N/A)-BBGBR Panacur Small Animal 1305 Graf Suspension - N/A,N/A,N/A, A,4,Unknown Unknown 1 Animal (11/07/2017-31/07/2017)-BRBR-	ssible	Timing/jowns signs consistent with product related research. Collapse and death is not expected. Two products administered.
NOBIVAC L4	UK-VMD-4039/16	United Kingdom	Animal	Canine/dog	2.1 Month(s)	19/08/2016	22/08/2016	1 1	0 19/1		 <td>arrhoea, Haemorrhagic arrhoea, Emesis, Lethargy (see also entral nervous system depression 'Neurological')</td> <td>Not Known</td> <td>Suspected Adverse Reaction reported to Veterinary Medicines Directorate on 24 Aug 2016: First vaccination 8 week of Building pupp, Owners had for a few days. Naccinated with DPP and L4 subcutaneous. Bright and alert on first examination, doing really well at home. 1 hour after came back in as vomiting and adminea, very lethancy. Stepted in hospital for 2 days as was not obing well. Pink taged diarrhoea day after. Para on negative. Wormed 2 weeks ago with Panacur by breeder. No insussusception for or anything elso on investigation. Eventually recovered and went home two days later, Reported to MMH on 22 Aug 2016. Suspected Adverse Reaction Naccinated with Nobius CPH an Nobibac L4 on 19 Ago 2016. Presented Thou rater with womiting diarrhoea and lethange. On examination the puppy was very Ital. Bloods were taken and all normal. Vet gave Cerenia, zantac, Metronidazole and Proteins. 20 Aug 2016 Settlet in Self. Lat continued diarrhoea. Plavo snap test negative and continued lethangy. The dog was admitted and placed on intra venous fluid therapy. 21 Aug 2016. S90's resolved, for uter the darbnee, asting well and fright. The dog was sent home on Bantidine, Metronidazole, Protein and Gif bood. Nothing further expected.</td> <td>Bulldog :</td> <td>4.32</td> <td>Nobiac DIP - N/N/N/A/A/A N/A/First vaccination 8 weeks old, [19/08/2016- 19/08/2016- 19/08/2016- 19/08/2016- 19/08/2016- 10/0</td> <td>ssible</td> <td>Temporal association is string but clinical signs are not not listed on the SC-Another vaccine applied sime day. Product may be a factor and cannot be completely excluded.</td>	arrhoea, Haemorrhagic arrhoea, Emesis, Lethargy (see also entral nervous system depression 'Neurological')	Not Known	Suspected Adverse Reaction reported to Veterinary Medicines Directorate on 24 Aug 2016: First vaccination 8 week of Building pupp, Owners had for a few days. Naccinated with DPP and L4 subcutaneous. Bright and alert on first examination, doing really well at home. 1 hour after came back in as vomiting and adminea, very lethancy. Stepted in hospital for 2 days as was not obing well. Pink taged diarrhoea day after. Para on negative. Wormed 2 weeks ago with Panacur by breeder. No insussusception for or anything elso on investigation. Eventually recovered and went home two days later, Reported to MMH on 22 Aug 2016. Suspected Adverse Reaction Naccinated with Nobius CPH an Nobibac L4 on 19 Ago 2016. Presented Thou rater with womiting diarrhoea and lethange. On examination the puppy was very Ital. Bloods were taken and all normal. Vet gave Cerenia, zantac, Metronidazole and Proteins. 20 Aug 2016 Settlet in Self. Lat continued diarrhoea. Plavo snap test negative and continued lethangy. The dog was admitted and placed on intra venous fluid therapy. 21 Aug 2016. S90's resolved, for uter the darbnee, asting well and fright. The dog was sent home on Bantidine, Metronidazole, Protein and Gif bood. Nothing further expected.	Bulldog :	4.32	Nobiac DIP - N/N/N/A/A/A N/A/First vaccination 8 weeks old, [19/08/2016- 19/08/2016- 19/08/2016- 19/08/2016- 19/08/2016- 10/0	ssible	Temporal association is string but clinical signs are not not listed on the SC-Another vaccine applied sime day. Product may be a factor and cannot be completely excluded.
NOBIVAC L4	UK-VMD-4059/14	United Kingdom	Animal	Canine/dog	2 Month(s)	21/07/2014	09/09/2014	2 1	0 05/0		 BR> 	mp,Swelling NOS,Swollen lymph ide	Not Known	Swelling, enlarge lymph node 3 weeks after vaccination administration. Treated with antibiotics. Lump improved slightly after two days. Nothing further.	Cavalier King Charles Spaniel	Not Known	Nobivac DHP - 1,N/A,N/A, 24,1 Dose O - (21/07/2014-N/A) BC-Nobivac Unclas L4 Suspension for Injection for Dogs - ble 1,N/A,N/A, 24,2nd dose given on 18/8/14 (21/07/2014-N/A) 	ssifiable/unassessa	Possibly related to vaccination use, though long delay in time between administration and development of clinical signs. Not able to assign causality, insufficient information.
	UK-VMD-4061/16	United Kingdom	Animal	Canine/dog	2.35 Year(s)	21/07/2016	22/08/2016	1 1		> < Not Kn	 BR> 'Ne own a	thargy (see also Central nervous stem depression in eurological'),Weakness,Pyoderm	Not Known	Lethargy and weakness starting 48 hours post vaccination followed by pyoderma. Unspecified treatment given leading to recovery 6 days later.	Golden Retriever	37	constituted vial (21/07/2016- N/A) >GR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (21/07/2016- N/A) >BR>	nconclusive	Lethargy could be expected but pyoderma is not, other causes possible.
	UK-VMD-4070/16	United Kingdom	Animal	Canine/dog	5 Year(s)	20/07/2016	23/08/2016	1 1		> < Not Kn	 BR> ner own 'Ne	ding,Vocalisation,Pain OS,Lethargy (see also Central rvous system depression in eurological')	Not Known	Vocalisation as if in pain, especially when touched, lethargy and hiding behaviour 12 hours post vaccination. No treatment given, recovery 12 hours later.	Fox Terrier (Wire)	9.4	Nobivac DHP - 1,N/A,N/A,24,N/A B - Pos (20/07/2016-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (20/07/2016-N/A) <		Close time association, some of the signs could be expected but 2 products administered concurrently.
NOBIVAC L4	UK-VMD-4094/13	United Kingdom	Animal	Canine/dog	3 Month(s)	10/10/2013	05/12/2013	1 1	0 10/:	> < Not Known,	 BR> <br< td=""><td>etching,Cough,Respiratory comfort</td><td>Not Known</td><td>Cougling and retching within 30 minutes of vaccination, increased respiratory effort has been given the Vedra term dyspnoea</td><td>Crossbred</td><td>4.5</td><td>Nobiwa CHP - N/A/N/A/N/A, 1 8 - Pos Dose (10/10/2013 - N/A)-RBR-GBR-Nobiwa CK - 1, N/A-N/A, 24, 1 dosage form/wal - Standard (1 Second(s) 10/10/2013 - N/A)-RBR-BR-Nobiwa L4 Suspension for Injection for Dogs - N/A N/A-N/A, N/A-N/A (10/10/2013 - N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-</td><td>ssible</td><td></td></br<>	etching,Cough,Respiratory comfort	Not Known	Cougling and retching within 30 minutes of vaccination, increased respiratory effort has been given the Vedra term dyspnoea	Crossbred	4.5	Nobiwa CHP - N/A/N/A/N/A, 1 8 - Pos Dose (10/10/2013 - N/A)-RBR-GBR-Nobiwa CK - 1, N/A-N/A, 24, 1 dosage form/wal - Standard (1 Second(s) 10/10/2013 - N/A)-RBR-BR-Nobiwa L4 Suspension for Injection for Dogs - N/A N/A-N/A, N/A-N/A (10/10/2013 - N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-BR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-SBR-SBR-Nobiwa L4 N/A-SBR-Nobiwa L4 N/A-	ssible	

NOBIVAC L4	UK-VMD-4129/16	United Kingdom	Animal	Canine/dog	1.08 Year(s)	25/08/2016	25/08/2016	1 1	0 25/0	/2016 Not Known,
 <br< th=""><th></th><th>Not Known</th><th>After vac deg inside with door to garden, approx 6 hours after vaccination owner noticed becoming restless and that face starting to become soulen not seen to have chased/exten bee etc EAAR. EAR, 17-38.6, p-100, r-p-membes ab th byersemic, ERT-cls soulen around muzzle and eyes, hole selson ventrum groin, scrotum swollen and inflammed DIFFERENTIAL DIAGNOSIS: allergic reaction - insect blife/stings vs. access.</th><th>English Cocker Spaniel</th><th>13.95</th><th>Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (25/08/2016- 25/08/2016):BR>-&BR>Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A 10.1ml (25/08/2016-</th><th>B - Possible</th><th>Temporal association is strong and a hypersensitivity (anaphylaxis) reaction may have occurred, (mentioned on the SPC). However the dog went out in the garden after vaccination so other possible causes cannot be discarded.</th></br<></br 		Not Known	After vac deg inside with door to garden, approx 6 hours after vaccination owner noticed becoming restless and that face starting to become soulen not seen to have chased/exten bee etc EAAR. EAR, 17-38.6, p-100, r-p-membes ab th byersemic, ERT-cls soulen around muzzle and eyes, hole selson ventrum groin, scrotum swollen and inflammed DIFFERENTIAL DIAGNOSIS: allergic reaction - insect blife/stings vs. access.	English Cocker Spaniel	13.95	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (25/08/2016- 25/08/2016):BR>-&BR>Nobivac L4 Suspension for Injection for Dogs - 1.N/A,N/A 10.1ml (25/08/2016-	B - Possible	Temporal association is strong and a hypersensitivity (anaphylaxis) reaction may have occurred, (mentioned on the SPC). However the dog went out in the garden after vaccination so other possible causes cannot be discarded.
NOBIVAC L4	UK-VMD-4145/17	United Kingdom	Animal	Canine/dog	7.33 Year(s)	02/08/2017	08/08/2017	1 1	0 02/0	/2017 Not Known,
 Not Known</br 	Loose stool,Lethargy (see also CBR Central nervous system depression BR> in 'Neurological')	Not Known	Lethargic since administration and stools are soft. No previous reactions. Outcome unknown. Nothing further.	Golden Retriever	38	25/08/2016i:BR> Nobivac DHP - 1,N/A,N/A ,N/A,monodose (1 Year(s) 02/08/2017-N/A):BR>-BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (1 Year(s) 02/08/2017-N/A):BR>-SR>	B - Possible	Timing/signs consistent with product related reaction. Signs are non-specific. Two vaccines administered.
NOBIVAC L4	UK-VMD-4164/15	United Kingdom	Animal	Canine/dog	9.5 Year(s)	26/08/2015	21/09/2015	1 1	0 13/0	/2015 Yes	Injection site necrosis,Injection sit reaction NOS,Injection site lesion,Injection site scab	e No Data	injection site lesion/necrosis noted within 3 weeks of vaccination. Debrided and cleaned lesion. No previous reaction. Nothing further. The dog did undergo general anaesthesia 1 week post vaccination for a fractured to	Not Applicable	15.55	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (26/08/2015-N/A) 	A - Probable	Timing and clinical signs suggestive of vaccine related reaction.
NOBIVAC L4	UK-VMD-4184/16	United Kingdom	Animal	Canine/dog	1.17 Year(s)	23/08/2016	27/08/2016	1 1	. 0 23/0	/2016 Not Known,
 Not Known,
 Not Known</br </br 	BR>	Not Known	Multiple episodes of vomiting/uning approx. 40 min following vaccines. Distressed. Would not lie down. Possible abdominal pain. Recovered after aprox 4 hours. Had previous exposures with no reactions.	Crossbred		Nabbac DHP - N/AN/AN/A N/AStandard dose of each. DHP and Lifgwen separately. Nobivac sterile water diluent for DHP- (22/08/2016-N/48E-8B-Nobivac KC - N/AN/AN/A N/AN/A (23/08/2016-N/48E-8B-Nobivac Lif Suspension for Injection for Dogs N/AN/AN/A N/AN/A (23/08/2016- N/A)-BR>-BR>	O - Unclassifiable/unassessa ble	Temporal association is strong however emesis is not known to occur flowing administration and other vaccines were used concurrently.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	14.43 Year(s)	12/09/2014	15/09/2014	1 1	0 12/0	/2014 Not Known,
 <br Not Known</br </br 		Not Known e	VestBular syndrome, ataxia and nystagmus within 12 hours of treatment. Treated in hospital with IVF cerenia, dexadresson and improved over three days.	F, Weimaraner	24	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial (12/09/2014- N/A) -BR>Thyforon Flavoured 400 Microgram Tablets for Dogs - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	O - Unclassifiable/unassessa ble	Insufficient data to assign causality. Although a temporal relationship exists, vestBubar syndromes would be unexpected after vaccination administration. The dop is an older dog, it is possible geriatric vestBubar syndrome may affect an animal this age. Further diagnostics were not explored.
NOBIVAC L4	UK-VMD-4186/15	United Kingdom	Animal	Canine/dog	4.25 Year(s)	22/08/2015	22/09/2015	1 1	0 22/0	/2015 Not Known,
 <br Not Known</br </br 		Not Known	Hypersalivation and ataxis within a few hours post vaccination. Recovery within minutes with no treatment. Examination at the vet practice shortly after this found no abnormalities.	Lakeland Terrier	10.1	Nobivac KC - 1,N/A,N/A ,24,N/A (22/08/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A ,N/A,One vial (22/08/2015-N/A) 	B - Possible	Close time association, signs are unexpected, 2 products administered, possible type of hypersensitivity reaction.
NOBIVAC L4	UK-VMD-4186/16	United Kingdom	Animal	Canine/dog	3.83 Year(s)	10/08/2016	27/08/2016	1 1	0 18/0	/2016 Not Known,
 <br Not Known</br </br 		A Not Known	Conjunctivitis, emesis, diarrhoea, anorexia, adipsia and lethargy starting 8 days post vaccination. Unspecified treatment given including fluids and antibiotics, signs ongoing at time report received 10 days later.	Yorkshire Terrier	4	Nobivac DHP - 1,N/A,N/A 24/vaccination Booster (10/08/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,N/A (10/08/2016- N/A) 	O - Unclassifiable/unassessa ble	Not a close time association but product role cannot be ruled out:
NOBIVAC L4	UK-VMD-4209/16	United Kingdom	Animal	Canine/dog	2.23 Month(s)	23/08/2016	30/08/2016	2 1	. 0 28/0	/2016 Yes, <f R> BR> N Known</f 	Yes, abscess,Anorexia,Lethargy (see als BR>< Central nervous system depression	No Data	Injection site abscess, hyperthermia, anoresia and lethargy within 5 days of vaccination in 1/2. Abscess lanced and flushed; recovery within 2 days. No previous exposure, nothing further.	s Crossbred	1	Nobivac DHP - 1,N/A,N/A,10,1ml due to be repeated four weeks later (22/308/2016-N/A)-GBR-GBR-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,N/A (23/08/2016-N/A)-SBR-SPABACUT Granules 22.2% w/w - N/A,N/A,N/A,N/A,N/A,N/A-N/A)-GBR-CBR-	B - Possible	Injection site infection can occur in rare cases if bacteria introduced during act of injection.
NOBIVAC L4	UK-VMD-4210/16	United Kingdom	Animal	Canine/dog	5.3 Year(s)	14/07/2016	02/03/2017	3 3	1 14/0	/2016 Yes	Vomting,Ovarian cyst,Death by euthansia.Ancroia,Lethangy lee also Central nervous system depression in 'Neurological'], Intestinal disorder NGS,Intestinal stais,Ayastenia gravis,Dehydration,Eectrolyte disorder,Weight loss	No Data	Case received from Veterinary Medicines Directorate Suspected adverse neaction Lethangs, anoreais, weight loss, electrophe disorder, ovariant, ords starting within 1 hour of second vaccination on 14 July 2016 with Nobbac L4. Leading to death by exthansais 6 weeks later due to ongoing severe weight los full algapostics (Bloods, inagelig) revealed nothing but the ovarian oyst. To present our first vaccination. No further information available. Case received by Mah 14 Sep 2016. Suspected Adverse Reaction. On 14 Jul 2016, deep excinated with second does of Nobbac L4 (kinknown figher at room temperature). Same day, very lethangs and placean at uniformation but dog started womiting and losing weight. Presented and given an antienter. Reported a 4pr ones and dehydrated. Admitted and placed on intravenous fluid therapy. Diagnostics were performed but no abnormalities were detected other than an ovariant oyn. The dog continues to lose weight. An endoscopy was performed which found black sludge from undigested food and no peritatis in her intestines. A PEG futhe was placed and fed vis this. On 29th 2016, the dogs use enthansaed so in omprovement. No further information expected, Follow up 23 Sept 2016. Bloods were carried out prior to euthansais and results returned on 6 Sept 2018 and showed a positive time for Nayshaties discoved, Nothing further conformation values. A bright further sepected. Follow up 27 Natr 2017 - Reported in a newspaper article longth of the follow on 27 Mar 2017 - Reported in a newspaper article longth of the case 2016-10-00 and 2017-01-01-01-01-01-01-01-01-01-01-01-01-01-	Akita	34.1	Nobbac L4 Supervision for Injection for Togs: 1.1/A/N/A_24.1st inoculation 16/6/2016 2nd (14/07/2016-N/A)-BR>-SBR>	B - Possible	Lethargy, annexis, and therefore weight loss can occur following sectionation however is usually self limiting and recovery within 48 hours. It is unusual for the clinical signs to continue for 6 weeks.
NOBIVAC L4	UK-VMD-4212/14	United Kingdom	Animal	Canine/dog	3 Month(s)	02/09/2014	16/09/2014	1 1	0 02/0	/2014 Not Known	Hypothermia,Lethargy (see also Central nervous system depression in 'Neurological'),Depression,Pyrexia	Not Known	Depression, lethargy within 3 hours of administration. Pyrexia at home, hypothermia when seen by VS Treated supportively. Recovered the next day.	Toy Poodle	1.95	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,Given s-c vaccine second dose (02/09/2014- N/A) 	A - Probable	Pyrexia and lethargy can be seen after vaccination administration. Hypothermia is unexpected.
NOBIVAC L4	UK-VMD-4215/16	United Kingdom	Animal	Canine/dog	2 Month(s)		12/09/2016	1 1	0 30/0	/2016 Not Known,
>BR>>BR> Yes, >E R> >BF</br 	:BR> in R> <b 'neurological'),shaking,unrespons<="" td=""><td>No Data</td><td>Possible convolution, shaking, unresponsive to stimuli, lethargy within 6 hours of vaccination. No previous exposure. Outcome unknown.</td><td>Beagle</td><td>2.89</td><td>identification Chip - N/A,N/A,N/A N/A_1 Microbip implanted s-r (N/A,1 Microbip implanted s-r (N/A,N/A) RS-osbivac DHPPi, yophilisate and solvent for suspension for injection for dogs- N/A,N/A,N/A, N/A,1 ml (30/08/2016- N/A) KB-CBR-Noblwac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (N/A- N/A) RS- -</td><td>B - Possible</td><td>Close temporal association; possible product involvement</td>	No Data	Possible convolution, shaking, unresponsive to stimuli, lethargy within 6 hours of vaccination. No previous exposure. Outcome unknown.	Beagle	2.89	identification Chip - N/A,N/A,N/A N/A_1 Microbip implanted s-r (N/A,1 Microbip implanted s-r (N/A,N/A) RS-osbivac DHPPi, yophilisate and solvent for suspension for injection for dogs- N/A,N/A,N/A, N/A,1 ml (30/08/2016- N/A) KB-CBR-Noblwac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,1 ml (N/A- N/A) RS- -	B - Possible	Close temporal association; possible product involvement

NOBIVAC L4	UK-VMO-4221/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	10/08/2017	22/08/2017	1	0 10	> <b kno="" not=""><b kno="" not=""><b kno="" not=""><b kno="" not=""><b kno="" not=""><b kno="" not=""><b< th=""><th>t wm, <br sr=""/> <br t="" wm,<br=""/><br t="" wm,<br=""/> <br t="" wm,<br=""/><br t="" wm,<br=""/><br sr=""/> t t t t x x x x x x x x x x x x x x x</th><th>Facial swelling (see also Skin) Lintcana Jiching Breathing difficulty, Anaphylaxis</th><th>Not Known</th><th>Sudden and sever fiching, swelling of face, urticarial, breathing difficulty within 1 hour of treatment. No previous exposure. Recovery after 6 hours. Nothing further. MAH (Bayer) comment: Duration of reaction changed from 1 hour to 6 hours.</th><th>> French Buildog</th><th>4.45</th><th>Advocate Spot-on Solution for Medium Dogs - N/A,N/A,N/A N/A,N/A (1)06/270.7 - N/A,N/A,N/A (1)06/270.7 - N/A,N-BA-GR-ST-OROIC T ablets 50 mg - N/A,N/A,N/A,N/A,N/A (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-SR-NOblivac (1)0/GR-2017-N/A/-BRBR-SR-</th><th>B - Possible</th><th>Timing/signs consistent with product related reaction. Multiple products administered.</th></b<>	t wm, t t t t x x x x x x x x x x x x x x x	Facial swelling (see also Skin) Lintcana Jiching Breathing difficulty, Anaphylaxis	Not Known	Sudden and sever fiching, swelling of face, urticarial, breathing difficulty within 1 hour of treatment. No previous exposure. Recovery after 6 hours. Nothing further. MAH (Bayer) comment: Duration of reaction changed from 1 hour to 6 hours.	> French Buildog	4.45	Advocate Spot-on Solution for Medium Dogs - N/A,N/A,N/A N/A,N/A (1)06/270.7 - N/A,N/A,N/A (1)06/270.7 - N/A,N-BA-GR-ST-OROIC T ablets 50 mg - N/A,N/A,N/A,N/A,N/A (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-NOblivac (1)0/GR-2017-N/A/-BRBR-SR-NOblivac (1)0/GR-2017-N/A/-BRBR-SR-	B - Possible	Timing/signs consistent with product related reaction. Multiple products administered.
NOBIVAC L4	UK-VMD-4231/17	United Kingdom	Animal	Canine/dog	3.17 Year(s)	21/06/2017	11/08/2017	1	1 0 01	×8	t own, <br BR> >BR> t Known</br 	Injection site lump	Not Known	Smail, firm lump in between shoulder blades, (we assume at injection site) non painful, noticed approx 40 days after vaccination. Outcome unknown	Chihuahua	3.54	Nobivac DHP - 1,N/A,N/A ,10,1ml (21/06/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (21/06/2017- N/A) 	B - Possible	There is a not a strong temporal association between the administration of the product and the onset of the initial clinical signs, however the signs are suggestive of product involvement
NOBIVAC L4	UK-VMD-4232/16	United Kingdom	Animal	Canine/dog	1.17 Year(s)	30/08/2016	01/09/2016	1	1 0 30		, <b (SBR>Yes</b 	Injection site swelling,Reddening of the skin,Swollen face (see also 'Skin')	No Data	Swellen face, reidening of the skin as well as injection site swelling within 30 minutes of vaccination. Recovery within one hour following unspecified treatment. No previous reactions.	Shih Tzu	3.8	Nobivac DHP - 1,N/A,N/A,24,1 bottle of vac of DHP exp.03-2018 and 1 of L4 exp.:01-2019 (30/08/2016-N/A)<-8R>-Nobivac L4 Suspension for Injection for Dogs -1,N/A,N/A,24,N/A (30/08/2016- N/A)<-8R>>	B - Possible	Timing and clinical signs suggest vaccine involvement; two products used.
NOBIVAC L4	UK-VMD-4240/14	United Kingdom	Animal	Canine/dog	5.83 Year(s)	04/09/2014	17/09/2014	1	1 0 04	/09/2014 Not	t Known	Bradypnoea,Lethargy (see also Central nervous system depression in 'Neurological'),Generalised weakness	Not Known	Lethargy and bradynnoea within 2 hours of vaccination administration. Resolved after 24 hours without treatment. Nothing further.	Chihuahua	4.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form (04/09/2014-N/A) 	A - Probable	Lethargy is known to occur following vaccination, bradypnoea is unexpected however may is a component of the clinical presentation. Strong temporal association.
NOBIVAC L4	UK-VMI0-4260/17	United Kingdom	Animal	Canine/dog	8 Week(s)	28/07/2017	14/08/2017	9 :	1 1 09	> <b Not Kno ><b Not Kno ><b< td=""><td>t DWn, BR BRASBR>BR>BR>BR>BR>BR t DWn, BR BR>BR>BR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t Known</td><td>Diarrinoes Death, Tonic-clonic seizure, Fit</td><td>Not Known</td><td>Puppy was vaccinated on 28/07 and had been fit and well according to breeder. Went to new home on the evening of the 8th August, settled well no crying. Awoes 4.5 am the morning of the 9th August having had serious diarrhoea and fitting. Full tonic/clonic cluster selaures. He was taken to her west inwediately who seaded whin for the day to see if this would help, they left his nestated over night with the intention of waking him the following morning. Controlled with propofol infusion initially but the puppy died unity the night due to continuous fitting (promut 21 bouns steet). If on the bleeve this puppy had any underlying problems as for 9 weeks he had been a happy, healthy puppy with no reason for concern. I can only conclude that this poor puppy has had a erious reaction to the legot of vaccine. If only one of the case of the cas</td><td>Crossbred</td><td>2</td><td>Frontline Spray 0.25% w/s Cutaneous Spray Solution - N/AN/AN/A M/AN/A (28/07/2017- N/A)RB-CaB-N/BORD 2.5 mg/57 mg Film-coated Tablets for Small Dogs and Pupples - N/AN/AN/A, N/A/M, (28/07/2017-N/A)-RB-CaB-Noblova CDP - N/AN/AN/A A/A/A/A (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOV</td><td>O1 - Inconclusive</td><td>Whist datrhoes can be expected following vaccination, selevan offits are not expected, and temporal relation is not strong [22 days]. Product involvement cannot be excluded, nowever further information would be necessary to exclude some possible prevessing elegistic condition. Morrower, 4 products were administered concurrently.</td></b<></b </b 	t DWn, BR BRASBR>BR>BR>BR>BR>BR t DWn, BR BR>BR>BR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t DWn,SBR>BR t Known	Diarrinoes Death, Tonic-clonic seizure, Fit	Not Known	Puppy was vaccinated on 28/07 and had been fit and well according to breeder. Went to new home on the evening of the 8th August, settled well no crying. Awoes 4.5 am the morning of the 9th August having had serious diarrhoea and fitting. Full tonic/clonic cluster selaures. He was taken to her west inwediately who seaded whin for the day to see if this would help, they left his nestated over night with the intention of waking him the following morning. Controlled with propofol infusion initially but the puppy died unity the night due to continuous fitting (promut 21 bouns steet). If on the bleeve this puppy had any underlying problems as for 9 weeks he had been a happy, healthy puppy with no reason for concern. I can only conclude that this poor puppy has had a erious reaction to the legot of vaccine. If only one of the case of the cas	Crossbred	2	Frontline Spray 0.25% w/s Cutaneous Spray Solution - N/AN/AN/A M/AN/A (28/07/2017- N/A)RB-CaB-N/BORD 2.5 mg/57 mg Film-coated Tablets for Small Dogs and Pupples - N/AN/AN/A, N/A/M, (28/07/2017-N/A)-RB-CaB-Noblova CDP - N/AN/AN/A A/A/A/A (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-N/A)-RB-CaB-Noblova LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA LS (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOVA (28/07/2017-RB-CAB-NOBLOVA)-RB-CAB-NOBLOV	O1 - Inconclusive	Whist datrhoes can be expected following vaccination, selevan offits are not expected, and temporal relation is not strong [22 days]. Product involvement cannot be excluded, nowever further information would be necessary to exclude some possible prevessing elegistic condition. Morrower, 4 products were administered concurrently.
NOBIVAC L4	UK-VMD-4270/17	United Kingdom	Animal	Canine/dog	10.5 Year(s)	09/07/2016	29/08/2017	1	1 0 28	/07/2017 Not	t Known	Lack of efficacy	Not Known	Positive case of leptospirosis confirmed by PCR in a fully accinated dog. Leptospirosis culture positive, acute renal failure. Reaction date 28/07/2017 and ast time vaccinated with L4 was 11/08/2017 and 09/07/2017. And elem-vaccinated amountally using Noblace UNPP/PI & L2 since 2010, started with 2 injections of 14 in 2014. Outcome unknown. 69/17 NCA update: the extual vaccination actives for Noblace L4 were 21/jections given 5/4 ewests part 11/6/16 and 97/716. An 2017 as entered above.	, Border Collie	25	Nobivac L4 Suspension for Injection for Dogs - 1,1,4 Weeks,N/A,given 2 injections s/c 4 weeks apart (09/07/2016-09/07/2016) 	B - Possible	The dog has been vaccinated correctly with 4 strains of Lepto. Leptospirosis confirmed by PCR, therefore a lack of efficacy is possible, however unknown which serovar involved and reaction start date appears beyond duration of immunity.
NOBIVAC L4	UK-VMD-4277/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	24/09/2015	28/09/2015	1	0 26	/09/2015 Not	t Known	Periorbital oedema,Oedema of the extremities (see also other SOCs for most applicable oedema),Oedema NOS (see other SOCs for specific oedemas)	Not Known	Dedema of the nictitating membrane, periorbital oedema and oedema of the extremitles starting 2 days post Nobbac L4 treatment. Outcome unknown but signs persisted for at least 2 days. An unknown treatment was administered. No further information is expected.	English Springer Spaniel	23.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,Second dose of Lepto 4 given (24/09/2015- N/A) 	O - Unclassifiable/unassessa ble	Onset is delayed and no information regarding other causes: insufficient information for assessment.
NOBIVAC L4	UK-VMD-4284/17	United Kingdom	Animal	Canine/dog	3.01 Year(s)	09/08/2017	21/08/2017	1	1 0 09	> <b< td=""><td>t own, <br BR> t Known</br </td><td>Lateral recumbency,Glazed eye,Walking difficulty,Abnormal breathing</td><td>Not Known</td><td>Less than 1 hours after vaccination my dog could not walk, only crawl. His eyes glazed over, his preathing changed, the ended up on his side. Reaction lasted 30 minutes but the has happened 5 times since the injection and on a daily basis. Outcome unknown. Vet practice confirmed by phone that dog was given Nobivac DHP and Nobivac L4 on the same day of 09/08/17.</td><td>French Bulldog s</td><td>12</td><td>Nobivac DHP - 1,N/A,N/A,N/A,N/A, (09/08/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (09/08/2017- N/A) </td><td>B - Possible</td><td>Signs are not expected, but temporal association is strong. The vaccine may have unmasked some pre- existing condition or it may well be a slightly atypical hypersensithity reaction. Product involvement cannot be excluded</td></b<>	t own, <br BR> t Known</br 	Lateral recumbency,Glazed eye,Walking difficulty,Abnormal breathing	Not Known	Less than 1 hours after vaccination my dog could not walk, only crawl. His eyes glazed over, his preathing changed, the ended up on his side. Reaction lasted 30 minutes but the has happened 5 times since the injection and on a daily basis. Outcome unknown. Vet practice confirmed by phone that dog was given Nobivac DHP and Nobivac L4 on the same day of 09/08/17.	French Bulldog s	12	Nobivac DHP - 1,N/A,N/A,N/A,N/A, (09/08/2017-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (09/08/2017- N/A) 	B - Possible	Signs are not expected, but temporal association is strong. The vaccine may have unmasked some pre- existing condition or it may well be a slightly atypical hypersensithity reaction. Product involvement cannot be excluded
NOBIVAC L4	UK-VMD-4298/17	United Kingdom	Animal	Canine/dog	1.27 Year(s)	15/08/2017	16/08/2017	1 :	0 15	> <b< td=""><td>t own, <br BR> t Known</br </td><td>Panting_Disorientation_Sleepiness - systemic disorder_Unsteady gait_Vomiting_Eye disorder NOS (for photophobia see 'neurological')</td><td>Not Known</td><td>Vomiting, disorientation, eyes flickering, panting, sleeping a lot, un-steady on legs within 1 hour of vaccination. No previous reactions, Outcome unknown. Nothing further:</td><td>French Bulldog</td><td>12.3</td><td>Nobivac DHPPi, Lyophillisate for Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (15/08/2017- N/A) BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (15/08/2017- N/A) <</td><td>B - Possible</td><td>Timing/signs consistent with possible product related reaction. Two vaccines administered.</td></b<>	t own, <br BR> t Known</br 	Panting_Disorientation_Sleepiness - systemic disorder_Unsteady gait_Vomiting_Eye disorder NOS (for photophobia see 'neurological')	Not Known	Vomiting, disorientation, eyes flickering, panting, sleeping a lot, un-steady on legs within 1 hour of vaccination. No previous reactions, Outcome unknown. Nothing further:	French Bulldog	12.3	Nobivac DHPPi, Lyophillisate for Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (15/08/2017- N/A) BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (15/08/2017- N/A) <	B - Possible	Timing/signs consistent with possible product related reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-4302/15	United Kingdom	Animal	Canine/dog	4.17 Year(s)	29/09/2015	30/09/2015	2	1 0 29	Not Kno	t own, > t own, > E own, BR> t Known	Cough	Not Known	Coughing less than 12 hours post vaccination with Nobivac KC, DHP and L4 penisting for at least 12 hours. Outcome unknown, no treatment given.	Cairn Terrier	8.7	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (29/09/2015- N/A)&RR8RR-Nobivac KC - 1,N/A,N/A,N/A,Single dose (29/09/2015-N/A)-BRR-Nobivac LS Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (29/09/2015- N/A)-BR>- -	N - Unlikely	Signs are not expected, especially at this short onset time and other more plausible causes exist. Respiratory manifestations of hypersensitivity reactions are not expected in this species.
NOBIVAC L4		United Kingdom	Animal		3.3 Year(s)	05/11/2015	02/11/2016	1		> <b Not</b 	t own, <br BR> <kr> t Known</kr></br 	Abdominal mass, Urine abnormalities NOS, Malaise, Lethargy (see also Central nervous system depression in 'Neurological'), Death, Renal disorder NOS, Polydipsia, Lymphoma, Abdomi nal pain	Not Known	Addominal pain and leichary J. weeks post section(los. No abnormalities noted on examination Forther makes over the eart month. Polygipsia and trop go melting urine noted aim; get next normal followed by further abdominal pain. Addominal mass noted on examination. TMA and biopy showed ymphomo. Demotracy was started but the dig deteriorate and died within 12 days of the start of chemotherapy within 4 months of vaccination. I. a primary renal tumour was confirmed. Follow up: Case reported to MAH or 3 Nov 2015. Limited information, uncertained on \$10 x015 with holbest, Lithen in Feb 2016 was diagnosed with renal lymphoma and had a poor response to treatment and died (date unknown) No more information expected. Client also has another dog that was vaccinated in Nov 2015 and showed an adverse reaction (see case 2016-UK-05484)	English Springer Spaniel f		Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dgs - 1,1/N,N/A, 24,1 Dose (05/11/2015-N/A)c8R-RR-Nobivac LS suspension for injection for Dogs 1,N/AN/A, 24,1 Dose (05/11/2015-N/A)cBR-GBR	N - Unlikely	NCA agrees with the MAH assessment.
NOBIVAC L4	UK-VMD-4313/15	United Kingdom	Animal	Canine/dog	4.33 Year(s)	29/08/2015	30/09/2015	1	1 0 30	> <b< td=""><td>t own, <br BR> t Known</br </td><td>Injection site alopecia, Injection site scab, Injection site dermatitis</td><td>Not Known</td><td>Injection site dermatitis 48 hours post vaccination leading to injection site scab and injection site alopecia. Recovery 2 days later apart from alopecia. No treatment given.</td><td>German Short- haired Pointing Dog</td><td>30.8</td><td>Nobivac DHP - 1,N/A,N/A, N/A,One vial of reconstituted Nobivac DHP/L4 vaccination given sub-cutaneously cranial to shoulderblades (28/08/2015-N/A)4BR-ABR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,N/A,N/A,0/29/08/2015-N/A)4BR-ABR-</td><td>B - Possible</td><td>Close time and anatomical association but 2 products administered concurrently.</td></b<>	t own, <br BR> t Known</br 	Injection site alopecia, Injection site scab, Injection site dermatitis	Not Known	Injection site dermatitis 48 hours post vaccination leading to injection site scab and injection site alopecia. Recovery 2 days later apart from alopecia. No treatment given.	German Short- haired Pointing Dog	30.8	Nobivac DHP - 1,N/A,N/A, N/A,One vial of reconstituted Nobivac DHP/L4 vaccination given sub-cutaneously cranial to shoulderblades (28/08/2015-N/A)4BR-ABR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A,N/A,N/A,0/29/08/2015-N/A)4BR-ABR-	B - Possible	Close time and anatomical association but 2 products administered concurrently.

NOBIVAC L4	UK-VMD-4316/14	United Kingdom	Animal	Canine/dog	3.26 Month(s)	18/09/2014	23/09/2014	1 1	0 20/09/2	D14 Not Known, E >BR>BR>BNot Known, E >BR>E Not Known, E >BR>E Not Known	Haemorrhagic R diarrhoea,Emesis,Inappetence,Pyre > xia,Dehydration,Diarrhoea R	Not Known	Emesis, diarrhoea, haemorrhage; diarrhoea, inappetance, pyexis, dehydration 2 days following vaccination, same days a spplication of Advocate. Treated with IVFT. Assumed recovered given reaction duration of 3 days.	Crossbred	3	Advocate Spot-on Solution for Small Dogs - J.N/A.N/A. N/A.One full pipette (20/09/2014 - N/A)-BRD-6RP-Nobivac DHP - 1.N/A.N/A.24, 1 Dose (18/09/2014- N/A)-GRD-6RP-Nobivac L4 Suspension for Injection for Dogs - 1.N/A.N/A.24, 1 Dose (18/09/2014- N/A)-GRD-6RP-0RP-0RP-0RP-0RP-0RP-0RP-0RP-0RP-0RP-0	O1 - Inconclusive	48 hours after product administration. GIT signs (including anorexia) and pyrexia may be seen following vaccination administration. Two vaccinations used.
NOBIVAC L4	UK-VMD-4316/17	United Kingdom	Animal (Canine/dog	2.17 Year(s)	14/08/2017	16/08/2017	1 1	0 14/08/2	017 Not Known, E > <bi Not Known</bi 		Not Known	Dog vaccinated on 14/08/17 with DHP and L4 at 10:30am. Lethargy noted at 11pm. Examination 10at 15/08/17: pyrexia (T - 39:9), mild dehydration and lethargic. Reaction duration one day	m English Cocker Spaniel	13	N/A/sing-case) N/A/sing-case) Nobivac DHP - 1,N/A,N/A,10,1ml vaccine administered by used to reconstitute powder in DHP vacc) (14/08/2017- N/A/sBR>-8BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A J0,N/A (14/08/2017- 1/A/ABR>-BR- //A/BBR-SBR- //A/BBR- //A/BBR-SBR- //A/BBR- //A/BB	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-4317/15	United Kingdom	Animal (1.21 Year(s)		01/10/2015	1 1		D15 Not Known, E >BR>BR>BR Not Known	Anorexia,Pyrexia R >>	Not Known	Anorexis and pyrexis starting within 12 hours post vaccination. Unspecified treatment given, still ongoing 3 days later when report submitted. Owner stated a new batch of dog food was started concurrently.	Border Collie		Nobivac DHP - 1,N/A,N/A, 24,1 VACCINE (28/09/2015- N/A/BR> Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,1 vaccine (28/09/2015-N/A) >BR>	B - Possible	Close time association and known adverse effects, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-4320/16	United Kingdom	Animal (Canine/dog	3 Month(s)	08/08/2016	17/09/2016	1 1	0 09/08/2	916 Yes, R> R> R> R> R> R> R> R> R> R> R> R> R> R> R> R	·B Diarrhoea ·s	No Data	Severe diarrhoea within 24 hours of vaccination and advocate administration. Recovery within one day. No previous reaction. No further information	Staffordshire Bull Terrier	7.3	Advocate Spot-on Solution for Small Dogs - 1.N/A.N/A, 24.N/A (08/08/2016-N/A) -ABR>-Nobivac L4 Suspension for Injection for Dogs - N/A.N/A.N/A.N/A.N/A (08/08/2016- N/A) -ABR>-	B - Possible	Diarrhoea can occur following administration. Two products given.
	UK-VMD-4323/16	United Kingdom	Animal (Canine/dog	2.5 Year(s)	16/08/2016	05/09/2016	1 1	0 17/08/2	R> Ye	B Pale mucous s membrane, Diarrhoea, Bloody diarrhoea, Vorniting, Adipsia, Anorex a, Elevated temperature, Glazed eye	No Data	Emetis, anoresis, adjusis, dismhoea, hyperthermis, haemorrhagic diarrhoea, pale mucous membranes within 2-48 hours of vaccination. Treated with IVPT, antiblicis. 3 days later had glazed eye. Haemorrhagic diarrhoea lasted 8 days at which point recovered. No previous reaction. No further information	Collie Rough	19	Nobivac DHP - N/A,N/A,N/A N/A,N/A (16/08/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A (16/08/2016- N/A) 	B - Possible	Close temporal association. The progression and worsening of the clinical signs is unusual however still possible
	UK-VMD-4324/15	United Kingdom	Animal		6.52 Year(s)		01/10/2015	1 1		015 Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Abnormal posture NOS,Injection site stiffness,Shaking,Injection site pain.Vocalisation	Known	Vocalsation, shaking, abnormal posture (hunched back), lethargo, injection site pain and injection site stiffness (univalies of fice or setend ends) immediately after vacination and persisting for at least 1 day. Treatment with Metacam, outcome unknown. No further information expected.	Toy Poodle		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial of vaccine administered (1 Day(s) 30/09/2015-N/A) 	A - Probable	Clinical signs and onset are consistent with a probable product reaction.
NOBIVAC L4	UK-VMD-4326/17	United Kingdom	Animal	Canine/dog	2 Month(s)	08/08/2017	21/08/2017	1 1	0 11/08/2	Not Known, E > BR>SBR>SB Not Known, E > KBR>SB Not Known, E > KBR>SB Not Known	Injection site abscess >> R	Not Known	Abscess at injection site three days after concurrent administration of Nobivac L4, nobivac DHP and KC, Still being treated.	Labrador Retriever	7.5	\$\text{NoNuc OHP - 1,M/A,M/A, m}\ Unknown 1 Animal (08/08/2017- 08/08/2017-\text{SR-NeNbowa KC - N/A,N/A,N/A, M/A,0.4 m}\ Unknown 1 Animal (08/08/2017- 08/08/2017\c8R-\c8R-Nobwac L4 \$Suspension for injection for Dogs- 1,N/A,N/A, M/A,1 ml Unknown 1 Animal (08/08/2017- 08/08/2017\c8R-\c8R-\c8R-\c8R-\c8R-\c8R-\c8R-\c8R-	B - Possible	Timing/clinical signs suggest product involvement. Three products administered concurrently
NOBIVAC L4	UK-VMD-4327/17	United Kingdom	Animal (Canine/dog	4 Year(s)	15/08/2017	21/08/2017	1 1	0 16/08/2	Known, <e< td=""><td>Injection site swelling Injection site R pain, Fewer, Inappetence, Lethargy See also Central nervous system depression in 'Neurological'), Neutrophilla</td><td>Not Known</td><td>Subcutaneous swelling, pain (we assume injection site), fever, inappetence and lethargy 24 hours after vaccination. Haematology showed mild neutrophila, biochemistry NSF. Treated with meloxicam and amoucles. Injection site swelling increased 3 days post orset. No further information.</td><td>Crossbred</td><td>11</td><td>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,As recommeded by manufacturer-(15/08/2017-15/08/2</td><td>B - Possible</td><td>Timing/clinical signs suggest product involvement. Two products administered</td></e<>	Injection site swelling Injection site R pain, Fewer, Inappetence, Lethargy See also Central nervous system depression in 'Neurological'), Neutrophilla	Not Known	Subcutaneous swelling, pain (we assume injection site), fever, inappetence and lethargy 24 hours after vaccination. Haematology showed mild neutrophila, biochemistry NSF. Treated with meloxicam and amoucles. Injection site swelling increased 3 days post orset. No further information.	Crossbred	11	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,As recommeded by manufacturer-(15/08/2017-15/08/2	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-4334/17	United Kingdom	Animal (ŕ	2 Month(s)	26/07/2017	22/08/2017	1 1	0 03/08/2	Known, Known, Known Not Known	i> 'Neurological'),Trembling,Knuckling	Not Known	Vaccinated on 26/07/17 with Nobwe CPIP and L4 - a half dose of each vaccine was given as recommended by the breder. The nepor states treatment out was intravenue but it has been assumed that this was an error on entering this data. On 3/08/17 - eight days after vaccination the do was trembling, bruckling and lethargic. No information is given on treatment but the reaction duration was 2 days.		Not Known	Nobiwac DHP - 5,N/A,N/A, 24,Given half dose as recommend breeder. (30 Second(s) 26/07/2017-26/07/2017)-BRBR-Nobiwac L4 Suspension for injection for Dogs-5,N/A,N/A, 24,Given half dose as recommend breeder. (26/07/2017-N/AL-BRBR-)	O1 - Inconclusive	Non specific clinical signs and weak temporal association but cannot exclude a drug related adverse event.
	UK-VMD-4335/15	United Kingdom	Animal	Canine/dog	1.21 Year(s)	29/09/2015	01/10/2015	1 1	0 29/09/2	Known, <e > <bi Not Known</bi </e 	Trembling,Panting R I>	Not Known	Tachypnoea and muscle tremors starting within 6 hours post vaccination. Recovery 6 hours later with no treatment given.			Nobivac DHP - 1,N/A,N/A,24,N/A (29/09/2015-N/A) https://doi.org/10.15 L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (29/09/2015- N/A) 	B - Possible	Close time association, 2 products administered.
	UK-VMD-4347/16	United Kingdom	Animal		4.68 Month(s)	05/07/2016	06/09/2016	2 1		R> Yı	B Injection site abscess	No Data	Injection site abscess within 7 days of second vaccination in 1/2. Recovery within 14 days following unspecified treatment. No previous reaction, nothing further.	Basset Hound	14.65	Nobiwa ChiPPI, Iyophilisate and solvent for suspension for injection for dogs: 1,1,1 Months,2,4,M/a [1 Months] (95/07/2016-N)/N/aBTo-8R-Nobiwa c.l. Suspension for injection for Dogs-1,1,1 Months,2,4 Primary and second vaccinations given 4 weeks apart. Reaction to second vaccination. (1 Months) (95/07/2016-N/a)/kBTo-GBTO-N/a)/kBTo-GBTO-N/a/kBTO-MA/A/kBTO-GBTO-N/a/k	B - Possible	Injection alte abscess can occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-4350/16	United Kingdom	Animal (Canine/dog	3.6 Month(s)	25/08/2016	16/09/2016	1 1	0 01/09/2	Known, <e< td=""><td>Wheezing Cough, Lethargy (see also R Central nervous system depression)- in 'Neurological'], Not eating B</td><td>Not Known</td><td>Wheeling, cough, ancrexis and fethargy starting within 7 days of vaccination. Recovery within one week following unspecified treatment. No previous exposure, nothing further:</td><td>Bichon Frise</td><td>2.5</td><td>Nobivac DHP - N/A,N/A,N/A,N/A,1 ml 1 Animal (25/08/2016 N/A)-GR9GR9-Nobivac KC - -4,N/A,N/A,10,0.4ml administered yearly (25/08/2016 N/A,N/A,RP-SR9-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml 1 Animal 12/5/08/2016-NJA-GRPGRP</td><td>O1 - Inconclusive</td><td>NCA agrees with the MAH assessment.</td></e<>	Wheezing Cough, Lethargy (see also R Central nervous system depression)- in 'Neurological'], Not eating B	Not Known	Wheeling, cough, ancrexis and fethargy starting within 7 days of vaccination. Recovery within one week following unspecified treatment. No previous exposure, nothing further:	Bichon Frise	2.5	Nobivac DHP - N/A,N/A,N/A,N/A,1 ml 1 Animal (25/08/2016 N/A)-GR9GR9-Nobivac KC - -4,N/A,N/A,10,0.4ml administered yearly (25/08/2016 N/A,N/A,RP-SR9-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml 1 Animal 12/5/08/2016-NJA-GRPGRP	O1 - Inconclusive	NCA agrees with the MAH assessment.

NOBIVAC L4	UK-VMD-4356/16	United Kingdom	Animal	Canine/dog	6.33 Year(s)	12/08/2016	06/09/2016	1 1	0 30/08/	2016 Yes, R> Y	CB Injection site swelling	No Data	Injection site swelling within 3 weeks of vaccination. Has had similar reaction previous to Lepto component of vaccine. No treatment given, outcome unknown, no further information	Crossbred	30.7	7 Nobivac DHP - N/A,N/A,N/A,N/A,as per data sheet (12/08/2016- N/A)-BR- Nobivac L4 suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (12/08/2016- N/A)-BR> 	B - Possible	CLinical signs known to occur following vaccination. Two products used though perhaps more likely to be the lepto component seeing as had similar reaction previously
NOBIVAC L4	UK-VMO-4368/16	United Kingdom	Animal	Canine/dog	7.5 Year(s)		07/09/2016	1 1	0 02/08/	Not Known, GR>-d > -GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-GBR>-G	 in 'Neurological'), Sneezing B ot R 	Not Known	Lethargy, anorexia, cough, sneezing starting within 6 hours of vaccination. Clinical signs have continue for over a month. Starting antibiotics. No previous exposure. No further information.	d Old English Sheepdog	37.€	Indication 400 mg + 100 mg 500-ton Solution for Earth-Jurge Dogs - 1,11 Moonts, N/A/N/A (N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-	No assessment performed	
NOBIVAC L4	UK-VMD-4380/17	United Kingdom	Animal	Canine/dog	19.83 Year(s)	18/08/2017	19/08/2017	1 1	0 18/08/	2017 Not Known	Lethargy (see also Central nervous system depression in 'Neurological'), Vomiting	Not Known	Make netweed, 19 year 10 month old border terrier cross presented for routine vaccination. Otherwish healthy and on no other medications agant from a joint suppement for osteachitists. Had had the primary course of the Canigen version of the L4 vaccine administered the year before with no adverse effects. The brand that the dog was given on he 18th Aug 2017 was Nobbect. The morting after, the conver phoned into report that the evening after the vaccination the dog was very lethargic, vomited multiple times and be had thought her almost 20 year old downs 2 rojent to decide "See reported that a the current time the dog seemed to be much better, and declined to come in for a check up.	e Crossbred	10	D Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 vial once only, (18/08/2017- N/A)<-BR><-BR>	A - Probable	Timing/clinical signs suggest product involvement.
NOBIVAC L4	UK-VMD-4385/16	United Kingdom	Animal	Canine/dog	8 Year(s)	01/09/2016	07/09/2016	1 1	0 01/09/	X016 Not Known, <e > <b Not Known</b </e 		Not Known	Lethargy and anorexia starting within 6 hours post vaccination. No treatment given, recovery 24 hours later.	s Staffordshire Bull Terrier	18	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,standard 1 dose of each vaccine (01/09/2016- N/A)-BR>-8R>Nobivac Pi- 1,N/A,N/A, 24,N/A (01/09/2016- N/A)-BR>-BR>-	B - Possible	Close time association, known adverse effects but 2 products administered concurrently.
NOBIVAC L4	UK-VMI0-4391/16	United Kingdom	Animal	Canine/dog	10.33 Year(s)	11/07/2016	21/09/2016	1 1	0 08/08/	Not Known, SR>-6 Not Known Not Known	R	Not Known	Diarrhoes starting within 24 hours post application, lasting for 7 days. No treatment given. This occurred on two separate occasions. The dog was on concurrent treatment with Urilin, Miliquantel an vaccinations 1 month prior to this.	d Crossbred	22.6	Advances Spot-on-Solution for Large Oogs - 1.1.1 Months, NA/One pipette applied to the back of the neck. Two does applied with a month duration in between. IOS/ORS/2015-IN/A+IBS-CBR-Miliquantel 12.5 mg/12.5 mg Tables for Dogs Weighing at Least 5 kg - 1.M/A,N/A N/A,N/A N	No assessment performed	
NOBIVAC L4	UK-VMD-4393/16	United Kingdom	Animal	Canine/dog	8 Year(s)	22/08/2016	19/09/2016	1 1	0 25/08/	X016 Not Known, SBR>BR>B Not Known, SBR>BR>B Not Known, Not Known	R R	Not Known	Unlateral wells of the right eye 3 days post vaccination. Unspecified treatment given, sign was ongoing 2 weeks later, outcome unknown.	Beagle	19.5	S Nobinac KC - 1,N/A,N/A, 24,1 Dose 1 Animal (2/20/8/2016 N/A)cRs-Ren-Nobinac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,single vall (2/20/8/2016 N/A)cBs-cBR-Supplement (unauthorised VP] - N/A,N/A,N/A N/A,N/A,N/A/SBR-SBP>	O - Unclassifiable/unassessa ble	Close time association but signs are unexpected, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-4405/17	United Kingdom	Animal	Canine/dog	4.33 Year(s)	25/07/2017	21/08/2017	1 1	0 03/08/	2017 Not Known	Localised skin reaction,Poor coat condition,Smell disorder NOS	Not Known	Flare up of yeast like smell and browning of the fur around the eyes, mouth and lips, feet and around who 9 days after vaccination with Nobbrac L4. Reaction duration 5 days	Crossbred	11.95	SNOWN INVESTIGATION OF INJection for Dogs - 1,N/A,N/A ,10,Standard 1ml single dose administered as per guidelines a year from previous vaccination. (25/07/2017-N/Al>RR>	N - Unlikely	9 days is not a strong temporal relation and signs are unexpected. Product involvement is unlikely and some preexisting condition is more likely to explain the signs
	UK-VMD-4409/17	United Kingdom	Animal	,,,,	3.2 Month(s)		24/08/2017	1 1	0 18/08/	Known, ti >BR>BR>CB Not Known	A>	t Not Known	Vomiting diarrhoea pyrexia inappetence 4 days after vaccination with Niobivac L4 and DHP. Treated with antiblosis, manopitant and problobts - recovered after two days	Crossbred	6.35	Nobivac DHP - 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (14/08/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,inj vial of L4, 4 weeks after (14/08/2017- N/A) 	O1 - Inconclusive	NCA agrees with MAH assessment.
NOBIVAC L4	UK-VMD-4412/15	United Kingdom	Animal	Canine/dog	10 Week(s)	16/09/2015	06/10/2015	1 1	0 02/10/	2015 Not Known, <e > <b Not Known</b </e 	Injection site lump R >>	Not Known	Injection site lump approximately 2.5 weeks post vaccination and microchip implantation. Outcome unknown. No further information expected.	Labrador Retriever	5.5	S Nobivac DHP - 1,N/A,N/A ,10,single use (16/09/2015- N/A)&R> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (16/09/2015- N/A)&RS> 	B - Possible	Clinical signs are consistent with possible product involvement however a microchip and another vaccine were used concurrently.
	UK-VMD-4424/16	United Kingdom	Animal		11.33 Year(s)	01/09/2016	08/09/2016	1 1		2016 Not Known, <br×e ×BR×BR><b Not Known</b </br×e 	depression in 'Neurological'),Pyrexia	Not Known	Injection site swelling noted within 24 hours post vaccination. Anoresia and letharge noted 2 days late and pyrexia noted on examination. Unknown treatment given, outcome unknown.		6.7	7 Nobivac DHP - 1,N/A,N/A, 24,DHP and Lepto 4 given together in single subcutaneous injection. (IO1/09/2016-N/A)-BR>-CRN-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,N/A (01/09/2016-N/A)-BR>-GR	B - Possible	Signs could be expected and close time and anatomical association.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	10 Year(s)	16/08/2017	22/08/2017	1 1	0 16/08/		Vomiting,Lethargy (see also Centra nervous system depression in 'Neurological'),Anorexia	Not Known	Lethargy, vomiting, anorexia within 1 hour of vaccination. No previous exposure. Recovery after 2 days. Nothing further.	Crossbred	20	D Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (16/08/2017-N/A) 	B - Possible	Timing/signs consistent with product related reaction.
NOBIVAC L4	UK-VMD-4432/15	United Kingdom	Animal	Canine/dog	10 Week(s)	04/06/2015	07/10/2015	1 1	1 15/08/	2015 Not Known	Weight loss,Anorexia,Septicaemia,Death b euthanasia	Not y Known	Weight loss and anorexia starting about 2 months post vaccination (exact date unknown) leading to septicaemia and euthanssia. The litter mate to this dog developed masticatory myositis (exact details unknown, also unknown if also vaccinated or not).	Crossbred	Not Known	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (04/06/2015-N/A) 	O - Unclassifiable/unassessa ble	Very limited information available, but product role cannot be ruled out.

NOBIVAC L4	UK-VMD-4434/14	United Kingdom	Animal	Canine/dog	3.17 Year(s)	28/08/2014	30/09/2014	1 1	0 28/08/201	Not Known	Muscle stiffness,Lethargy (see also Central nervous system depression in 'Neurological'),Dehydration	Not Known	Lethargy, within 12 hours following 1st dose administration. Lethargy, muscle stilfness and dehydration 12 hours following 2nd dose administration, given 1 month after the 1st dose.	Crossbred	8.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial 28/08/14 and 1 vial 29/9/14 (28/08/2014- 29/09/2014/SR> 	A - Probable	The same reaction on both occasions following administration, close time association.
NOBIVAC L4	UK-VMD-4442/15	United Kingdom	Animal	Canine/dog	2.25 Year(s)	09/09/2015	07/10/2015	1 1	0 09/09/201	5 Not Known, BR >BR>BR>BR> Not Known	Diarrhoea, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Diarrhoea and lethargy starting within 6 hours post vaccination. No treatment given, recovery 2 weeks later.	Shih Tzu	5.7	Nobivac DHP - T.N/A.N/A N/A.mixed on vial of Nobivac L4 with one vial of Nobivac DHP and injected total sub-cutaneously (09/09/2015-N/A)-BBXBBX-Nobivac L4 Suspension for injection for Dogs- 1.N/A.N/A.N/A.N/A (09/09/2015- N/A)-BBXBBX->	B - Possible	Non-specific signs but close time association, 2 products administered, unexpected for these signs to last this long.
NOBIVAC L4	UK-VMD-4460/16	United Kingdom	Animal	Canine/dog	3.39 Month(s)	09/09/2016	09/09/2016	1 1		Not Known	Diarrhoea, Emesis, Anorexia, Letharg y (see also Central nervous system depression in 'Neurological'), Dull	Not Known	This was the second dose of 14 vaccine. Previous dose was administered with DHP fraction on 8.8.16 with no ill effect. After vaccination, on the way home she had diarrhea. Was subdued at home and vomited twice, and had more diarrhea. off food. Seen back at the clinic inn the evening. Subdued and a bit hunched.	Crossbred	6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial of vaccine administered (09/09/2016- N/A) <	A - Probable	Temporal association is strong and clinical signs are known to occur following administration. No other product administered.
NOBIVAC L4	UK-VMD-4464/14	United Kingdom	Animal	Canine/dog	3.02 Year(s)	28/09/2014	08/10/2014	1 1	0 29/09/201	Not Known,
 Not Known</br 	Diarrhoea,Vomiting,Conjunctivitis,A norexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Diarrhoea, emesis, lethargy, ancrexia and bilateral conjunctivitis within 24 hours post vaccination. Bland diet and treatment for eyes started, outcome unknown, still ongoing at time report made.	Crossbred	5	Nobivac DHP - 1,N/A,N/A 24,Vaccination protocol - vaccine (28/09/2014-N/A) -SBR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,1 Dose (28/09/2014- N/A) >SBR>	O1 - Inconclusive	Lethargy and anorexia are non-specific signs and could be expected post vaccination. Emesis, diarrhoea and conjunctivitis are not expected.
NOBIVAC L4	UK-VMD-4470/16	United Kingdom	Animal	Canine/dog	12.25 Year(s)	05/08/2016	12/09/2016	1 1	0 05/08/201	5 Not Known	Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy for several days, started aprox 30 minutes after vaccination, lasting aprox 1 week. No previous exposures.	Border Collie	21.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml subcutaneous vaccine dose. (1 Year(s) 05/08/2016-N/A) 	A - Probable	Temporal association is strong and clinical signs are known to occur following administration. No other product administered.
	UK-VMD-4482/16	United Kingdom	Animal		2.61 Year(s)		12/09/2016	1 1	0 18/08/201	Known,
 Not Known</br 	Diarrhoea	Not Known	Signs of diarnhoes started 48 hours after vaccination. The reaction lasted 6 days. Previous exposures with no reactions.	Collie Rough	19	dose novibac DHP and lepto 4 combined given subcutaneously (16/08/2016-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,N/A (16/08/2016-N/A) >BR>	B - Possible	Temporal association is strong, however another vaccine was administered concurrently.
NOBIVAC L4	UK-VMD-4484/15	United Kingdom	Animal	Canine/dog	3 Month(s)	09/10/2015	09/10/2015	1 1	0 09/10/201	5 Not Known,
 Not Known</br 		Not Known	Lethargy, allergic ordema of the face and emesis starting within 30 minutes post vaccination. Unspecified treatment given, outcome unknown.	Labrador Retriever	7.7	Nobivac DHP - 1,N/A,N/A,24,DHP and L4 componant mixed together in single syringe and injected s/q in the scruff of the neck (09/10/2015- N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (09/10/2015- N/A)KBR>BR>BR>	B - Possible	Close time association, possible hypersensitivity reaction, 2 products given concurrently.
NOBIVAC L4	UK-VMD-4518/15	United Kingdom	Animal	Canine/dog	3.9 Year(s)	05/10/2015	13/10/2016	1 1	0 05/10/201	Not Known,
 Not Known</br 	Circulatory collapse (see also 'Neurological' and 'Systemic disorders'), Vomiting, Lethargy (see also Central nervous system depression in 'Neurological'), Weak pulse, Unresponsive to stimuli, Pale mucous membrane, Anaphylaxis	Not Known	Lethurgs, collapse, pale mucous membranes, weak puts and emeis within 15 minutes post vaccination. We superced a cute a naphylaxis. Treated with fluids, adrenalin and corticosteroids leading to recovery 3 hours later.	Pug	11.3	Nobivac DHP - 1,N/A,N/A, 24,Single dose given subcut (05/10/2015-N/A) - RBA-Nobivac LA Suspension for Injection for Dogs - 1,N/A,N/A, 24,Single dose given subcut (05/10/2015-N/A) - RBA-SBR->	B - Possible	Anaphylaxis, 2 products administered concurrently.
	UK-VMD-4520/16	United Kingdom	Animal	Canine/dog	2.23 Month(s)	07/09/2016	14/09/2016	2 2		5 Not Known	Ocular discharge, Adipsia, Anorexia, Letharg y (see also Central nervous system depression in 'Neurological'), Pyrexia, Shaking	Not Known	Pyrexia, anorexia, adipsia, ocular discharge, lethargy and shaking in 2 dogs 6 days post vaccination. Unspecified treatment given, outcome unknown.	Irish Red Setter	8.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (07/09/2016-N/A) RS>8R>	O1 - Inconclusive	Not a close time association, an infectious cause is more likely given it has affected both dogs in the same household.
NOBIVAC L4	UK-VMD-4526/16	United Kingdom	Animal	Canine/dog	11.58 Year(s)	09/09/2016	14/09/2016	1 1	0 09/09/201	5 Not Known	Anorexia,Lethargy (see also Central nervous system depression in 'Neurological'),Hiding,Walking difficulty,Lip licking	Not Known	Lethargy, Ip licking, difficulty walking, hiding behaviour and anorexia starting within 1 hour post vaccination. No treatment given, recovery 2 days later.	Other Canine/dog	6.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,the one millitre dose was given subcutaneously (09/09/2016- N/Al>BR>-BR>	B - Possible	Close time association, some of the signs are expected but other causes also possible.
NOBIVAC L4	UK-VMD-4538/15	United Kingdom	Animal	Canine/dog	14 Day(s)	12/10/2015	13/10/2015	1 1	0 12/10/201	Yes, <b R> >BR>Yes</b 	Periorbital oedema,Facial swelling (see also 'Skin'),Anaphylactic-type reaction	No Data	Possible anaphylactic-type reaction. Perioritatia deedma and facial swelling within 1 hour of vaccination. First outcomatom with 12 was given a few weeks prior (no reaction), Unknown treatment was given, and recovery within 5 hours. Nothing further.	Toy Poodle	2.18	Nobivac DHP - 1,N/A,N/A,24,one off vaccination (12/10/2015- 12/10/2015):cBR>-cBR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (12/10/2015- 12/10/2015)-cBR>>cBR>	B - Possible	Close temporal association; typical of vaccine related anaphylactic type reaction. Two products used, therefore a product related reaction is deemed possible (B).
NOBIVAC L4	UK-VMD-4547/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	25/08/2017	27/08/2017	1 1	0 25/08/201	7 Not Known	Facial swelling (see also 'Skin'),Swelling around eye,Hypersensitivity NOS	Not Known	Following vaccination on 25/08/2017, the dog's face started swelling within 30 minutes of the vaccination being injected: her muzzle and eyes severely swelled. Emergency care was given and it is assumed that she has recovered.	Crossbred	4.55	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,Injected in the loose skin just below the neck. (25/08/2017-25/08/2017) 	A - Probable	Signs and timing of adverse event are typical of a Type 1 hypersensitivity reaction.
	UK-VMD-4555/15	United Kingdom	Animal	Canine/dog	Not Known	28/09/2015	14/10/2015	1 1	0 28/09/201	5 Not Known	Diarrhoea, Vomiting, Lameness	Not Known	Emesis, diarrhoea and lameness of the left foreleg starting within 24 hours post vaccination. Treated with antibiotics, NSAIDs and rehydration salts. Recovery an unspecified period later.	Miniature Dachshund	5.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (28/09/2015-N/A) 	O1 - Inconclusive	Close time association but signs are unexpected.
	UK-VMD-4565/14	United Kingdom	Animal	Canine/dog	,	29/09/2014	07/10/2014	1 1		1 Not Known	Inappetence,Lethargy (see also Central nervous system depression in "Neurological"),Pyrexia	Not Known	Pyrexia, lethargy and anorexia 48 hours post vaccination. NSAID treatment given, outcome unknown.	Border Collie		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dosage form/vial (29/09/2014- N/Al N/ASBR><		Close time association but non-specific signs.
	UK-VMD-4571/15	United Kingdom	Animal		2.5 Year(s)	13/10/2015	15/10/2015	1 1	0 14/10/201	Not Known,
 Not Known</br 	Anorexia,Pyrexia,Injection site pain,Adipsia	Not Known	Anorexia, adipsia, pyrexia and injection site pain less than 24 hours post vaccination with Nobhus L4 and DHP. An unknown treatment was given. Outcome unknown. No further information expected.	English Cocker Spaniel	8.25	dose given 13/10/15 (13/10/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (13/10/2015- N/A) <	B - Possible	Signs are consistent with probable vaccine involvement, however, two vaccines were given concurrently.
NOBIVAC L4	UK-VMD-4582/17	United Kingdom	Animal	Canine/dog	11 Week(s)	22/08/2017	01/09/2017	1 1	0 22/08/201	7 Not Known,
 Not Known</br 	Periorbital oedema,Swelling around eye	i Not Known	Following vaccination on the 22/08/17 with Nobivac DHP and Nobivac L4 the dog developed periorbital swelling, which was treated with piriton and resolved within 12 hours.	German Shepherd Dog	9	Nobixac DHP - 1,N/A,N/A,10,1 ml 1 Animal (22/08/2017- 22/08/2017): EBR-> BR-Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml 1 Animal (22/08/2017-22/08/2017) 	B - Possible	Timing and clinical signs are consistent with a Type 1 hypersensitivity reaction.

NOBIVAC L4	UK-VMD-4583/17	United Kingdom	Animal	Canine/dog	2 Month(s)	27/08/2017	29/08/2017	1 1	0 27/08/	1017 Not Known, E >BR>BR>BN Not Known	Blood in faeces,Diarrhoea,Mucous R stool	Not Known	The dog was vaccinated on 27.08.2017 with Nobivac DHP and L4 and within 24 hours had developed loose faces (coded as diarrhocal) with presence of blood and mucous, no voniting Had only been in owner's possession for 24 hrs prior to accine and no defarts, changes reported. The dig was very well in self otherwise and appetite still good. No information on treatment given and reaction lasted 2 days.	Other Canine/dog	4.6	Nobivac DHP - 1,N/A,N/A, 24, Single dose of vaccine given by subcutaneous injection (27/08/2017-27/08/2017)+BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24, Single dose of vaccine given by subcutaneous injection (27/08/2017-27/08/2017-NBRBR>-	B - Possible	Close temporal association with product use-two products given.
NOBIVAC L4	UK-VMD-4585/14	United Kingdom	Animal	Canine/dog	7.42 Year(s)	02/10/2014	09/10/2014	1 1	0 06/10/	014 Not Known	Lethargy (see also Central nervous system depression in 'Neurological'), Swelling NOS	Not Known	Lethargy, swelling of neck within 48 hours of administration, lasting 2 days. Assume recovered.	English Cocker Spaniel	17	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (02/10/2014-N/A)<8R>	B - Possible	Moderate temporal association, lethargy can be seen. Unknown if injection site swelling or other local swelling associated with neck. Possible product
	UK-VMD-4594/17	United Kingdom	Arimal	Canine/dog	8.83 Year(s)	05/07/2017	01/11/2017	3	1 05/08/	Known, GBS-GE NA - SBF-GBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-SBR-S	I (for photophobia see to function of the control o	No Data	I month post vaccination: sudden onset seiture followed by cognitive impairment and unable to jump. Admitted to vets for 2 days, treated with pain releif and anti-inflammatories (details unknown). Bloods showed lapeami. Owner then noticed geep no sile idectivate from propue. A large hearstons the developed on one leg with hearonthages across the ventral abdomen. The dog was radiographed (details unknown) and antirochip placed. A further hearnaton was noted on the dog's dorsum. The dog was bradiged and discharged. Dog then unable to stand, bloods showed acute liver failure. Referral but euthansed the following de's. PME results pending. Wholl update received: full bistory 5 August. Telephone conversation. Owner reports of flood in the last two days but eating small amounts. Noticed shaking and unables to walk properly, falling over and eyes dort look right. Owner son feels abdomen is swollen/different size than normal. Seen OOH emergency service: Shaking and behaving strangely, decrease appetic, feel off the sofs, wasting oddy. Not himself, no somit or durrhoes. Galt on assessment block normal, a bit stiff on hind left, gain on abdominal palpation, very term on plations. Abdominal pain left of the sofs, wasting oddy. Not himself, no somit or durrhoes. Galt on assessment block normal, a bit stiff on hind left, gain on abdominal palpation, very term on plations. Abdominal pain left on the causing other sizes of the soft of the sofs, wasting and behaving strangely, clinical exam was largely unremarkable. No exemplogical contropaction or abnormalies seen, except from stiffness in thind limbs and either prisal or abdominal pain. Bloods unremarkable. A August Large amount of yellow discharge from penies soon after event home, prostate tile as started by ours, to bloods unremarkable. A Rugust Large amount of yellow discharge from penies soon after event home, prostate tile as exist paid to the being on the left side of the body Being treated with tramadol and vet discussion on possibly of removing chip implant 1 causin	Crossbred	5	Endectrid 100 mg + 25 mg Spot-on Solution for Medium Dogs - 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	O1 - inconclusive	Preferences according to the pathologist, the main suspect actiology is hepastic toxicity. The number of toxinist that can accossibility activate the product products predict products or metal Toxicological studies would be needed to try to determine the inition between the foreign to the products, industrial products or metal. Toxicological studies would be needed to try to determine the inivolvement of the isonis. Nepastic toxicological studies would be needed to try to determine the involvement of the isonis. Nepastic toxicological studies would be needed to try to determine the movement of the own normal staff are reasonable association in case the product should have played a role. The actiology was also complicated by other signs such a staff galf, walking difficulty, falling over and unable to jump, which is not explained by the left fallus and were preced. Deverall the assessment is recordulate with the current information available.
NOBIVAC L4	UK-VMD-4600/16	United Kingdom	Animal	Canine/dog	9 Year(s)	06/09/2016	16/09/2016	1 1	0 12/09/	Known, <e< td=""><td>Injection site mass,Injection site R warmth,Elevated > temperature,Reluctant to move,Anorexia</td><td>No Data</td><td>Anorexia, reluctant to move, rejection site mass/warmth, hyperthemia within 6-7 days post vaccination (12/09) Given Init desaderson injection and God syndox hypiction. The fur has changed colour and consistency (now dark and coarse) 13/09/16 wet exam form 1-better to night, esten some treats. Temperature normalised 14/09/16 wet exam More lively, eating chicken & freats. Mass decreased slightly (7cm diameter) but still very hard, Given clawsepini 250mg (1 tab BIO) and predistionless fing (2 tab SIO for 3 days, bert 1 at 80 Fio 7 ads), then 1/2 at 80 BIO for 3 days). Re-</td><td>Yorkshire Terrier</td><td>10.4</td><td>Apoquel 5.4mg Film-coated Tablet for Dogs - N/A,N/A,N/A,N/A,N/A (N/A-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1st L4 vacc (06/09/2016-N/A) </td><td>A - Probable</td><td>Injection site reactions are known to occur following vaccination</td></e<>	Injection site mass,Injection site R warmth,Elevated > temperature,Reluctant to move,Anorexia	No Data	Anorexia, reluctant to move, rejection site mass/warmth, hyperthemia within 6-7 days post vaccination (12/09) Given Init desaderson injection and God syndox hypiction. The fur has changed colour and consistency (now dark and coarse) 13/09/16 wet exam form 1-better to night, esten some treats. Temperature normalised 14/09/16 wet exam More lively, eating chicken & freats. Mass decreased slightly (7cm diameter) but still very hard, Given clawsepini 250mg (1 tab BIO) and predistionless fing (2 tab SIO for 3 days, bert 1 at 80 Fio 7 ads), then 1/2 at 80 BIO for 3 days). Re-	Yorkshire Terrier	10.4	Apoquel 5.4mg Film-coated Tablet for Dogs - N/A,N/A,N/A,N/A,N/A (N/A-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1st L4 vacc (06/09/2016-N/A) 	A - Probable	Injection site reactions are known to occur following vaccination
NOBIVAC L4	UK-VMD-4610/15	United Kingdom	Animal	Canine/dog	2.08 Year(s)	08/10/2015	16/10/2015	1 1	0 09/10/	015 Not Known, E >BR>BR>BI Not Known, E >BR>E Not Known, E Not Known	Sneezing,Dry nose,Reverse sneezing	g Not Known	Securing reverse sneezing and dry nose within 24 hours of vaccination with Nobivac KC, Pi and L4. Signs had persisted for 7 days at reporting. No treatment given, outcome unknown. No further information expected.	English Cocker Spaniel	13.5	Nobivac KC - 4,N/A,N/A,10,0.4ml once (1 Day(s) 08/10/2015- N/A)=BR>-SBR>-Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A N/A,N/A (08/10/2015- N/A)=BR>-SBR>-Nobivac Pi - N/A,N/A,N/A,N/A,N/A (08/10/2015- N/A)=BR>-SBR>	O1 - Inconclusive	Clinical signs are not expected following vaccination however the product was used in combination with two other vaccines and therefore cannot be excluded as a factor.
NOBIVAC L	UK-VMD-4615/14	United Kingdom	Animal	Canine/dog	9 Year(s)	29/09/2014	10/10/2014	1 1	0 07/10/	014 Not Known	Injection site lump	Not Known	Injection site lump 8 days after vaccination. No further information.	Yorkshire Terrier	6.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dosage form (29/09/2014-N/A) BR> 	B - Possible	Injection site reactions can occur following administration of vaccination.
	UK-VMD-4619/15	United Kingdom	Animal	Canine/dog	1.81 Month(s)	20/04/2015	19/10/2015	1 1	0 22/09/	No, BR> R>BR>BR>N Known, BR>BR>BR>Known, Known	B Lack of efficacy (parvovirus) tt R	Not Known	Suspected lack of efficacy. Parvovirus confirmed (exact text carried out unknown) 5 months post 2nd dose vaccination. Unspecified treatment given, outcome unknown. 2nd dose vaccination was administered at 9 weeks 5 days of age.	Welsh Springer Spaniel	5.68	Nobivac DHP - 1,N/A,N/A, 24,1st vacc nobivac DHP A082A01 20/04/2015, and vacc nobivac DHP A082A01 A081C01 05/05/2015 (20)04/2015-N/A)×8R-SR-Nobivac KC - N/A,N/A,N/A, N/A,N/A (20)04/2015-N/A)×8R-SR-Nobivac LG - Suspension for Injection for Dogs-N/A,N/A,N/A,N/A,N/A (20/04/2015-N/A)>BR-> <br-></br->	No assessment performed	
NOBIVAC L4	UK-VMD-4619/16	United Kingdom	Animal	Canine/dog	9 Year(s)	05/08/2016	16/09/2016	1 1	0 05/08/	016 Not Known	Adipsia, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia	Not Known	Dog became lethargy, anorexia, would not drink, subjectively pyrexic aprox 6 hours after vaccination. Dog was not seen at the surgery in this time period, reaction reported by owner. Dog recovered after 7 days. No previous exposures.	Staffordshire Bull Terrier	16	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,Single vial (05/08/2016-N/A) 	A - Probable	Temporal association is strong and clinical signs are known to occur following administration.
	UK-VMD-4620/16	United Kingdom	Animal	Canine/dog	2.45 Month(s)	12/09/2016	16/09/2016	1 1	0 15/09/	Known, <bi Not Known</bi </b 	Vomiting.Collapse (see also 'Cardio R vascular' and 'Systemic > disorders'],Lethargy (see also Central nervous system depression in 'Neurological'),Diarrhoea	Known	The dog started with vomit and diarrhoea 3 days after vaccination and was lethargic and collapsed. Outcome unknown.	Chihuahua	0.53	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (12/09/2016- N/A)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 x 1ml vial (12/09/2016-N/A) >	O1 - Inconclusive	Signs described can be expected after vaccination, however the temporal association is not strong. Product involvement is not very likely but cannot be excluded. DHP also administered concurrently.
NOBIVAC L4	UK-VMD-4629/16	United Kingdom	Animal	Canine/dog	3.17 Year(s)	17/09/2016	19/09/2016	1 1	0 17/09/	Pes, Yes, Yes,	B Facial swelling (see also s 'Skin'),Swollen eye	No Data	Swollen eye and minor facial swelling within 1 hour of vaccination. No previous exposure. Treated with antihistamine and steroid. Owner took home to monitor, case lost to follow up. No further information	French Bulldog	14.7	Nobivac DHP - 1,N/A,N/A,10,1 ml of vaccine (standard vial) (17/09/2016-N/A) R> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,N/A (17/09/2016-N/A) 	B - Possible	Type I hypersensitivity reactions can occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-4630/16	United Kingdom	Animal	Canine/dog	6.42 Year(s)	25/08/2016	19/09/2016	1 1	0 09/09/	1016 Yes	Haematuria, Haemolytic anaemia	No Data	Haematuria, haemolytic anaemia within 2 weeks of vaccination. No previous exposure. Clinic reports this is the second Hi hi as spaniel that they have seen in the few weeks following L4. Outcome unknown, no further information available.	English Cocker Spaniel	15.9	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A ,N/A,Routine vaccination. first time had L4 (25/08/2016-N/A) BR> 	B - Possible	Immune mediated conditions are known to occur following L4 vaccination; close time association, therefore product involvement possible.
NOBIVAC L4	UK-VMD-4637/15	United Kingdom	Animal	Canine/dog	1.83 Year(s)	22/09/2015	20/10/2015	1 1	0 22/09/	015 Not Known	Colitis,Anorexia	Not Known	Colitis and anorexia starting within 24 hours post vaccination. Treated with kaolin and buprenorphine, outcome unknown.	Chihuahua	3.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form (22/09/2015-N/A) 	O1 - Inconclusive	Close time association, anorexia could be expected but colitis would be unusual, other causes are possible.

	UK-VMD-4643/15	United Kingdom	Animal	Canine/dog	1.2 Year(s)	14/10/2015	26/10/2015	1 1	0	16/10/2015	Not Known, >CBR> Not Known, Not Known, <br< td=""><td>Sneezing.Cough</td><td>Not Known</td><td>Cough and sneezing 2 days post vaccination. Signs persisted for at least 4 days, outcome unknown. An unknown treatment was given. No further information expected.</td><td></td><td>14.3</td><td>Nobivac DHP - 1,N/A,N/A,10,1 ml (14/10/2015-N/A)>BR>-BR>Nobivac C- 1,N/A,N/A, N/A,1 vial administered intransasi (14/10/2015-N/A)>BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (14/10/2015-N/A)>BR>-GBR></td><td>O1 - Inconclusive</td><td>Onset is prolonged for product involvement but vaccination cannot be excluded as a factor in the signs seen. Multiple products used concurrently.</td></br<>	Sneezing.Cough	Not Known	Cough and sneezing 2 days post vaccination. Signs persisted for at least 4 days, outcome unknown. An unknown treatment was given. No further information expected.		14.3	Nobivac DHP - 1,N/A,N/A,10,1 ml (14/10/2015-N/A)>BR>-BR>Nobivac C- 1,N/A,N/A, N/A,1 vial administered intransasi (14/10/2015-N/A)>BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (14/10/2015-N/A)>BR>-GBR>	O1 - Inconclusive	Onset is prolonged for product involvement but vaccination cannot be excluded as a factor in the signs seen. Multiple products used concurrently.
NOBIVAC L4	UK-VMD-4644/15	United Kingdom	Animal	Canine/dog	1 Year(s)	22/12/2014	20/10/2015	1 1	1	14/10/2015	Not Known	Death,Lack of efficacy	Not Known	Suspected lack of efficacy: leptospirosis despite vaccination less than 1 year post start of vaccination course. Death after an unknown time. No further information expected.	Labrador Retriever	28	Nobivac L4 Suspension for Injection for Dogs - 1,1,4 Weeks,24,2 injection at 4 week interval (22/12/2014- N/A) 	O1 - Inconclusive	Development of Leptospirosis despite vaccination may be consistent with lack of expected efficacy, however, there is insufficient information regarding the serovar of lepto involved to confirm this.
	UK-VMD-4666/14	United Kingdom	Animal	Canine/dog	1.25 Year(s)	02/10/2014	13/10/2014	1 1	0	02/10/2014	Not Known,
 Not Known</br 	Vomiting.Facial swelling (see also 'Skin'),Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Emesis within a few hours port vaccination. Emesis, lethargy and allergic oedema of the face the next day. Treated with antihistamines, outcome unknown.		9.35	Nobivac DHP - 1,N/A,N/A,24,mixed in same syringe (02/10/2014- N/A) >Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,N/A (02/10/2014- N/A) >	B - Possible	Close time association but 2 products given, possible hypersensitivity reaction.
NOBIVAC L4	UK-VMD-4666/16	United Kingdom	Animal	Canine/dog	8.25 Year(s)	08/09/2016	20/09/2016	1 1	0	08/09/2016	Not Known	Injection site swelling, Injection site pain, Injection site stiffness, Dull	Not Known	Lethung, neck pain, difficulty turning head or bending neck to eat and swelling at injection site noted within 24 hours post vaccination. No treatment given, recovery 4 days later. Similar but milder reactio was noted following 1st dose vaccination given 4 weeks earlier.		5.8	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml vaccine administered sc 11/08/2016, second inj 08/09/16 (08/09/2016- N/AI>BR>-BR>	A - Probable	Close time association and the signs are listed in the SPC.
NOBIVAC L4	UK-VMD-4671/16	United Kingdom	Animal	Canine/dog	3 Month(s)	16/09/2016	21/09/2016	1 1	1	16/09/2016	Not Known, BR >BR>BR>BR> Not Known	Weakness, Symptom NOS involving neurological and muscular skeletal SOCS, Tremor of limb, Unable to stand, Ataxia, Recumbency, Parapare sis, Death	Not Known	Asais Starting 6 hours pout vaccination leading to weakness, pursparsess, tremons and unable to start Unspecified treatment gleen, outcome unewhorour. Case received by MMH on 30 C2015 0n 12 Aug. 2016, puppy vaccinated with Nobine: DHP and Nobine: L4 (not gleen a firefing temperature). On 15 50 2015, dog gleen second Nobines L4 (not gleen a from temperature) and chalically healthy at the time and no treatment gleen. On 18 Sep 2016, presented with weakness and neuromuscular symptom (on specific signs mentioned). Gleen Metacam and amostiliation. On 19 Sep 2016, presented to emergency practice recumbent and unable to stand and the breeders did not want any diappositis performed and the puppy way placed on intravenous full darkeapy and antibiosics. On 20 Sep 2016, the puppy started steroids. On 21 Sep 2016, puppy died overright. No further information expected.	d. Crossbred	9	Nobivac DHP - 1,N/A,N/A, N/A,One vial (16/09/2016- N/A)<-BRNobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24, m1 A animal (16/09/2016-N/A)<-BR>	O1 - Inconclusive	Close time association but signs are unexpected.
NOBIVAC L4	UK-VMD-4676/15	United Kingdom	Animal	Canine/dog	5 Year(s)	17/10/2015	23/10/2015	1 1	0	17/10/2015	Not Known, BR >BR>BR>BR>Not Known	Neutropenia, Haemorrhagic diarrhoea, Vomiting, Inappetence, Le thargy (see also Central nervous system depression in 'Neurologica'), Blood in faeces, Dehydration, Abnormal test result, Nausea, Hypoalbuminaemia, Abdominal discomfort, Abnormal ultrasound finding, Abdominal cavity haemorrhage eleiunitis	Not Known	Blood in faeces, lethargy and emests within 12 hours poot vaccination. Ancrexia, lethargy, delividation and abdominal disconfront noted 2 days late on examination. Blood tests stowed neutropenia, hipposibuminaemia and low amylase. Treated with fluids, antiblotics, maropitant, rantidine and bupernophine. Adominal ultrasound showed dilated colon, fluid in the uterus and hyperrobic lare the dorsal abdomen. Exlap and OVH were carried out. Marked jejunal inflammation with small haemorrhage in the mesentery were sen. Haemorrhagic diarrhoea the next day. Parvo snap test was negative. Gradual improvement over the next week.	Golden Retriever	24	Nobivac DHP - 1,N/A,N/A,N/A,One vial (17/10/2015- N/A/SER-SER-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (17/10/2015- N/A)-SER-SER-	O1 - Inconclusive	Close time association but signs are unexpected. 2 products administered concurrently.
NOBIVAC L4	UK-VMD-4687/15	United Kingdom	Animal	Canine/dog	14 Year(s)	10/10/2015	21/10/2015	1 1	0	14/10/2015	Not Known, BR SBR>BR>CBR> Not Known, BR>CBR> Not Known	Injection site abscess	Not Known	Injection site abscess 4 days post vaccination. The dog was on concurrent Caninsulin injections twice daily. Artibiotic treatment started, outcome unknown.	Jack Russell Terrier	10	Caninsulin 40 IU/ml Suspension for Injection - N/A,2,1 Days,N/A,BID (N/A-N/A)-BR>-GR>-Nobiwac DHP - 1,N/A,N/A,10,1ml (10/10/2015- N/A)-SRP>-GR>-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (10/10/2015- N/A)-SRP>	B - Possible	Close time and anatomical association but 2 other product administered concurrently.
NOBIVAC L4	UK-VMD-4707/16	United Kingdom	Animal	Canine/dog	8.75 Year(s)	01/09/2016	21/09/2016	1 1	0	18/09/2016	Not Known	Injection site swelling	Not Known	Large firm non-painful subcutaenous swelling, we asusme at injection site, appears to be spontaneously resolving but slowly. Previous exposures with no reactions.	Crossbred	16.9	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (01/09/2016-N/A) 	A - Probable	Timing/clinical signs suggest product involvement
NOBIVAC L4	UK-VMD-4709/15	United Kingdom	Animal	Canine/dog	11.5 Year(s)	21/09/2015	22/10/2015	1 1	0	23/09/2015	Yes	Diarrhoea, Vomiting, Inappetence, Le thargy (see also Central nervous system depression in 'Neurological'), Weight loss	No Data	Emesis, diarrhoea, anorexia, lethargy within 48 hours of vaccination. Diarrhoea and emesis improved within 2 weeks, lethargy ongoing. Weight loss also noted (details of dates unknown). No further information.	Crossbred	7.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Single vial (21/09/2015-21/09/2015) 	B - Possible	Timing and clinical signs are suggestive of possible product related reaction, however cannot rule out other possible causes. Therefore overall B.
NOBIVAC L4	UK-VMD-4714/15	United Kingdom	Animal	Canine/dog	8 Year(s)	15/09/2015	22/10/2015	1 1	0	15/09/2015	Not Known	Vomiting	Not Known	Emesis within 24 hours post vaccination. Recovery later the same day with no treatment. This occurred a second time within 24 hours following 2nd dose vaccination 4 weeks later.	Crossbred	27.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form (15/09/2015- 13/10/2015) 	B - Possible	Close time assocciation, occurred on both occasions post vaccination but other causes are still possible, eg car sickness.
NOBIVAC L4	UK-VMD-4715/16	United Kingdom	Animal	Canine/dog	12.58 Year(s)	05/09/2016	21/09/2016	1 1	0	05/09/2016	Not Known	Abdominal pain, Diarrhoea, Vomiting, Anorexia, Off colour	Not Known	Off colour approximately folious after vaccination. Esting very little, wrinting & having frequent watery distrince. Temperature:33.1, disconfort & boarding on abdominal palapiston (coded as abdominal pain), mucous membranes pink & moist. Similar signs were noted after last. L4 but thought i must have been a concidence but happened again with 2 nd doze. Unspecified restartment given. Recovered after 5 days. Had reacted already to previous exposure of the same vaccine.	Greyhound	25.6	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,2ND DOSE OF LEPTO 4 VACCINATION (05/09/2016-N/A) 	A - Probable	Temporal association is strong and clinical signs are known to occur following administration, moreover the dog had reacted to the previous administration of the product.
NOBIVAC L4	UK-VMD-4715/17	United Kingdom	Animal	Canine/dog	2 Month(s)	29/08/2017	05/09/2017	1 1	1	04/09/2017		Icterus,Seizure NOS,Arched back,Death,Hypothermia,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	6 days after vaccination pup cold, collapsed, arched, had selsures throughout the right, izteric mm"s and skin. Very very ponty. Owner opted to put to sleep. Vet is not 100% suse if a reaction to vaccine but puppy appeared healthy at time of vaccination then severely ill in under 1 week	Crossbred	2	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (29/08/2017- N/A)-&BR>= Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (29/08/2017- N/A)-&BR>>=	O1 - Inconclusive	Temporal relation is not strong, but still reasonable, however, signs are not expected. Product involvement cannot be excluded however some preexisting condition may also explain the signs
	UK-VMD-4732/16	United Kingdom	Animal		1.25 Year(s)		05/10/2016	1 1	0	18/09/2016	Not Known,
 Not Known</br 	Retching,Nasal discharge,Anorexia,Hyperthermia,L ethargy (see also Central nervous system depression in 'Neurological'),Enlarged lymph node (localised),Positive tracheal pinch	Not Known	Cough 2 days post vaccination. Nasal discharge, ancresia, lethargy retching, positive tracheal pinch, emlarged submandbular lymph nodes and hyperthermia 3 days later. Unspecified treatment given, outcome unknown.	Pug	10.15	Nobivac DHP - N/A,N/A,N/A,N/A,1 ml (N/A-N/A) RS-SRS-Nobivac KC - 1,N/A,N/A,N/A,1 vaccination vial once (16/09/2016- N/A) RNS-SRS-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,I ml (N/A- N/A) RNS-SRS-	No assessment performed	
	UK-VMD-4740/15	United Kingdom	Animal	Canine/dog	4.33 Year(s)	24/09/2015	23/10/2015	1 1	0	24/09/2015	Not Known	Lameness,Lethargy (see also Central nervous system depression in 'Neurological'),Skin warmth	Not Known	Lethargy and lameness of one front leg within 6 hours post vaccination. Owner said foot felt warm to touch (coded as erythema). Recovery by the next day with no treatment given.	Scottish Terrier	11	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml injected subcutaneously (24/09/2015-N/A) 	O1 - Inconclusive	Close time association but signs are unexpected, particularly only effecting one limb - unless vaccination administered in unusual location, which report does not specify.
NOBIVAC L4	UK-VMD-4747/16	United Kingdom	Animal	Canine/dog	5.25 Year(s)	22/09/2016	22/09/2016	1 1	0	22/09/2016	Not Known,
 >CBR Not Known</br 	Urticaria, Facial oedema, Facial rash (For urticaria see Immune SOC)	Not Known	The dog developed uticaria and myopedema of the head and face aprox 6 hours after vaccination. Outcome unknown. No previous exposures.	Lhasa Apso	8	Nobivac DHPPI, lyophilisate and solvent for suspension for injection for dogs - 1,N/A,N/A, 24,Given 1 dose diluted with Nobivac L4 (22/09/2016-N/A)		

NOBIVAC L4	UK-VMD-4759/15	United Kingdom	Animal	Canine/dog	2 Month(s)	23/10/2015	24/10/2015	5 5	0	23/10/2015	Not Known,
 Not Known</br 	Injection site lump,Emesis	Not Known	Emesis and injection site lumps in 5 of 5 puppies vaccinated with Noblvac DHP and L4. Recovery in all animals by the following day. No further information expected.	Miniature Bull Terrier	4	Nobivac DHP - N/A,N/A,N/A,N/A,1st vaccination (23/10/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (23/10/2015- N/A) 	B - Possible	Signs and onset are consistent with probable product involvement of one of more vaccines given concurrently.
NOBIVAC L4	UK-VMD-4821/15	United Kingdom	Animal	Canine/dog	1.33 Year(s)	28/10/2015	30/10/2015	2 1	o :	28/10/2015	Not Known,
 Not Known</br 	Hypersalivation	Not Known	Hypersalivation approximately 5 hours post vaccination. Signs had resolved by examination, temperature 39.0. No further information expected.	Lhasa Apso	6.4	Canigen DHP - 1,N/A,N/A,10,1ml subcutaneously under the s (28/10/2015-N/A)RH>REN-REN-Noblwac L4 Suspension for Injection for Dogs-1,N/A,N/A,10,1 ml (28/10/2015-N/A)<	O1 - Inconclusive	Sign is not expected but has a strong temporal relationship with vaccination. Involvement cannot be ruled out-inconclusive.
NOBIVAC L4	UK-VMD-4833/17	United Kingdom	Animal	Canine/dog	9 Year(s)	06/09/2017	21/09/2017	1 1	o i	06/09/2017		Distress, Diarrhoea, Vomitting, Twitchi ng, Shaking, Lethargy (see also Central nervous system depression in 'Neurological'), Depression, Weight loss, Shivering, Anorexia	Known	within an hour of booster vaccination dog became v lethangic and began vomiting, anorexis and shaking, not extent since. Follow up from the Math on the 21 Sept 2017. Distribuse also represent within 24 hours of volcentation. On the 7 Sept 2017, remains lethangic and vomited again. On 8 Sept 2017, shiering lots more, and now twitching, Owner feels like dog is in physical distress and was concerned that dog might die. Vomited again. On examb y britending vet on the 9 Sept 2017, reported as depressed, weight loss. Treated with Cerenia, Oralyte. Improving on 10 Sept 2017. Recovered by 14 Sect 2017. No more information exocution.	Jack Russell Terrier	6.5	Nobivac DHP - 1,N/A,N/A,24,1 ml 1 Animal (06/09/2017- 06/09/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial given s/c (06/09/2017-06/09/2017)-BR> 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-4834/16	United Kingdom	Animal	Canine/dog	1.84 Month(s)	23/09/2016	07/10/2016	1 1	0	23/09/2016	Not Known,
 Not Known</br 	Restlessness, Sleepiness - neurological disorder, Tachycardia, Stumbling gait, Panting, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia	Not Known	Parting starting within 2 hours post vaccination followed by hyperthermia, tachycardia and fethargy. Treated with fluids and NSAIDs leading to recovery within 24 hours. Case received by MMH on 70 Ct. 2016: Suspected Adverse Reaction. On 23 Sep 2016, dog vaccinated with hobbac DHP and Nobbac L4 (not given at room temperature) feats a label usel, Reported within an hour the dog developed lethargy, sleepy and stumbing around. Presented 34 hours later and was previac and an increased heart rate as well as restless and panting. The dog was admitted and given intravenous fluid therapy and an injection of a non-steroid ail-inflammatory. Reported after 1-2 hours the dog improved and was discharged that evening. No further information expected.	Crossbred	2.3	Nobivac DHP - 1,N/A,N/A,10,1ML (23/09/2016-N/A)-BR-Nobivac La Suspension for nigettion for Dogs 1,N/A,N/A,10,1ml (23/09/2016-N/A)-BR>-CBR>	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-4835/15	United Kingdom	Animal	Canine/dog	10.58 Year(s)	26/10/2015	29/10/2015	1 1	0	27/10/2015	Not Known	Malaise, Acting tense, Impaired proprioception, Abnormal posture NOS, General pain (see other SOCs for specific pain), Knuckling, Vocalisation	Not Known	General pairs, standing hunched (coded abnormal posture), malaise, vocalisation when touched, knuckling on both forelimbs, slow proprioception and tense on examination (coded as anxiety), all starting within 24 hours post vaccination. Unspecified treatment given leading to recovery 1 day later.	Dalmatian	38.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (26/10/2015-N/A) 	B - Possible	Close time association, some signs are unexpected.
NOBIVAC L4	UK-VMD-4856/17	United Kingdom	Animal	Canine/dog	7.25 Year(s)	11/09/2017	12/09/2017	1 1	0	11/09/2017	Not Known, CBR >CBR>CBR> Not Known	Urticaria,Lip oedema (see also 'Skin'),Face and neck swelling (see also 'Skin'),Pruritus	Not Known	Facial purius. Dedema of muzile and neck. Urticaria, Oneet of reaction 10 hours post vaccine. Reaction started after walk on beach, though owner unaware of any incident/trigger on beach. Reaction duration one hour. Had previous exposure with no reactions.	Bedlington Terrier	10.8	Nobivac DHP - 1,N/A,N/A, N/A,One vial of each vaccine. (11/09/2017- 11/09/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml 1 Animal (11/09/2017-11/09/2017)-BR> 	B - Possible	Temporal association is not strong for these kind of reactions but still plausible, clinical signs suggest a possible hypersensitivity/anaphylactic reaction to either of the two vaccines.
NOBIVAC L4	UK-VMD-4865/16	United Kingdom	Animal	Canine/dog	3.25 Year(s)	13/09/2016	28/09/2016	1 1	0	14/09/2016	Not Known, BR >BR>CBR>CBR> Not Known	Seizure NOS,Nasal discharge,Hyperventilation	Not Known	Two dogs treated together, both reacted, but the other is reported separately 4866/16). This one reacted with hyper vertilation, nasal discharge and had a seiture aprox 24 hours after vaccination. Outcome unknown.	Pug	9.2	Nobivac KC - N/A,N/A,N/A,N/A,N/A(13/09/2016-N/A) Nobivac L4 Suspension for Injection for Dogs N/A,N/A,N/A,N/A,N/A,N/A (13/09/2016-N/A) 	B - Possible	Timing (not sudden onset) and clinical signs suggest a possible hypersensitivity reaction. Two vaccines administered at the same time. Investigation ongoing.
NOBIVAC L4	UK-VMD-4866/15	United Kingdom	Animal	Canine/dog	5.37 Year(s)	20/10/2015	29/10/2015	1 1	0	20/10/2015	Yes	Restlessness,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Restlessness, emesis, and lethargy within 12 hours of vaccination. Recovery within 2 days, after unknown treatment given. No further information.	Yorkshire Terrier	6.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (20/10/2015-N/A) 	B - Possible	Timing and clinical signs suggestive of possible product related reaction.
NOBIVAC L4	UK-VMD-4866/16	United Kingdom	Animal	Canine/dog	1.17 Year(s)	13/09/2016	28/09/2016	1 1	0	14/09/2016	Not Known, >Rot Known, <td>Pale mucous membrane,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')</td> <td>Not Known</td> <td>Two dogs treated together, both reacted, but the other is reported separately (case 4865/16). This one reacted with pale mucose and collapsed aprox 24 hors after vaccination. Outcome unknown. No previous exposures. Investigation is ongoing.</td> <td>Pug</td> <td>8.2</td> <td>Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (13/09/2016- N/A)-BRBR-Nobivac K.C - N/A,N/A,N/A,N/A,N/A (13/09/2016- N/A)-BRBR-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (13/09/2016- N/A,N/BRBR></td> <td>B - Possible</td> <td>Timing (longer onset) and clinical signs suggest a possible hypersensitivity reaction. Three vaccines administered at the same time. Investigation ongoing.</td>	Pale mucous membrane,Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	Not Known	Two dogs treated together, both reacted, but the other is reported separately (case 4865/16). This one reacted with pale mucose and collapsed aprox 24 hors after vaccination. Outcome unknown. No previous exposures. Investigation is ongoing.	Pug	8.2	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (13/09/2016- N/A)-BRBR-Nobivac K.C - N/A,N/A,N/A,N/A,N/A (13/09/2016- N/A)-BRBR-Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,N/A (13/09/2016- N/A,N/BRBR>	B - Possible	Timing (longer onset) and clinical signs suggest a possible hypersensitivity reaction. Three vaccines administered at the same time. Investigation ongoing.
NOBIVAC L4	UK-VMD-4887/15	United Kingdom	Animal	Canine/dog	1 Year(s)	21/10/2015	30/10/2015	1 1	0	22/10/2015	Yes, <b R> Yes</b 	Vomiting,Facial swelling (see also 'Skin')	No Data	Emesis starting within 10 minutes of vaccination and facial swelling within 12 hours. Treated with antihistamine and steroid injection. Nothing further.	Pug	8.3	Nobivac DHP - 1,N/A,N/A,10,N/A (21/10/2015-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,10,N/A (21/10/2015- N/A) 	B - Possible	Timing and clinical signs suggestive of vaccine related reaction. Considering two products were administered, overall causality is deemed B (Possible).
NOBIVAC L4	UK-VMD-4889/15	United Kingdom	Animal	Canine/dog	3 Month(s)	16/10/2015	30/10/2015	1 1	0	17/10/2015	Not Known	Increased respiratory rate,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and tachypnoea within 24 hours post vaccination. Unspecified treatment given leading to recovery 6 hours later.	Pug	3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,Single dose of L4 (16/10/2015-N/A) BR> 	B - Possible	Close time association, signs reported are non specific and other causes are possible.
	UK-VMD-4893/17	United Kingdom	Animal	Canine/dog	3.1 Month(s)	06/09/2017	13/09/2017	1 1		06/09/2017	Not Known,
 Not Known</br 	Swollen face (see also 'Skin'),Eye irritation	Not Known	Swelling to face and weepy eyes less than 6 hours after vaccination, reaction duration 3 hours. Given Colvosone injection and Pirition. Had previous exposures with no reactions	Crossbred		Nobivac DHP - N/A,N/A,N/A ,N/A,2nd vaccination (06/09/2017- N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml Unknown 1 Animal (06/09/2017-N/A) 	B - Possible	Timing/clinical signs suggest a possible hypersensitivity/anaphylactic reaction to the vaccine
NOBIVAC L4	UK-VMD-4900/16	United Kingdom	Animal	Canine/dog	2 Month(s)	08/08/2016	29/09/2016	5 1 1	1	09/08/2016	Not Known, <br×br ×BR×BR> Not Known</br×br 	Vomiting,Death,Pyrexia,Diarrhoea	Not Known	Diarrhoea, vomiting/pyrexia occurred 24 hrs after giving vaccine. No previous exposures. Animal died 5 days after the beginning of the clinical signs.	Whippet	3.2	Nobivac DHP - 1,N/A,N/A 24,Standard dose (08/08/2016- N/A)-&BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (08/08/2016- N/A)-BR>	B - Possible	Temporal association is strong. Vomit, diarrhoea and pyrexia are known to occur following administration. Death is not expected, however, product involvement cannot be discarded. Two vaccines administered concurrently.
	UK-VMD-4904/15	United Kingdom	Animal	Canine/dog	Year(s)	16/08/2015	13/11/2015	1 1		30/09/2015	Yes	Elevated liver enzymes,Groaning,Melaena,Jaundic e,Appetite loss	No Data	Anorexia and jaundiced, melaena, elevated liver enzymes within 2 weeks of second vaccination (administered 1 month after first). Treatment continuing with IVFT, antibiotics, SMAe, antackis, Unknown outcome. Other suspected vaccine related reaction cocurred 1 month prior where was groaming for 10 days after vaccination (starting within 24 hours). Potential other vaccine reaction 4 months prior - details unknown. Nothing further.	Labrador Retriever		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 (16/08/2015-16/09/2015) 	O1 - Inconclusive	The temporal associations for both reactions are not particularly close, and the reactions are unusual and not expected if vaccine related. There are other potential underlying causes of these clinical signs, however a vaccine related reaction cannot be ruled out at this stage.
NOBIVAC L4	UK-VMD-4909/17	United Kingdom	Animal	Canine/dog	2.3 Month(s)	13/09/2017	13/09/2017	1 1	0	13/09/2017	Not Known,
 Not Known</br 	Crying,Increased heart rate,increased respiratory rate,Dry mucous membrane,Lethargy (see also Central nervous system depression in "Neurological"),Malaise,Pyrexia,Dec reased appetite	Not Known	Admitted for monitoring and treatment as needed of suspected adverse reaction to vaccination. Rocco became Yell; Goodd as lethangly about 30-60 min after vaccination was given Yepped once (Coded as cryingl) when O picked him up. Otherwise no other symptoms noted. O fed him a bit at 12-00, not very interested. No Vietchingly C. OOA, M. at Isacky, P. CRT. 25, HATA, RR. 83, abdomen soft and comfortable, I.n winl. Normothermic 38.4. Rec hospit for close monitoring, if condition deteriorates might require medication, IVTF et. Plant. Admit for monitoritation. Start v TPR every 3 min. If stable, can go on hourly frecis. Consider NSUDs, arthitistaminist if Intries symptoms/pain develops, Bloods and IVTF1 condition deteriorates. Patient became pyresis so intravenous fluids - no further Information supedile.	Crossbred	4.8	Nobivac DHPPI, Lyophilisate for Suspension for Injection for Dogs - 1,N/A/N/A, 24,1 ml 1 Animal (13/09/2017- 13/09/2017)<8R>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 24,1 x dose (13/09/2017- 13/09/2017)<8R>~BR>	B - Possible	Close temporal association and symptoms are non specific but could be due to post vaccinal malaise. Two products used.

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NOBIVAC L4	UK-VMD-4910/16	United Kingdom	Animal	Canine/dog	2.81 Month(s)	27/09/2016	29/09/2016	1 1	0 27/0		rn,
 (nown</br 	General pain (see other SOCs for specific pain), Tiredness	Not Known	Very tred when getting home and appears in pain when being touched, still very tred when brought for check up a few hours later. The symptoms eased swiftly after the use of piriton.	r Labrador Retriever	8.5	Nobixa DHP - N/A,N/A,N/A N/A,2nd vaccination but first use of this make, due for booster in 4 weeks (1 Month(s) 27/09/2016- N/A)<8R>~8R>~Nobixac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,N/A (27/09/2016-	B - Possible	Timing/clinical signs suggest product involvement. Two products administered concurrently.
	UK-VMD-4919/17	United Kingdom	Animal		1.33 Year(s)	29/07/2017	19/09/2017	1 1	0 29/0	Knowi > Not Kr	rn, SR >>BR>SBR>	Immune mediated haemolytic anaemia	Not Known	Innunomediated anaemia diagnosed one month after concurrent vaccination of Nobivac DHPPI and L4. Responding ok to treatment, outcome unknown. Had previous exposures with no reactions	Chihuahua	3	N/Al-BRBRN Nobivac DHPP, Lyophilisate for Suspension for Injection for Dogs- 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (29/07/2017- 29/07/2017- 29/07/2017- Suspension for injection for Dogs- 1,N/A,N/A, 1,0,1 ml Unknown 1 Animal (29/07/2017- 20/07/20	O1 - Inconclusive	Immune mediated diseases have been associated with vaccination before. One month is a reasonable association in time for this condition, host association in time for this condition, host whether there is a causal relationship between vaccination and IMMA remains unclear.
NOBIVAC L4	UK-VMD-4920/14	United Kingdom	Animal	Canine/dog	4.1	07/10/2014	27/10/2014	1 1	0 07/:	0/2014 Not Ki	nown	Injection site swelling, Anorexia	Not Known	Injection site swelling and anorexia within 24 hours post vaccination. Recovery 5 days later with no treatment.	West Highland White Terrier	8.35	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (07/10/2014-N/A) 	A - Probable	Close time association and known adverse effects.
NOBIVAC L4	UK-VMD-4931/16	United Kingdom	Animal	Canine/dog	2 Month(s)	26/09/2016	03/10/2016	1 1	0 27/0	R> <	BR> <b R> Yes, < BR>Not m</b 	Vomiting.Renal failure.Anorexia, ethargy (see also Central nervous system depression in "Neurological"). Hyperphosphataemi a, Elevaded BUN, Elevated creatinine, Abdominal pain, Diarrhoea, Bloody diarrhoea	No Data	Lethargy and anoresia within 34 hours of vaccination. Elevated BUN/creatinine diagnosed as renal failure 5 days, after vaccine. Unknown treatment given, no previous exposure, no further information available. Case received to MAH on 3 Oct 2016: Supported Adverse Reaction. On 26 Sep 2016, dog wavecinated with Noblaco EIPH and Noblaco Let Justinown if lighe and room temperature). Stronhold and Milbernax were dispersed but it is unknown if these were given. On 27 Sep 2016, dog developed vomiting and diafrenbea on 28 Sep 2016 and was annorate for 48 hours. On 39 Sep 2016, presented and had pain on palpation of abdomen. The dog was admitted and had intravenous fluid therapy (psiked potassium) and oral annatics), on blood thest time 27 Sep 2016, and force 345 (27-106), on 3 Cot 2016, 100 per 2016 pe	Crossbred	3.46	Nobwac DHP - 1.1/I/A.1/I/A.1 vial each (26/08/2005) N/A-BB-S-BR-Nobivac L4 Suspension for Injection for Dogs - 1.1/I/A.1/I/A.1/I/A.1 vial each (1.1/I/A.1/I/	O1 - Inconclusive	Vaccinations are unlikely to cause renal failure however the lethers/anoresis occurring within 24 hours can occur following vaccination and this in Istell with yave contributed to the need to lake bloods and diagnose renal failure. It is most likely that the renal disease was underlying prior to vaccination.
NOBIVAC L4	UK-VMD-4934/15	United Kingdom	Animal	Canine/dog	5 Year(s)	24/09/2015	04/11/2015	1 1	0 24/0	9/2015 Not Ki	nown	Injection site swelling,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy noticed within 12 hours post vaccination lasting for a few days. Injection site swelling 2 weel later. Owner administered NSAIDs leading to recovery an unspecified period later.	s Jack Russell Terrier	5.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (24/09/2015-N/A) 	B - Possible	Initial lethargy could be expected and there was a close time association. Injection site swelling with delayed onset is unusual.
	UK-VMD-4942/14	United Kingdom	Animal	Canine/dog	4.33 Year(s)		28/10/2014	1 1		> Not Knowi > Not Ki	rn,
 rn,
 <</br </br 	Injection site pain, Hyperaesthesia, Dull	Not Known	Injection site pain immediately post vaccination lasting for 30 minutes followed by lethargy and hyperaesthesia for 3 days. No treatment given.	Staffordshire Bull Terrier		Nobivac DHP - 1,N/A,N/A,24,N/A (17/10/2014-N/A)-BRBR-Nobivac KC - 1,N/A,N/A, 24,N/A (17/10/2014- N/A)-BR->-BB-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml - single dose (17/10/2014-N/A)-BR->-BR>	B - Possible	Close time association, unknown if vaccine was given at room temperature. 2 products administered.
NOBIVAC L4	UK-VMD-4952/16	United Kingdom	Animal	Canine/dog	2 Month(s)	01/10/2016	03/10/2016	1 1	0 02/1	> 	rn, BR > 	Behavioural disorder NOS,Diarrhoea,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia	Not Known	Pyrexia and diarrhores started showing agrox 24 hours after vaccination. Lethargy and deterioration is demeanour. Recovered after agrox 1 day. No previous exposures.	n Other Canine/dog	2.4	Nobivac DHP - 1,N/A,N/A,10,1ml each vial (1 Day(s) 01/10/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,0/A (01/10/2016- N/A) <	B - Possible	Timing/clinical signs suggest product involvement. Two products involved.
NOBIVAC L4	UK-VMD-4955/14	United Kingdom	Animal	Canine/dog	14.42 Year(s)	10/09/2014	29/10/2014	2 1	0 10/0	> 	rn,
 (nown</br 	Miscellaneous eating disorder NOS,Dysphagia,Unable to stand	Not Known	Difficulty eating (reporter described food dropping out of mouth and unable to eat) and ataxia (reporter stated dost ruggling to stand) in 1 out of 2 dogs on the same day post vaccination. Recover 3 days later with no treatment.	Border Terrier	10.85	Nobivac KC - 1,N/A,N/A,24,1 dosage form (10/09/2014- N/A)-&RR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form (10/09/2014-N/A)-&RR>	B - Possible	Close time association, 2 products administered, unexpected adverse effects.
NOBIVAC L4	UK-VMD-4956/14	United Kingdom	Animal	Canine/dog	9 Year(s)	16/09/2014	29/10/2014	1 1	0 17/0	> 	rn,
 (nown</br 	Erythematous rash	Not Known	Rash on the abdomen starting 2 days post vaccination. Recovery after 2 to 3 weeks with no treatmen	t. Border Terrier	6.8	Nobivac DHP - 1,N/A,N/A,24,1 dosage form/vial (16/09/2014- N/A)-&RR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 dosage form/vial (16/09/2014-N/A)-&RR>	B - Possible	Close time association, 2 products used
NOBIVAC L4	UK-VMD-4963/16	United Kingdom	Animal	Canine/dog	7 Year(s)	28/09/2016	04/10/2016	1 1	0 28/0	9/2016 Not Ki	Cnown	Vomiting,Lameness	Not Known	Dog started vomiting and showing lameness aprox 6 hours after vaccination. Recovered in 24 hours. Had previously been exposed with no reactions.	Shih Tzu	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml (28/09/2016-N/A) 	B - Possible	Vomiting can be expected after administration of a vaccination, lameness is not expected, unless it affects the leg were the vaccine was applied. Temporal association is strong. Product involvement is possible.
NOBIVAC L4	UK-VMD-4986/17	United Kingdom	Animal	Canine/dog	2.23 Month(s)	14/09/2017	18/09/2017	1 1	0 14/0	> 	rn,
 known</br 	Tachycardia, Periorbital oedema, Conjunctivitis, Conjunctival oedema, Facial oedema	Not Known	Periorbital, conjunctival and muzzle oedema, conjunctival erythema and tachycardia starting within I hour of vaccination. Testienten details unknown. Recovery within 7 hours. No further information rollow up 15 Sept 2017 reported to MAN Suspected adverse reaction Vaccinated on 14 Sept 2017 WIN Nobiwa DIP and 14, clinically well at the time. Then 2 hours later was seen with periorbital swelling, severe oedema, mild moderate muzzle oedema. Also had an increased heart rate (unknown what) was given antihistamines and desadresson. Within the next hours, the vet saw a vast improvement in the swelling. No More information espected.	Boxer (German h Boxer)	7	Nobivac DHP - 1,N/A,N/A,24,DHP and L4 combination (14/09/2017- 14/09/2017)-sBx>sBx>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,DHP and L4 combination (14/09/2017- 14/09/2017)-sBx>sBx>	B - Possible	Close temporal association and signs are consistent with product hypersensitivity but two products given together. Product involvement possible.
	UK-VMD-4990/17	United Kingdom	Animal	Canine/dog	11 Week(s)	24/08/2017	15/09/2017	1 1		> Not Known > Not Kn		Diarrhoea,Pyrexia,Emesis	Not Known	Pyexia, darmoea and womiting within 18 hours of initial vaccination. Treated with Cerenia, Meloxical and Protexin. No further information.	m Whippet	3.6	Nobixac DHP - N/A,N/A,N/A,N/A,N/A,N/A,N/A, (24/08/2017- N/A) Nobixac KC - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Signs may represent product hypersensitivity reaction but three vaccines were used together. Temporal relationship is consistent.
NOBIVAC L4	UK-VMD-4993/16	United Kingdom	Animal	Canine/dog	2.55 Month(s)	05/10/2016	05/10/2016	1 1	0 05/:		BR> <b R> Yes</b 	Injection site pain,Behavioural disorder NOS,Vocalisation,Rolling	No Data	Marked injection site pain, rolloning around screaming (coded as socialisation) and trying to bite himsell and people holding him (coded as behavioural disorder) within 2 minutes of administration. Recovery within 2 minutes. No previous exposure. V5 reports they often see injection site pain following vasccination with Nobivac L4. Nothing further	f English Cocker Spaniel	2.33	Nobivac DHP - 1,N/A,N/A,N/A,N/A (IO5/10/2016-N/A)-BRR-BRN-BRN-Obivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,One vial (1ml) warmed to room temperature and administered with Nobivac DHP (IO5/10/2016-N/A)-BRN-BRN	B - Possible	Injection site pain known to occur following vaccination; two products used
NOBIVAC L4	UK-VMD-5003/16	United Kingdom	Animal	Canine/dog	11 Year(s)		06/10/2016	20 1	0 28/0	9/2016 Yes, <e R×BR</e 	BR> <b R> Yes</b 	Unable to jump,Injection site swelling,Injection site pain,Lethargy (see also Central nervous system depression in 'Neurological'),Reluctant to move	No Data	Lethargy within 24 hours of vaccination in 1 of 20 vaccinated. Reluctant to walk (coded as reluctant to move), unable to jump. 20 days after excitation presented with large injection site swelling/pain. Outcome unknown. No further information available.	Miniature Schnauzer	7.6	Nobivac DHPPI, Iyophilisate and solvent for suspension for injection for dogs - 1,NA,NIA,2A,NI,(28,09)/2016-NIA)(A) BRS-BRS-Noblavac LS suspension for Injection for Dogs-1,N/A,N/A,24,N/A (N/A-N/A)-BRS-SBS	B - Possible	Lethargy and injection site swelling/pain known to occur following vaccination. Two products used.

																		9
NOBIVAC L4	UK-VMD-5005/17	United Kingdom	Animal	Canine/dog	6 Year(s)	03/06/2017	06/09/2017	1 1	0 01/09/20:	I7 Not Known,
 Not Known</br 	Lack of efficacy	Not Known	The dog was vaccinated with Nobbace. Kc. and Nobbace L4 on 3/6/17. On 13/9/17 the dog presented wit coughing alot and looks gaged. The owner's concerned the has availlowed something, Admitted for sedation and xrays and examination of mouth and throat. No sign of foreign body-possible tracheb monofilitis. Sent home with Metarcan. Clausseptin and Codeline. The owner reports the dog has recovered 5/9/17 but its concerned that the vaccine was not effective. Case received to MMH on 6 Set 2017 Suspected tack of Expected Efficiety. On 3 Jun 2017, dog vaccinated with Nobbac L4 and Nobbac KC, clinically well at the time of vaccination. On 1 Sep 2017, owner reported that dog developed cough gaging and rethort. The dog was presented and had ar adolograph as suspected may have eaten something. The radiographs were unremarkable. Given onal antibiotics, non-steroidal anti-inflammatories and artitussive. On 5 Sep 2017, owner reported dog is doing much better however the outcome is unknown. No further information expected.) : :	18	Nobbac K: 1.1N/N/A N/J.0.4 ml 1.Animal (30/06/2017- 03/06/2017-88h-ver-Nobbac L4 Suspension for injection for Dogs- 1,N/N/A N/J.1 ml 1.Animal (03/06/2017-03/06/2017)-SR>-4BR>		This product does not protect against kennel cough.
NOBIVAC L4	UK-VMD-5007/16	United Kingdom	Animal	Canine/dog	4.75		06/10/2016	1 1		I6 Yes, R≻BR>✓BR>Yes	Anaphylactic-type reaction, Collapse (see also 'Cardio- vascular' and 'Systemic disorders'), Low blood pressure, Pyrexia, Pale mucous membrane, Tachypnoea	No Data	Collapse within 5 minutes of vaccine administration. Pale mucous membranes, tachycardia, atchypnoca and mid prexia within 30 minutes, suggestive of anaphylactic type reaction. Outcome unknown, unspecified treatment given. No further information. Case received to MM+ on 6 Oct 2016. Suspected diverse Reaction. On 4 Oct 2016, day accurated with hobbace. Ptal and bohake 14 (unknown if given at room temperature). Reported within minutes post vaccination the dog collapsed in the veterinary practice or a part, still conscious. Given oxygen therapy IPPV, intravenous fluid therap and adernaline. By started at 66 minute and within 20-30 minus as 1380 mmilg (primal). Are: 3 O43-5 minutes the dog was discharged and no medication was sent home with dog and fully resolved by 5 Oz 2018. No further information expected:	Labrador Retriever		Nobivac DHPPI, Lyophillisate for Suspension for Injection for Dogs - 1,N/A,N/a,N/A,1 ml 1 Animal (04/10/2016-N/A)<8BR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/a,N/A,1 ml 1 Animal (04/10/2016-N/A)<8BR><	B - Possible	Clinical signs suggestive of anaphylactic type reaction. Two products used.
NOBIVAC L4	UK-VMD-5009/16	United Kingdom	Animal	Canine/dog	13.33 Year(s)	13/09/2016	06/10/2016	1 1	0 14/09/20		Seizure NOS	No Data	Salzure within 24 hours of vaccination. Has suffered with selzures previously but Increased frequency following vaccination. Previous vaccination reactions however details unknown. No further information available.	Not Applicable	5.45	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 DOSE GIVEN 16/08/16. SECOND DOSE GIVEN 13/09/16 (13/09/2016- N/A) 	O1 - Inconclusive	Due to the close time association we cannot rule out product involvement entirely, however seizures can worsen in severity/frequency as a natural progression of the underlying condition
	UK-VMD-5014/17	United Kingdom	Animal	Canine/dog	Not Known	13/09/2017	15/09/2017	1 1		17 Not Known	Fit,Foaming at the mouth,Ataxia,Tonic-clonic seizure	Not Known	Following vaccination with Nobivac L4 on 13/9/17, the dog was ataxic, tonic clonic fit outside clinic and foaming. The signs lasted 3-4 min the owner reported and the vet gave oxygen to the dog.	English Springer Spaniel		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml (1 dose) (13/09/2017- 13/09/2017) SR> 	B - Possible	Close temporal association with vaccination although other possible causes of clinical signs have not been excluded.
NOBIVAC L4	UK-VMD-5019/15	United Kingdom	Animal	Canine/dog	2.24 Year(s)	06/11/2015	10/11/2015	1 1	0 07/11/20	L5 Not Known	Injection site lump	Not Known	Injection site lump (reaction) within 12 hours of Nobivac L4 vaccination. Outcome unknown, no treatment given.	Crossbred	9.85	for Dogs - N/A,N/A,N/A,N/A,First booster vaccination (06/11/2015- N/A) 	A - Probable	Clinical signs and onset are consistent with probable product involvement.
	UK-VMD-5021/17	United Kingdom	Animal		2.45 Month(s)	15/09/2017	19/09/2017	1 1		17 Not Known	Pain NOS, Vocalisation	Not Known	Following vaccination on 15/09/17 with Nobivac L4 the dog had a pain reaction for three hours and was whimpering and crying (coded as vocalisation). No information on whether any treatment was given.	Crossbred	3.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Standard 1 vial administered (15/09/2017- 15/09/2017) 	A - Probable	Close temporal association with product use.
NOBIVAC L4	UK-VMD-5041/17	United Kingdom	Animal	Canine/dog	3.42 Year(s)	18/09/2017	19/09/2017	1 1	0 18/09/20:	17 Not Known, BR > BR>BR> Not Known	Vomiting,Facial swelling (see also 'Skin'),Skin irritation,Tachypnoea,Laboured breathing,Urticaria	Not Known	Following vaccination with Noblac DHP and L6 on 18/9/17, the dog started vomiting bile multiple times within 5-10 muints of injection being igen. Urticaria and severe fical Swelling developed rapidly within 10-15 minutes. Irritation around the muzzle (coded as six in ritation), Respiratory rate increased, with secsive effort. They we Rantidine and Deamenthasons intransons and Chlorophenamine. Signs reduced in an hour and fully resolved that day. No more information expecte	Pug	6.4	Nobivac DHP - 1,N/A,N/A,N/A,Given 1 vial of Nobivac DHP re (18/09/2017- 18/09/2017)-BR>-GBS-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,Given 1 vial of Nobivac DHP re (18/09/2017- 18/09/2017-18R>-GBS-	B - Possible	Close temporal association and signs are consistent with hypersensitivity reaction. Two products used.
NOBIVAC L4	UK-VMD-5067/17	United Kingdom	Animal	Canine/dog	1.96 Year(s)	13/12/2016	19/09/2017	1 1	0 27/12/20:	16 Not Known	Gastritis, Lethargy (see also Central nervous system depression in 'Neurological'), Diarrhoea, Inappete nce	Not Known	Following vaccination with Nobbac L4 on 13/12/2016, from 27/12/2016 the dog has had lethargy, diarrhose and stomach problems (code as gastrills). The reporter says that since this linetion was administrated the dog has gone of his food, suffered from diarrhose a. Is lethargic. He has been treated on several occasions by the Named vets and has been treated with anti blotics steroids and vit812 injections. Appro. 2 weeks after the effects of the tablets wear off his symptoms reappear. We have raised our concerns with the vets over the injection but it has always been played down. We believe that this lejection has caused the symptoms which will now longing for the race of his file. Nothlime	German Shepherd Dog	39	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (13/12/2016-N/A)<	O - Unclassifiable/unassessa ble	Insufficient information to make an assessment. Clinical signs reported can have a number of possible causes and no information supplied regarding any investigation.
NOBIVAC L4	UK-VMD-5069/16	United Kingdom	Animal	Canine/dog	11.9 Year(s)	13/09/2016	10/10/2016	1 1	0 25/09/20:	L6 Not Known	Injection site abscess	Not Known	Sabctate-eous abscess developed at/rear injection site 12 days after vaccination. Owner became waver of problem when abscess burst. Flushed with antiseptic solution and treated with antibiotics (Clavaseptin) for 10 days.	Crossbred	16.65	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Single dose of Nobivac L4 administered subcutaneously in scruff between scapulae (13/09/2016- N/A/-BRS-SRS>	B - Possible	Timing/clinical signs suggest product involvement
NOBIVAC L4	UK-VMD-5087/14	United Kingdom	Animal	Canine/dog	9 Year(s)	21/10/2014	07/11/2014	1 1	0 22/10/20:	I4 Not Known, BR >BR>BR>BR> Not Known	Snuffle,Sneezing,Tracheitis,Cough,P yrexia	Not Known	Baintis, sneezing, coughing, trachekis, pyrexia commencing within 24 hours of vaccination, ongoing. Nothing further.	Crossbred	7	Nobivac KC - 1,N/A,N/A ,24,1 dosage form (21/10/2014- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 Dose (21/10/2014- N/A)>BR>	O1 - Inconclusive	Multiple products given. Pyrexia can be seen following vaccination administration however respiratory signs would be unexpected with administration of this vaccination.
NOBIVAC L4	UK-VMD-5096/17	United Kingdom	Animal	Canine/dog	8.58 Year(s)	19/09/2017	20/09/2017	1 1	0 19/09/20:	17 Not Known	Vomiting	Not Known	After vaccination with Nobivac L4 on 19/09/17, the dog was vomiting within 12 hours and the reaction lasted one day. No further information supplied on treatment or outcome.	Labrador Retriever	35.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (19/09/2017-19/09/2017) 	B - Possible	Close association in time. Product involvement is possible although there are many causes of vomiting in dogs which have not been excluded.
NOBIVAC L4	UK-VMD-5101/17	United Kingdom	Animal	Canine/dog	7.7 Year(s)	19/09/2017	21/09/2017	1 1	0 20/09/20:	Known, <br< td=""><td>Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Gait abnormality,Sleepiness - systemic disorder</td><td>Not Known</td><td>The dog was vaccinated on 13/09/17 with Nobwac DHP and Nobwac LA. Within less than 24 hours on 20/09/17 the dog was off colour, lethangic, inappetent, sleeping a lot, walking as though lopsided (coded as gait abnormality) at times senifer in the day. No further information supplied. Follow up. Case was reported to the NMH on the 21 Sept 2017. Case updated. Owner reported dog was back to normal on 21 Sept 2017. No more information expected.</td><td>Yorkshire Terrier</td><td>4.3</td><td>Nobivac DHP - 1,N/A,N/A,N/A,1 Dose 1 Animal (19/09/2017- 19/09/2017) -BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One whole vial (19/09/2017-19/09/2017) >BR></td><td>B - Possible</td><td>Non specific signs but close association in time. Product involvement is possible. Two products used.</td></br<>	Inappetence,Lethargy (see also Central nervous system depression in 'Neurological'),Off colour,Gait abnormality,Sleepiness - systemic disorder	Not Known	The dog was vaccinated on 13/09/17 with Nobwac DHP and Nobwac LA. Within less than 24 hours on 20/09/17 the dog was off colour, lethangic, inappetent, sleeping a lot, walking as though lopsided (coded as gait abnormality) at times senifer in the day. No further information supplied. Follow up. Case was reported to the NMH on the 21 Sept 2017. Case updated. Owner reported dog was back to normal on 21 Sept 2017. No more information expected.	Yorkshire Terrier	4.3	Nobivac DHP - 1,N/A,N/A,N/A,1 Dose 1 Animal (19/09/2017- 19/09/2017) -BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One whole vial (19/09/2017-19/09/2017) >BR>	B - Possible	Non specific signs but close association in time. Product involvement is possible. Two products used.
NOBIVAC L4	UK-VMD-5117/14	United Kingdom	Animal	Canine/dog	8.25 Year(s)	06/11/2014	07/11/2014	1 1	0 06/11/20:	4 Not Known	Sieepiness - neurological disorder,Lethargy (see also Central nervous system depression in 'Neurological'),Depression,Off colour,Abnormal posture,Intestinal disorder NOS	Not Known	Lethargy, depression, sleepiness, malaise, abnormal posture, intestinal thickening within 6 hours of vaccination administration. Treated with metacam.	Miniature Poodle	2.59	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1ml (06/11/2014-N/A) SR> SR>	B - Possible	General signs (eg lethargy, depression, sleepiness) may be seen following vaccination administration. Abnormal posture and intestinal trickening would be unexpected. Given the close temporal association, a product relationship is possible however other causes have not been ruled out.
NOBIVAC L4	UK-VMD-5126/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	12/11/2015	16/11/2015	1 1	0 12/11/20:	IS Not Known, BR > BR>BR> Not Known	Rash,Pruritus,Pain NOS	Not Known	Rash, pruritus and pain within 6 hours of vaccination with Nobivac DHP and L4, persisting for at least 5 days. Outcome unknown. No further information expected.	Dachshund (Standard) Smooth- haired	6	Nobivac DHP - N/A,N/A,N/A M/A,Diluted with Nobivac L4 (12/11/2015-N/A)-BR->BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (12/11/2015- N/A)-BR>>BR>	B - Possible	Signs are non specific and 2 products used but signs may be consistent with product hypersensitivity.
NOBIVAC L4	UK-VMD-5130/15	United Kingdom	Animal	Canine/dog	1.21 Year(s)	14/11/2015	16/11/2015	1 1	0 14/11/20	IS Not Known, <brs>BR>BR>BR>R>R Not Known, RBR>BR>Not Known, BR>KBR>R Not Known</brs>	Pyrexia, Facial oedema	Not Known	hypersentitivity signs. allergic facial onderna and pyrexia within 6 hours of dosing. Unknown treatmen given, outcome unknown. No further information expected.	t Crossbred		Nobivac DHP - 1,N/A,N/A,N/A,Single standard dose of vaccination (14/11/2015-N/A)8RR-8BR-Nobivac KC - N/A,N/A,N/A (14/11/2015-N/A)8RR-8BR-Nobivac L4 Suspension for Injection for Dogs-N/A,N/A,N/A,N/A,N/A,(14/11/2015-N/A)8RR-8BR-	B - Possible	Signs are consistent with a possible vaccine hypersensibility reaction but 3 products were used together. Product involvement is possible.

NOBIVAC L4	UK MAD 5140/16	Heitod	Animal	Canina/de -	2 22 Voze'-1		11/10/2016	, ,	0 11/10/20	16 Not	Enthoma (for urticaria co- '	o Not	Constrained anotherms one hour afor unceleation, recolude after array 2 hours	French Bulldoo	127	Nobice DHD 1 N/A N/A 10 4	P. Bossible	Timing feliated class custost a hunographists
	UK-VMD-5140/16	United Kingdom	Animal	Canine/dog	2.32 Year(s)		, , ,	1 1	0 11/10/20	16 Not Known,
 Not Known</br 	Erythema (for urticaria see Immuni SOC)	Known	Generalised erythema one hour afer vaccination, resolved after aprox 3 hours.		12.5	Nobivac DHP - 1,N/A,N/A,10,1ml single dose vial (11/10/2016-N/A)-BR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Timing/clinical signs suggest a hypersensitivity reaction. Two vaccines administered.
NOBIVAC L4	UK-VMD-5141/14	United Kingdom	Animal	Canine/dog	7.42 Year(s)	20/10/2014	11/11/2014	1 1	0 20/10/20	14 Not Known, BR >BR>BR>CBR> Not Known	Sneezing	Not Known	Sneezing started within 6 hours of Intranasal vaccine, lasted for 20 days. Nothing further.	West Highland White Terrier	11.8	Nobivac KC - 1,N/A,N/A, 24,Single dose (1 Second(s) 20/10/2014- 20/10/2014) BR> Suspension for Injection for Dogs - 1,N/A,N/A, 24,Single dose (1 Second(s) 20/10/2014- 20/10/2014/BR> BRS Second(s) 20/10/2014-	No assessment performed	
	UK-VMD-5142/16	United Kingdom	Animal		2.5 Month(s)		21/10/2016	1 1	0 11/10/20	Known,
 Not Known</br 	Prolonged capillary refill time, Unresponsive to stimuli, Lethargy (see also Central nervous system depression in 'Neurological'), Vomiting, Pale mucous membrane, Low blood oressure	Not Known	Owner came out of consult after vaccination and Puppy was lethangic and unresponsive to stimuli, i.e stroking head. Senior nurse noticed pallor mucus membranes and took puppy straight back to the vet. Acute reaction post-subcutaneous injection (within 3 minutes) between the shoulder blades. Pale mem drop in blood pressure and pulse quality with prolonged capillary refil time. IV administration of diducted ±1000 adenaine (diducted in 5 mix in injectable salinge), attopine and desamethasone. Vomited food 3 times in consult. Recovery over 30 minutes. Observed over 2 hours in surgery before discharge.	Crossbred i,		Nobivac DHP - N/A,N/A,N/A,N/A,1 ml (11/10/2016- N/A/SBR> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,1 ml (11/10/2016- N/A) 	B - Possible	Timing/clinical signs suggest anaphylactic reaction. Two vaccines involved
	UK-VMD-5149/14	United Kingdom	Animal		Not Known		11/11/2014	1 1	0 08/11/20	Known,
 Not Known,
 Not Known</br </br 	Respiratory tract infection NOS	Not Known	Upper respiratory tract infection within 24 hours of vaccination, lasting 3 days. Assume recovered. Nothing further.	Boston Terrier	Not Known	(04/11/2014-N/A)-BR->BR-Nobivac KC - 1,N/A,N/A, 24,1 dosage form given (04/11/2014- N/A)-BR->BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,N/A (04/11/2014- N/A)>BR>>BR>	No assessment performed	
	UK-VMD-5150/14	United Kingdom	Animal		Not Known	04/11/2014	11/11/2014	1 1	0 08/11/20	Known,
 Not Known,
 Not Known</br </br 	Respiratory tract infection NOS	Not Known	Upper respiratory tract infection within 24 hours of vaccination administration. Lasting 3 days, assume recovered. Nothing further.	Boston Terrier	Not Known	(04/11/2014-N/A) CRC-1N/AN/A, 24N/A (04/11/2014-N/A) N/A) SRS>8BN>NObivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,N/A (04/11/2014-N/A) SRS>8BN>	No assessment performed	
	UK-VMD-5157/16	United Kingdom	Animal	Canine/dog	3.74 Month(s)	06/09/2016	11/10/2016	1 1		16 Not Known	Implant site swelling.Injection site pain,Bladder incontinence,Shivering.Neck writhing	Not Known	Intense pain for approximately 5 hours. Shivering, Movement causing intense pain. Reluctance to move neck/ back. Following day a swelling developed under the skin. Approx 4 cm long, like a pentil shape under the skin. This lasted for about a week. The previous injection of Nobiwac L4 Both she also experienced intense pain as the injection site and lost control of her bladder and a swelling developed below the site of the injection.			Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (06/09/2016-N/A) 	A - Probable	Timing/clinical signs suggest product involvement
NOBIVAC L4	UK-VMD-5165/17	United Kingdom	Animal	Canine/dog	2.58 Month(s)	25/09/2017	25/09/2017	1 1	0 25/09/20	17 Not Known, Not Known, <td>Urticaria</td> <td>Not Known</td> <td>Urticaria within 30 minutes of vaccination. An unknown treatment was given and signs resolved within 22 hours. No further information.</td> <td>French Bulldog</td> <td>5.5</td> <td>Nobivac DHP - 1,N/A,N/A,N/A,1 x vial of each vacc, KC given intranasal. (25/09/2017-N/A) >Nobivac KC - 1,N/A,N/A N/A,N/A (25/09/2017-N/A) >Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A</td> <td>B - Possible</td> <td>Close temporal association, several vaccines given, signs consistent by possible hypersensitivity to one or multiple products.</td>	Urticaria	Not Known	Urticaria within 30 minutes of vaccination. An unknown treatment was given and signs resolved within 22 hours. No further information.	French Bulldog	5.5	Nobivac DHP - 1,N/A,N/A,N/A,1 x vial of each vacc, KC given intranasal. (25/09/2017-N/A) >Nobivac KC - 1,N/A,N/A N/A,N/A (25/09/2017-N/A) >Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A,N/A (25/09/2017-N/A) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A	B - Possible	Close temporal association, several vaccines given, signs consistent by possible hypersensitivity to one or multiple products.
NOBIVAC L4	UK-VMD-5194/15	United Kingdom	Animal	Canine/dog	2 Month(s)	05/11/2015	19/11/2015	1 1	0 12/11/20	15 Yes, <e R> Yes</e 	Injection site lump	No Data	Injection site lump within 7 days of vaccination. Almost resolved 2 weeks post vaccination. Nothing further.	Crossbred	1.93	Nobivac DHP - 1,N/A,N/A,24,1 vial (05/11/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (05/11/2015- N/A) 	B - Possible	Injection site lump known to occur following vaccination. Two products used, therefore B.
NOBIVAC L4	UK-VMD-5203/16	United Kingdom	Animal	Canine/dog	8 Week(s)	05/10/2016	10/11/2016	1 1	0 07/10/20	I6 Not Known, BR >BR>BR>BR> Not Known	Diarrhoea, Decreased appetite, Lethargy (see also Central nervous system depression in 'Neurological'), Pyrexia, Mucous stool	Not Known	case recived from Veterinary Medicines Directorate. Pyresia and diarnhosa 2 days post vascination. Lusppecified treatment given, outcome unknown. Case reported to MMH on 22 C-2015 Suspected Adverse Reaction. On 5 Oct 2015, dog veter with first vaccination of Nobivac DHP and Nobivac LA. On 7 Oct 2016, dog developed diarnhose with musur, reduced appetite, temperature 40 degrees Celsius and lethangic. Presented this day and given bland food and supportive treatment (unspecified), the Dog was seen gain approximately 2–3 days after and had improved but unknown if the clinical signs resolved. No further information expected. Follow up 10 Nov 2016 - reported to be recovered or 10 Oct 2016. Nothing further expected.	Other Canine/dog	3.5	Nobivac DHP - 1,N/A,N/A,N/A,1 ml 1 Animal (05/10/2016- N/A) -BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 ml 1 Animal (05/10/2016-N/A) -BR>	B - Possible	close time association, 2 products administered concurrently
	UK-VMD-5219/17	United Kingdom	Animal	Canine/dog	Month(s)	24/08/2017	02/10/2017	5 1	1 25/08/20	Known, BR> Not Known, SBR> 	also Central nervous system depression in 'Neurological', Proteinuria, Elevated BUN, Elevated creatinine, Enlarged kidney(s)	Not Known	Following vaccination and application of spot on treatment the dog became very lethargic. When presented to the clinic he had a blocked badder and renongaly (confirmed on intrasound). Bloods were taken showing a normal URFA and CREATININE. Bladder unblocked under general anaesthetic, viscous gelations usbatrance expressed from bladder. Analysis showed red blood cells ++ and portent +++. Went home unblocked. Taken to OOH vets overnight where he presented with anuria, repeat bloods showed elevated URFA and CREATININE. Died over might. A speculative presumptive diagnosis for acute renal failure has been made. There was no post mortem performed. Nothing further.	Newfoundland	5.85	Medium Dogs - N/A,N/A,N/A,N/A,1 Dose Unknown I Animal (24/08/2017- 24/08/2017)-BR-SBR-Nobivac DHP- N/A,N/A,N/A,1 ml Unknown 1 Animal (24/08/2017- 24/08/2017-BR-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,105,randard Iml dose (24/08/2017-24/08/2017)-SBR-SBR-	O1 - Inconclusive	Close temporal association with product use but symptoms would not be expected. Their products used and full investigation not performed to establish cause.
NOBIVAC L4	UK-VMD-5229/15	United Kingdom	Animal	Canine/dog	9.83 Year(s)	03/11/2015	20/11/2015	1 1	0 05/11/20	15 Yes	Skin scab,Generalised red spot,Itching,Skin lesion NOS	No Data	Pruritus, multiple skin scabs, and raised red lesions over head/neck/dorsum/ventrum (coded as generalised red spot and skin lesion NOS) appearing within 24-48 hours following vaccination. Unknown treatment given, recovery within 7 days. Nothing further.	Crossbred	18	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (03/11/2015-N/A) 	B - Possible	Close temporal association; a product related reaction is possible.
NOBIVAC L4		United Kingdom	Animal	Canine/dog		25/10/2015	27/11/2015	1	0 25/10/20	Known, BR>BR>BR>R Not Known, KNOWN, Not Known	depression in 'Neurological')	Not Known	Emesis, diarrhoea and lethargy within 6 hours post application of Advocate which was a dministered within 24 hours post vaccination. No treatment given, recovery 4 days later.	Bullmastiff	5.3	Advocate Spot- on Solution for Medium Dags - Jul/A,N/A, N/A/Cone pipette applied to skin at back of neck (25/10/2015- N/A)-88-R-Nobivac DHPPI - 1,N/A,N/A, 24,N/A (25/10/2015- N/A)-88-R-Nobivac Ld Suspension for Injection for Dags - 1,N/A,N/A, 24,N/A (25/10/2015- N/A)-88-C-888-	O1 - Inconclusive	Close time association but other products administered concurrently.
NOBIVAC L4	UK-VMD-5273/16	United Kingdom	Animal	Canine/dog	2.17 Year(s)	15/10/2016	16/10/2016	1 1	0 15/10/20	16 Yes, <e R> Yes</e 	Anaphylaxis,Urticaria,Pruritus	No Data	Anaphylassi within Z minutes, followed by urticaria and extreme pruritis 1 Ir later. Dog responded to anaphylactoid reaction treatment (unspecified), back to normal within 3 hrs post injection. No previou reactions. No further information.	Shih Tzu s	5.9	Nobixac DHP - N/A,N/A,N/A ,N/A,N/A (15/10/2016- N/A) <bb>-Nobixac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Annual vaccination (15/10/2016- N/A)<bb>-SBB></bb></bb>	B - Possible	Anaphylaxis and type I hypersensitivity reactions known to occur following vaccinations. Two products used.

NOBIVAC L4	UK-VMD-5278/17	United Kingdom	Animal	Canine/dog	2.77 Month(s)	22/09/2017	03/10/2017	1 1	ol :	22/09/2017	Not Known,
BR> Not Known</br 	Skin scab,Skin lesion NOS,Rash,Haemorrhage NOS	Not Known	On 22 Sep 2017, dog was vaccinated with Nobinac Lepto 4 and a microchip was implanted. The dog was reported to have had Nobinac Lepto 4 before (deballs not given and no reaction occurred. That evening (estimate 6 hours) owners noticed beginning of a rank under chin and on nect. On 23 Sept. 2021 in the morning the dog had multiple scales and was bleeding for self trauma serely. Resolved on it own within a couple of days (estimate 25 Sep 2017). No further information expected.	Pug	3.4	Identification Chip - N/A,N/A,N/A,N/A,N/A,Implant Unknown 1 Animal (22/09/2017-N/A)-BR-Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, J,O,Was given 1ml of Lepto 4. Had (22/09/2017-N/A)-BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-N-BR-	O1 - Inconclusive	Signs may represent a hypersensitivity reaction but are non specific.
NOBIVAC L4	UK-VMD-5281/16	United Kingdom	Animal	Canine/dog	7.42	25/09/2016	17/10/2016	1 1	0	27/09/2016	Yes, <b R> Yes</b 	Polydipsia,Polyuria,Lethargy (see also Central nervous system depression in 'Neurological'),Pyrexia,Immune mediated haemolytic anaemia	No Data	Immune mediate haemolytic anaemia, lethargy, polyuria, pohydipsia, pyrexia within 2-3 days post vaccination. Outcome unknown, unspecified treatment given, no further information available.	English Springer Spaniel	20	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (25/09/2016- N/A)-&R> Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (25/09/2016- N/A)-&BR><	B - Possible	IMHA is possibly linked to vaccination with Nobivac L4. Other vaccine given. Overall, possible
NOBIVAC L4	UK-VMD-5284/15	United Kingdom	Animal	Canine/dog	1.42 Year(s)	11/11/2015	27/11/2015	1 1	0 :	15/11/2015	Not Known, BR > BR>CBR> Not Known	Injection site pyoderma,Urticaria,Erythema (for urticaria see Immune SOC),Pruritus,Pyoderma,Lethargy (see also Central nervous system depression in 'Neurological'),Lump	Not Known	Skin lumes, possibly urticaria, letharge, pruritus, injection site pooderma and erythema 4 days post vaccination. Treated with antibiotics and pain relief, leading to improvement and development of large scab.	Bichon Frise	12.6	Nobivac DHP - 1,N/A,N/A, 24,mixing of L4 with the DHP (1/11/2015-N/A) N/A:BR>-BR>Nobivac L4 Suspension for Injection for Dogs-1,N/A,N/A, 24,mixing of L4 with the DHP (11/11/2015-N/A) BR>>BR>	B - Possible	NCA agrees with the MAH assessment.
NOBIVAC L4	UK-VMD-5299/16	United Kingdom	Animal	Canine/dog	4.42 Year(s)	19/09/2016	17/10/2016	1 1	0 :	19/09/2016	Not Known,
>BR> >BR> Yes, >BR> Yes, >BR>Yes</br 	Diarrhoea, Inappetence, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy, diarrhoea, inappetence within 6 hours of vaccination. Recovery within one week without retardment. Another reaction occurred following next vaccination on 17-10-2016 for an 17-10-2016 five animal was seen again at the practice. Physical examination was essentially normal, but the animal was clearly subdoor. No prior exposure. No further information available. Note concurrent treatment with Drontal Plus tablets (best guess made; dates unknown)	Crossbred	5.7	Drottal Plus Flavour Tablets for Dogs - N/AN/AN/A N/AN/A [15/09/2015 K-1/A/-RBN-DBN-Nobivac DHP - N/AN/AN/A N/AN/A [15/09/2015 K-1/ARN-BRN-BN-Nobivac IS 45/09/2015 K-1/ARN-BRN-BRN-DBN-DBN-BRN-DBN-DBN-BRN-DBN-BRN-DBN-BRN-BRN-DBN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-BRN-B	B - Possible	Clinical signs can occur following vaccination. Two products used.
	UK-VMD-5338/17	United Kingdom	Animal	Canine/dog	3 Month(s)	29/09/2017	03/10/2017	1 1		29/09/2017	> >BR> Not Known	Periorbital oedema, Facial swelling (see also 'Skin'), Lethargy (see also Central nervous system depression in 'Neurological'), Eyelid oedema	Not Known	Facial swelling reported by owners within an hour of vaccination. Very swollen eyelids on presentation Respiration normal, temperature normal. Mild lethargs, Admixted for monitoring, 0.5ml chiprophenamine administered intramuscularly and swelling much reduced after 2 hours. Nothing further.	. French Bulldog	4	Nobivac DHP - 1,N/A,N/A, N/A,1 ml 1 Animal (29/09/2017- 29/09/2017)-BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,Single dose vial (5 Second(s) 29/09/2017- 29/09/2017-BR><-BR>	B - Possible	2 products used, signs are consistent with hypersensitivity reaction. Close temporal association.
NOBIVAC L4	UK-VMD-5345/14	United Kingdom	Animal	Canine/dog	4 Year(s)	08/11/2014	21/11/2014	2 1	0 (08/11/2014	Not Known	Injection site lump	Not Known	Injection site lump within 24-48 hours post vaccination. Occurred previous year also. First time using L last year. No treatment given, just monitoring. Nothing further.	Miniature Dachshund	5.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,N/A (08/11/2014-N/A) 	A - Probable	Considering timing, and previous occurrence post the same vaccination, it is most probable that the vaccination has caused the lump.
NOBIVAC L4	UK-VMD-5345/16	United Kingdom	Animal	Canine/dog	10.75 Year(s)	29/06/2016	19/10/2016	1 1	1 (01/07/2016	Not Known,
BR> Yes</br 	Prolonged bleeding NOS,Jaemorhing Bematemesis,Exces sixe thirst,ParingEpistaxis,Death peuthanasis,Blood in facecs.Reathing difficulty,Not eating,Gum disorder NOS,Immune mediated thrombocytopenia,Small liver	No Data	My dog had Lepto 4 and DHP vaccinations on 29/6/16. Four weeks later she had a vaccine for perisoprisons (Northusz Lejon 29/7/16. She had issues with being hirthsy, parting a lot after the first vaccine which i mentioned when I took her for the leptosprisos. 6 weeks after this she had bleeding in her areas Theomorphiago NOS.1 The week after There was blood in her faces. The veg pure pain killer and antiblotic injections in the neck. The site where she was injected did not stop bleeding (prolinged bleeding NOS). The week alway she was diagnosed with munume Mediated Thrombocytopaeins with underlying systemic lapus. Cave steroids but she was violently sick; vomiting blood all night (huge citos), an ultrasound and xary was done and they said her live was hardly showing it was so small (small liver). Gave an anti sickness injection using lepacks to stem bleeding, Tried another night to give tablets but not eating. The following morning her breating was more difficult (difficulty breating and blood was coming from her nose (epistoxis), Her gums were now very sore and swollen as well (gam disorder NOS) and the vest said she had internal bleeding (haemorrhage NOS) and advised it would be kinder to put her to sleep (death by euchanasia).	Crossbred	Not Known	Noblac DIP - 1.N/A.N/A 2.4N/A [250/66/2016-N/488-B-8R-Noblack L4 Suspension for Injection for Dogs- 1,14 Weeks,24 1.doe 4 weeks apart (29/06/2016-N/A)-BR> 	B - Possible	Close temporal association. Immune mediated disorders are reported to occur following vaccination. Overall, product involvement is possible
NOBIVAC L4	UK-VMD-5362/15	United Kingdom	Animal	Canine/dog	13.11 Year(s)	11/11/2015	30/11/2015	1 1	0 :	11/11/2015	Not Known	Unable to stand, Pain NOS, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy, general pain and ataxia within 12 hours post vaccination. Recovery 4 days later with no treatment given.	Border Terrier	6.45	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ML (11/11/2015-N/A) 	B - Possible	Lethargy is listed in SPC and the pain may have been due to injection site pain but ataxia is unexpected. Close time association.
NOBIVAC L4	UK-VMD-5377/15	United Kingdom	Animal	Canine/dog	5.25 Year(s)	27/11/2015	03/12/2015	1 1		28/11/2015	Not Known,
 Not Known</br 	Wheezing Laryngitis, Tracheitis, Cough	Not Known	Coughing, wheeting, laryngits and positive tracheal pinch test 24 hours post vaccination. Treatment with NSAIDs, signs still ongoing when report received 2 days later.	Cairn Terrier	11.4	Nobivac KC - 1,N/A,N/A,N/A,one vial (27/11/2015- N/A)-&R>-SR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (27/11/2015- 27/11/2015)-&R>-&R>-	No assessment performed	
	UK-VMD-5381/15	United Kingdom	Animal	Canine/dog	2.2 Year(s)	16/11/2015	01/12/2015	1 1		17/11/2015	Not Known, <br×br ><br×br> Not Known</br×br></br×br 	Tracheitis,Cough	Not Known	Cough and positive trachesi pinch 24 hours post vaccination with Nobivac KC and Nobivac L4. Treated with antibiotics, outcome unknown.		15.1	Nobivac KC - 1,N/A,N/A,24,N/A (16/11/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (16/11/2015- N/A) 	N - Unlikely	More likely to be associated with Nobivac KC administration.
	UK-VMD-5410/16	United Kingdom	Animal	Canine/dog	2.6 Year(s)	13/10/2016	03/11/2016	1 1		13/10/2016	Yes	Behavioural disorder NOS.Lump, Not eating Localised hair loss, Skin abscess, Galt abnormality, Musculoskeletal pain		Not eating, neck pain and pain on picking up (coded as musculosaketal pain) within 24 hours of vaccination. The week after vaccination floud open abscess on obth sides of chett. No previous reaction. Recovery within 5 days following unspecified treatment. No further information available. Received by Midn 7 ad Cet 2016 - Supperced adverse Reaction. Vaccinated with second Notivac L4 on 13 Oct 2016. Primary vaccine given on 15 Sept 2016 of Nobivac DHP and Nobivac L4. Since the second vaccine, owner reported the dieg has neck pain; rectal experter, waiting with an unusual gain and generally occurred in the verning. Examined on 17 Oct 2016 no swellings or neck pain. 20 Oct 1000 persential set unemproper Vets, and involved owner abscess both sides of the control persential set unemproper Vets, and involved owner abscess both sides of the control persential set unemproper Vets, and involved owner abscess tools side of the control persential set under the control of the control of the control of the control less and difficult to examine. The dog has not been seen since. Nothing further expected. Follow up 3 Nov 2016 - Reported that dogs wounds are healing although there has been hair loss or aund the area and dog slowly getting back to normal. Dog has not been re-examined yet. No further information respected.	Miniature Schnauzer		Nobiwa: L4 Saspension for injection for Orogo: 1.7MA/N/A/L dose of lepto 4 given 15/09/ (13/10/2016-N/A)=BR> 	B - Possible	Anoresia can occur following succination, there was a locuse time association. Clinical signs of neck pain/gain on picking up is unusual and perhaps due to vaccination or possibly due to abscess formation. Site of abscesses unusual; not linked to site of vaccination, however overall product involvement is possible
	UK-VMD-5415/16	United Kingdom	Animal	Canine/dog	11 Year(s)	06/06/2016	22/10/2016	1 1		05/08/2016	Yes	Death by euthanasia, Death, Lethargy (see also Central nervous system depression in 'Neurological'), Liver failure, Muscle weakness NOS, Autoimmune disorder NOS, Lameness Skin lesion NOS	No Data	Autoimmune disorder (supperted Lupus); shifting lameness, mucke weakness, footpad lesions (coded as skin lesion NOS), lethargy, bloods suggest liver failure within 2 months of vaccination. Two months duration of clinic slignis leading to death by euthanasis. Unknown treatment given, first exposure to this vaccine, no further information available.	Siberian Husky		Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A, N/A,N/A (06/06/2016-N/A) -BR> -BR>	O1 - Inconclusive	immune disorders are known to manifest following vaccinations therefore cannot rule out product involvement; however other possible causes and factors involved.
NOBIVAC L4	UK-VMD-5428/14	United Kingdom	Animal	Canine/dog	2.58 Year(s)	14/11/2014	04/12/2014	1 1	0 :	14/11/2014	Not Known	Hypersensitivity reaction,Lymphadenopathy,Allergic oedema,Allergic pruritus	Not Known	Hypersensitivity reaction, allergic oedema of face, lymphadenopathy, pruritus within 24 hours of vaccination. Treated with chlorphenitamine leading to recovery 24 hours later. Nothing further.	Border Collie	17	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form/vial (14/11/2014- N/A) BR> 	B - Possible	Hypersensithity reactions are known to occur following vaccination use. In this instance, as exact times aren't given, it is possible the dog went home and encountered an alternative allergen elsewhere but this information is not provided. Overall, a product relationship is possible.

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NOBIVAC L4	UK-VMD-5446/16	United Kingdom	Animal	Canine/dog	8.42 Year(s)	01/12/2014	07/11/2016	5 1 :	1 0	02/12/2014	Not Known	Distress,Eyes rolling back,Unable to stand,Vomiting	Not Known	24 hrs after vaccine booster administered the dog presented extremely distressed, unable to walk, vomiting repeatedly. His eyes were spinning. It took a long time for him to become stable on his feet again.	Staffordshire Bull Terrier	25	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,2 doses, one on 1/11/14 and se (01/12/2014- N/A) BR> 	B - Possible	Clinical signs suggest anaphylactic reaction. Anaphylaxis is usually sudden (short time to onset), however, a longer onset reaction cannot be discarded.
NOBIVAC L4	UK-VMD-5447/15	United Kingdom	Animal	Canine/dog	2 Month(s)	23/11/2015	10/12/2015	1	1 0	29/11/2015	R> Not Known, <br< td=""><td>Vocalisation, Lameness, Neurologica I signs NOS, Reluctant to move, Pyrexia, Hind limb ataxia, Proprioception loss, Bacterial skin infection NOS, Central nervous system infection NOS, Injection site infection</td><td>No Data</td><td>Hiddimb lameness, lethagy, oxcilisation and hyperthermia within 48 hour. Treatment with NSIDs. Progressing to hidmid ataka, neck pain, oxcilastation, letherly, neurological signs including proprioception loss over the following few days. Treatment with Intravenous antibiotics, fluids and pain rellef. Radiographs normal. Referral confirmed bacterial infection from muscless between scapulae to vertebral canal/epidural empyema (coded as injection site infection/central nervous system infection) on CT scan. No further information.</td><td>German Shepherd Dog</td><td>9.4</td><td>Nobivac DHP - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015-BR>~BR>Nobivac KC - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015)-BR>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015)-BR>~BR></td><td>B - Possible</td><td>Close temporal association, a product related reaction is possible.</td></br<>	Vocalisation, Lameness, Neurologica I signs NOS, Reluctant to move, Pyrexia, Hind limb ataxia, Proprioception loss, Bacterial skin infection NOS, Central nervous system infection NOS, Injection site infection	No Data	Hiddimb lameness, lethagy, oxcilisation and hyperthermia within 48 hour. Treatment with NSIDs. Progressing to hidmid ataka, neck pain, oxcilastation, letherly, neurological signs including proprioception loss over the following few days. Treatment with Intravenous antibiotics, fluids and pain rellef. Radiographs normal. Referral confirmed bacterial infection from muscless between scapulae to vertebral canal/epidural empyema (coded as injection site infection/central nervous system infection) on CT scan. No further information.	German Shepherd Dog	9.4	Nobivac DHP - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015-BR>~BR>Nobivac KC - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015)-BR>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose (23/11/2015- 23/12/2015)-BR>~BR>	B - Possible	Close temporal association, a product related reaction is possible.
NOBIVAC L4	UK-VMD-5467/14	United Kingdom	Animal	Canine/dog	9 Year(s)	11/08/2014	04/12/2014	1 :	1 0	11/08/2014	Not Known	Erythema (for urticaria see Immune SOC),Papule,Decreased appetite,Eievated temperature,Itchy skin,Crust,Scale,Hot spot (pyotraumatic dermatitis),Flaking skin,Hair loss NOS,Skin inflammation NOS,Urticarial erythema Allerio; oruritus	Not Known	Allergic puritus and urticarial erythema 2 hours post vaccination followed by bacterial skin infection between the Loes. Recovery an usspecified period later following unspecified treatment. Skin scaling and erythema noted on dorsum 3 months later. Improving but not resolved.	Siberian Husky	30.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1 ml (11/08/2014-N/A)<-BR><-BR>	B - Possible	The erythema and puritus occurring 2 hours post vaccination could be related to the product and a hypersensitivity reaction but the erythema and skin scaling noted 3 months later is unlikely to be related to the product.
NOBIVAC L4	UK-VMD-5472/14	United Kingdom	Animal	Canine/dog	9.5 Year(s)	22/10/2014	01/12/2014	1	1 0	22/10/2014	Not Known,
 Not Known</br 	Lameness	Not Known	Lameness of the left hind limb starting within 24 hours following flank vaccination. Still ongoing 4.5 weeks later despite treatment with NSLON. Instancy of provious use of Noblvac DHPPI and Noblvac Lepto 2, with no adverse effects, but no previous use of Noblvac L4.	Crossbred	21.55	Nobivac DHPPi - 1,N/A,N/A,24,N/A (22/10/2014-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (22/10/2014- N/A) 	O - Unclassifiable/unassessa ble	This is an unexpected sign, although there is a close time association. Polyarthritis is known to occur in some cases following vaccination but this is likely to affect more than one joint.
NOBIVAC L4	UK-VMD-5484/17	United Kingdom	Animal	Canine/dog	9.33 Year(s)	27/09/2017	06/10/2017	1 :	1 0	28/09/2017	Not Known	Injection site swelling	Not Known	Firm swelling at site of subcutaneous injection 24 hours after vaccination, reaction duration one week.	Labrador Retriever	32.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Standard vaccine dose (27/09/2017- N/A) 	A - Probable	Timing/clinical signs suggest product involvement. One product administered
NOBIVAC L4	UK-VMD-5495/15	United Kingdom	Animal	Canine/dog	1.05 Year(s)	01/12/2015	07/12/2015	1	1 0	04/12/2015	Yes, <b R> >Yes</b 	Diarrhoea, Vomiting Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Emesis, diarrhoea, lethargy within 3 days of vaccination. Unknown treatment given, no previous reactions, nothing further.	Border Terrier	7.6	Nobivac DHP - 1,N/A,N/A,10,1ml SC reconstituted product (01/12/2015- N/A) BR>BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,N/A (01/12/2015- N/A) <	B - Possible	Time association not as close as expected for vaccine reaction, however a product related reaction is still possible.
NOBIVAC L4	UK-VMD-5497/15	United Kingdom	Animal	Canine/dog	13.25 Year(s)	27/11/2015	07/12/2015	1 :	1 0	29/11/2015	Yes	Injection site swelling	No Data	Injection site swelling (dermal and subdermal) within 48 hours of administration. Still present at follow up 2 weeks later. Nothing further.	Shih Tzu	5.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1ml of vaccine given subcut with adjuvant (27/11/2015-N/A) RR> 	A - Probable	Timing and clinical signs suggestive of product related reaction.
NOBIVAC L4	UK-VMD-5504/16	United Kingdom	Animal	Canine/dog	1.17 Year(s)		26/10/2016	1	1 0	25/10/2016		Swollen face (see also 'Skin'),Conjunctival oedema,Yomiting,Inappropriate defecation,Skin inflammation NOS	Not Known	Faire of skin inflammation (plready has low grade inflammed skin), conjunctival oedemis, facial swelling, omitting, inappropriate defaccation. Signs appeared 6 hors after vaccination. Outcome unknown.	Labrador Retriever	32	Nobivac DHPPi, lyophilisate and solvent for suspension for injection for dogs - NA/N/N/A N/AN/A (25/10/2015-N/A)-BR-Nobivac KC - N/AN/AN/A N/AN/A (N/A-N/A)-BR-Nobivac L4 Suspension for injection for Dogs-N/AN/AN/A, N/AN/A (N/A-N/A)-BR->GR->BR->BR-Nobivac L4 Suspension for Injection for Dogs-N/AN/AN/A, N/AN/AN/AN/AN/AN/AN/AN/AN/BR->GR->BR->GR->BR->	B - Possible	Timing/clinical sigms suggest hypersensitivity reaction to the vaccine. Three vaccines administered
NOBIVAC L4	UK-VMD-5508/16	United Kingdom	Animal	Canine/dog	1.5 Year(s)	14/10/2016	27/10/2016	1	1 0	14/10/2016	Yes, <b r="">BR>ER>P ER>P ER>P ER>P BR>BR>	Vomiting.Facial swelling (see also 'Skin'),Urticaria	No Data	Vomting, urticaris, facial swelling within 1 hour of vaccination. No previous reactions. Recovery within 6 hours following unspecified treatment. Nothing further.	Pug	9.5	Nobixe DIP - 1,N/A/N/A 2,D (PP mixed with L4 as a solvent, concurrently use intransasi KC vaccine (14/10/2016-N/A)-RBF-RBF-Nobixe KC - 1,N/A/N/A 24,N/A (14/10/2016-N/A)-RBF-RBF-Nobixe L4 Suspension for injection for Dogs - 1,N/A/N/A 24,D (PP mixed with L4 as a solvent, concurrently use intransasi KC vaccine (14/10/2016-N/A/SBF-RBF)-RBF-Nobixe MC vaccine (14/10/2016-N/A/SBF-RBF)-RBF-RBF-RBF-RBF-RBF-RBF-RBF-RBF-RBF-RBF	B - Possible	Close temporal association, type I hypersensitivity reactions know to occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-5509/17	United Kingdom	Animal	Canine/dog	10.17 Year(s)	19/09/2017	09/10/2017	1 :	1 0	26/09/2017	Not Known, BR >BR>BR>BR> Not Known	Injection site abscess,Injection site mucopurulent discharge,Skin slough	Not Known	Abscessation at injection site, pus discharge and skin sloughing at site one week after vaccination, controlled with antibiotic use and cleansing, wound slowly granulating after 2 weeks.	Bernese Mountain Dog	65	N/A/SBA-SBP - 1,N/A,N/A, N/A,N/A (19/09/2017-N/A) Nobivac Dr. (19/09/2017-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial (19/09/2017- N/A) 	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-5522/15	United Kingdom	Animal	Canine/dog	2.17 Year(s)	04/12/2015	09/12/2015	1	1 0	04/12/2015	Not Known, BR >BR>BR>BR> Not Known, BR >BR>BR>BR> Not Known	Facial swelling (see also 'Skin')	Not Known	Allergic oedema of the eyelids and lips starting within 12 hours post vaccination. Recovery I day later following unspecified treatment. Advocate spot on was being applied concurrently, exact date and time unknown.	Shih Tzu	7.4	Advocate Spot-on Solution for Medium Dogs - NJAN/A/N/A NJAN/A (NJAN/A NJAN/A (NJAN/A NJAN/A NJAN/A (NJAN/A NJAN/A	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered.
NOBIVAC L4	UK-VMD-5550/16	United Kingdom	Animal	Canine/dog	1.32 Year(s)	28/10/2016	28/10/2016	1 :	1 0	28/10/2016		Crying,Injection site self trauma,Injection site pain	No Data	No pain on initial injection, but shortly after injection there was a severe pain reaction, crying and trying its crarch at the area (coded as injection alte self traums) within 2 minutes of administration. Recovery within 1 minute. No previous reaction. Nothing further	Crossbred	4.7	Nobivac DHP - 1,N/A,N/A,24,N/A (28/10/2016-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (1ml) (28/10/2016-N/A) >BR>	B - Possible	Timing/clinical signs suggest vaccine involvement. Two products used.
NOBIVAC L4	UK-VMD-5552/15	United Kingdom	Animal	Canine/dog	10 Year(s)	13/08/2015	11/12/2015	1	1 0	14/08/2015	Not Known	Anorexia, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Lethargy and anorexia within 12 hours post 2nd dose vaccination. No treatment given, recovery 5 days later.	English Cocker Spaniel	12	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,2nd vacc (13/08/2015-N/A) SR> 	B - Possible	Close time association, signs are non-specific but are listed in the SPC.

NOBIVAC L4	UK-VMD-5552/16	United Kingdom	Animal	Canine/dog	6.65 Year(s)	21/10/2016	08/02/2017	2	0 21/10	72016 No	Aggression, Behavioural disorder NOS, External ear disorder NOS, Anorexia, Dull, Lethargy (see also Central nervous system depression in 'Neurological']. Depression, Hiding, I ain NOS	Other	Dog developed lethargy, anorexis and bitten the owner possibly due to pain in head. Onset to signs approx a hours a five succination with Noblace Lepto 2 on 21 Dct 2016, recovered after 7 days approx. No more information expected Reported to MaN on 5 Rev 2017. Vaccinated with Noblace Lepto 2 on 21 Dct 2016, given at fridge temperature (Erzn Label Use), Not vaccinated with Noblace Lepto 2 a previously reported. Presented on 28 Oct 2016 as owner reported the dog was dull and off food for the last 6 days, reported to have occurred after the vaccine-exact time scale is not known. The dog habites the owner twice and appears deeply with a sion ear. On examination, no sign of pain, Louxiom impertion was given 2 Dct 2016 termina misemable. 1 Not 2015 eating well, but owner reports the other standards are sens scared. No abnormalities on examination, 3/Mone dispersed. 7 Feb 2017 Appears to continue to look frighteened, Noting further expected.	s	20	Nobivac L4 Suspension for Injection for Cogs - 1.N/A.N/A. Z4.Single dose by subcutaneous in (21/10/2016-21/10/2016)-BR>-BR>	B - Possible	Lethargs and anoresia can be seen after vaccination. Aggression is not expected and it is not clear which was the cause of the pain. Temporal association is strong. Froduct may be a factor and cannot be excluded.
	UK-VMD-5557/15	United Kingdom	Animal	Canine/dog	1.25 Year(s)	11/12/2015	11/12/2015	1	1 0 11/12		pruritus :BR	ia Not Known	Allerger facial cedema, tachyponea, facial pruritus and enythema following vaccination within 1 hour post vaccination. Recovery within 1 hour following Dexadreson. No further information expected.	Shih Tzu	6.6	vial Nobivac DHP reconstit (11/12/2015-N/A)-BR>-ABR>Nobivac K-1A/A/A/A, 24, Dose (1 Day(s) 11/12/2015- 11/12/2015-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A/A, A/A, 1 Dose (11/12/2015- N/A) -⊲BR>	O1 - Inconclusive	Clinical signs may be associated with product hypersensibility but these products were given concurrently, therefore unable to ascertain if all/which one was involved.
NOBIVAC L4	UK-VMD-5557/16	United Kingdom	Animal	Canine/dog	7.25 Year(s)	15/09/2016	28/10/2016	1	0 19/09	2016 Not Known, > Not Known		Not Known	Development of Immune Mediated Haemolytic Anaemia, signs initially noted 4 days after vaccination Ongoing reducing steroid treatments.	s. Crossbred	40	Nobivac KC - N/A,N/A,N/A,N/A,N/A (15/09/2016-N/A) - N/A+RR->RR-Nobivac L Suspension for Injection for Dogs- 1,N/A,N/A,Complete vaccination vial (15/09/2016- N/A) - BR> - SR>	B - Possible	Immune Mediated Haemohyltic Anaemia is one of the known possible adverse reactions of Nobivac L4 and temporal association is close. Two vaccines administered.
NOBIVAC L4	UK-VMD-5563/17	United Kingdom	Animal	Canine/dog	8 Year(s)	19/09/2017	10/10/2017	1	1 20/09	Known, > < Not Known, > < Not Known, <br< td=""><td>3R> shock,Circulatory collapse (see als 'Neurological' and 'Systemic</td><td>Not Known so n</td><td>History of Inthurgy, Presented with hypoxelemic Nock approx 24 hours after vaccination and collapsed. Heamonabomen and ECCHIORNOSE were detected. Suspected refoorticle dispersion, Treated with Blood transfusion, Vit K, OZ. Died of Disseminated intravascular coagulation (DIC) approx 24 hou after initial signs.</td><td>Norfolk d Terrier rs</td><td>8.4</td><td>Milgro 12.5 mg/12.5 mg Film-coated Tablets for Ops. — 1,1/A.N/A N/A.N/A (16/06/2017 · N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A</td><td>O1 - Inconclusive</td><td>Temporal relation is strong. Cannot exclude product involvement however, signs are not expected and the vest supercised and the vest supercised redirective ingestion. Two vaccines and two antiparasitist products were given concurrently in the same days.</td></br<>	3R> shock,Circulatory collapse (see als 'Neurological' and 'Systemic	Not Known so n	History of Inthurgy, Presented with hypoxelemic Nock approx 24 hours after vaccination and collapsed. Heamonabomen and ECCHIORNOSE were detected. Suspected refoorticle dispersion, Treated with Blood transfusion, Vit K, OZ. Died of Disseminated intravascular coagulation (DIC) approx 24 hou after initial signs.	Norfolk d Terrier rs	8.4	Milgro 12.5 mg/12.5 mg Film-coated Tablets for Ops. — 1,1/A.N/A N/A.N/A (16/06/2017 · N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N-K-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A	O1 - Inconclusive	Temporal relation is strong. Cannot exclude product involvement however, signs are not expected and the vest supercised and the vest supercised redirective ingestion. Two vaccines and two antiparasitist products were given concurrently in the same days.
NOBIVAC L4	UK-VMD-5566/16	United Kingdom	Animal	Canine/dog	2.17 Year(s)	07/10/2016	28/10/2016	1	0 09/10	2016 Not Known	Injection site swelling, Injection site mass	e Not Known	Swelling and hard mass on injection site appeared approx 2 days after vaccination. Outcome unknown	n. English Springer Spaniel	16.1	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,one dose (07/10/2016-N/A) 	B - Possible	Timing/clinical signs suggest a product involvement
NOBIVAC L4	UK-VMD-5566/17	United Kingdom	Animal	Canine/dog	2.33 Year(s)	27/09/2017	10/10/2017	1	0 03/10	2017 Not Known, > <bnown< td=""><td></td><td>Not Known</td><td>Trachetts resulting in coughing 6 days after vaccination. Animal was still coughing at the time of the reporting. Ongoing</td><td>Lhasa Apso</td><td>4.95</td><td>Nobivac KC - 1,N/A,N/A,N/A,Given 1 standard dose (27/09/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (27/09/2017- N/A) </td><td>N - Unlikely</td><td>Cannot exclude product involvement and temporal relation is strong but signs are more compatible with KC vaccine</td></bnown<>		Not Known	Trachetts resulting in coughing 6 days after vaccination. Animal was still coughing at the time of the reporting. Ongoing	Lhasa Apso	4.95	Nobivac KC - 1,N/A,N/A,N/A,Given 1 standard dose (27/09/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (27/09/2017- N/A) 	N - Unlikely	Cannot exclude product involvement and temporal relation is strong but signs are more compatible with KC vaccine
NOBIVAC L4	UK-VMD-5567/16	United Kingdom	Animal	Canine/dog	4.02 Year(s)	11/10/2016	28/10/2016	1	0 12/10	2016 Not Known, > Not Known		Not Known	Dog usually has diarrhoea after each vaccine but it was much worse this time. Started approx 12 hou after vaccination, recovered after 5 days.	rs English Cocker Spaniel	18.6	Nobivac DHPP, lyophilisate and solvent for suspension for injection for dogs - N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,	B - Possible	Timing/clinical signs suggest a product involvement. The dog had had the same reaction various times before. Two vaccines administered.
NOBIVAC L4	UK-VMD-5599/15	United Kingdom	Animal	Canine/dog	3.5 Year(s)	07/12/2015	21/12/2015	1	0 13/12	2015 Not Known, 	BR	Not Known	Injection site abscess (ID cm x 6 cm) within 6 days of vaccination. Drained 25 ml punient fluid. Outcome unknown, further treatments unknown. No further information expected.	Akita	48.5	Canaural Ear Drops, Suspension for Dogs and Cats - N/A,N/A,N/A N/A,unknown dates (N/A- N/A)-BRR-GBR-NObbixac DHPPI- 1.N/A,N/A,10.7m (107/12/2015- N/A)-BRS-GBR-NObbixac L4 Suspension for Injection for Dogs- 1.N/A,N/A, N/A,None vial along with nobbixac DH (07/12/2015- N/A)-BRR-NBRN	B - Possible	Clinical signs are consistent with possible injection size reaction. Onset is consistent. Product involvement is probable. 2 products used.
NOBIVAC L4	UK-VMD-5599/17	United Kingdom	Animal	Canine/dog	2.25 Year(s)	30/09/2017	11/10/2017	1	0 30/09	2017 Not Known, > Not Known		Not Known	Owner reported off colour, vomitting less than 24 hours after administration. Not presented to the practice for clinical exam. Reaction duration 24 hours	Border Terrier	8.3	Nobivac KC - 1,N/A,N/A,N/A,N/A (30/09/2017-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A,N/A,N/A (30/09/2017- N/A) >BR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-5616/17	United Kingdom	Animal	Canine/dog	10 Year(s)	02/10/2017	12/10/2017	1	0 02/10	Z017 Not Known, > Not Known		Not Known	Vomited once within 12 hours of being vaccinated, no other signs. Reaction duration 2 hours. Been or Onsior 40mg one tablet daily since 29/9 but not vomitted until 12 hours after vaccine	n Crossbred	30	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,One vaccination dose of L4 (02/10/2017-N/A)<	B - Possible	Timing/clinical signs suggest product involvement.
NOBIVAC L4	UK-VMD-5618/14	United Kingdom	Animal	Canine/dog	1 Year(s)	24/11/2014	10/12/2014	1	0 24/11	Z014 Not Known, ×BR×BR> Not Known, ×BR> Not Known, Not Not Known	BR	Not Known	Allergic cedema of the muzzle 4 hours post vaccination. Recovery by the next day without any treatment.	Miniature Dachshund		Nobivac DHP - 1,N/A,N/A, 24,N/A (24/11/2014-N/A)-BRR-Nobivac Kc - 1,N/A,N/A, 24, do sage form-single (24/11/2014-N/A)-BRBR-Nobivac L4 N/A)-BRBR-Nobivac L4 Suspension for injection for Dogs-1,N/A,N/A, 24,N/A (24/11/2014-N/A)-BRGBR->	B - Possible	Close time association, possible hypersensitivity reaction but multiple products used.

NOBIVAC L4	UK-VMD-5620/16	t to the al	Antonia	Carles (das	4 40 1/2(-)	02/11/2016	02/11/2016	al al	0 02/44/2	16 Yes, <	No metrico	No Boto	Vomiting within 30 minutes of vaccination. No previous reactions. Recovery within one hour followin	g Border Collie	45.7	Nobivac DHP - 1,N/A,N/A,24,Yearly	B - Possible	Formation and the Management of the Company of the
		Kingdom	Animai	Canine/dog	1.19 (ear(s)			1 1	0 02/11/2	R>GR>GR>Yes GBR>GRP BR>GRP BR>GR>Yes	voming	NO Data	unspecified treatment. No further information available.		15.7	DHP/L4 vaccination given SC and KC vac given intransally (02/11/2016-N/A) <br-sr-sr-nobbvac (02="" -="" .24.n="" 1.n="" 11="" 2016-n="" a="" a)<<="" a)<br-sr-sr-nobbvac="" a.n="" a.na="" dogs="" for="" injection="" kc="" l4="" suspension="" td=""><td></td><td>Emesis can occur following vaccination; close temporal association, three vaccines administered.</td></br-sr-sr-nobbvac>		Emesis can occur following vaccination; close temporal association, three vaccines administered.
NOBIVAC L4	UK-VMD-5621/16	United Kingdom	Animal	Canine/dog	3 Year(s)	20/10/2016	02/11/2016	1 1	0 31/10/2	16 Yes, <cbr><cbr>Yes</cbr></cbr>	Injection site swelling	No Data	Injection site swelling within 11 days of vaccination. No previous reactions. Outcome unknown. Nothing further available.	Great Dane	68.2	Nobivac DHP - 1,N/A,N/A,N/A,one vial dhp and I (20/10/2016- N/A/&R><8R>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (20/10/2016- N/A/&RR><8R>	B - Possible	Injection site swellings known to occur following vaccination. Two products used (B)
	UK-VMD-5631/15	United Kingdom	Animal	,,,,	7.25 Year(s)		16/12/2015	1 1	0 09/12/2	Known, BR >BR>BR>CBR Not Known, BR >BR>CBR Not Known	inflammation, Injection site abscess, Hyperthermia, Anorexia	Not Known	Injection site abscess, hyperthermia, lethargy and ancrexia less than 7 days post Nobivac L4, DHPPI ar KC. Drained and lanced, severe injection site inflammation. Outcome unknown.	Spaniel		S Nobina C DHPPI - N/A,N/A,N/A ,N/A,N/A (04/12/2015- ,N/A,N/BR-GBR-Nobinac KC - ,N/A,N/A,N/A,N/A,N/A (04/12/2015- ,N/A-BR-SBR-Nobinac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (04/12/2015- ,N/A)-BR-SBR-	B - Possible	Three products used together, 2 injectables. Signs are likely due to one or both products. Overall possible involvement.
	UK-VMD-5639/14	United Kingdom	Animal	,,,,,	5.92 Year(s)		11/12/2014	1 1		14 Not Known	Tachycardia,Malaise,Pyrexia,Immu ne mediated haemolytic anaemia	Not Known	Malaise 24 hours post 2nd dose vaccination vaccination. No improvement noted over the next 2 weeks, treated with controsteroids. Pyrexis, achycardia and pale mucous membranes. Diagnosed with immune mediated haemolytic anaemia. The dog had been reported to have malaise following 1s dose vaccination 1 month earlier but had recovered with no treatment.	Chihuahua		5 Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 dosage form - single (06/10/2014- 03/11/2014) 	B - Possible	Close time association but other potential causes are possible.
	UK-VMD-5645/14	United Kingdom	Animal			01/12/2014		1 1	1 04/12/2	Known, Known, SBR> <br </br Not Known, SBR> 	(see also Central nervous system depression in 'Neurological'),Reluctant to move,Localised pain NOS (see other 'SOCs' for specific pain),Off colour,Abnormal test result,Hyperalbuminaemia	Not Known	Lethurgy, localised pain and lameness of the left hindleg 3 days post vaccination. Treated with Carpriece and Dornal given. Nor further lameness but started with ancress, lethragy and emesis. Carpriece stopped 2 days later and Zantas started, Immune mediated heemolytic ansemia diagnosed days after this, blood test showed anamein and hyperal bunniamenia Ultrasound showed enlarged spleen and possibly an abnormal kidney. Pale mucous membranes and tachysardia 1 month later. Treatment started with cyclosporin. Euthanised 2 days later. Nothing further.	Crossbred 2		Orontal Flus Flavour Bone Shaped Tablets - NJA,NA/N,A/N,A/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	B - Possible	Close time association, 2 products used, other causes are possible.
NOBIVAC L4	UK-VMD-5650/17	United Kingdom	Animal	Canine/dog	2.5 Year(s)	04/10/2017	12/10/2017	1 1	0 11/10/2	17 Not Known	Pruritus,Localised hair loss	Not Known	Fur loss and pruritis over caudolateral gluteal region and proximal to right hock medially. Had previous exposures with no reactions. Outcome unknown.	s Crossbred	6.5	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Annual (04/10/2017-N/A) 	O1 - Inconclusive	Temporal relation is not strong but still compatible with product involvement, however the signs are not localised at injection site therefore are not expected.
NOBIVAC L4	UK-VMD-5651/16	United Kingdom	Animal	Canine/dog	3.19 Month(s)	28/10/2016	02/11/2016	1 1	0 28/10/20	16 Not Known	Injection site pain, Vocalisation, Reluctant to move	Not Known	Intense pain over dorsal neck/shoulder region, yelping, reluctant to move, not pyrexic. Signs appeared approx 6 hours after vaccination, recovered 1 day later, treated with Meloxicam.	Crossbred	3.9	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (28/10/2016-N/A) RS> Nobivac L4 Suspension for Injection	A - Probable	Other causes are possible Timing/clinical signs suggest a product involvement
NOBIVAC L4	UK-VMD-5656/17	United Kingdom	Animal	Canine/dog		06/10/2017	13/10/2017	1 1	0 06/10/2	17 Not Known, BR> BRS-CBR Not Known, CBR> >BR >CBR NOT Known	Injection site swelling.Injection site pain	Not Known	Swelling in arrea vaccinated less than 6 hours after vaccination, but also microchipped there so hard to distinguish. Painful on palpation. Treated with NSAID's and Meloxicam. Reaction duration 12 hours	Canine/dog	2.8	Identification Chip - N/A,N/A,N/A 24,Not Applicable (06/10/2017- 06/10/2017)-EBRBBR-Nobiwac DHP- N/A,N/A,N/A,N/A, III Unknown 1 Animal (06/10/2017- N/A)-EBRGBR-Nobiwac L4 Suspension for Injection for Dogs- N/A,N/A,N/A, III Unknown 1 Animal (06/10/2017-N/A)-BBR->BR>	B - Possible	Triming/clinical signs suggest product involvement. 2 vaccines and microchipped at the same time
	UK-VMD-5660/17	United Kingdom	Animal		1.25 Year(s)		17/10/2017	1 1	0 11/10/2	Known, Known, SR> Not Nonyn, Known, KNOWN, KNOWN, Not Known	Injection site haematoma,Injection site seroma	Not Known	The dog was vaccinated on 18/09/17 with Nobivac DHP and Nobivac L4. On the 11/10/17 the dog ha a seroma/hamentom at either injection sied of Nobivac DHP/L4 or could be reaction to ID chip as located between shoulder blades. No further information.	d Beagle	12	ledentification Chip - N/A/N/A/N/A J/A,1 Implant Unknown 1 Animal (18/09/2017-8R>-6BP-Nobivac DHP- 1,N/A/A) A N/A,One vial of DHP (18/09/2017-18/PS-BR>-Nobivac L4 Suspension for Injection for Dogs- 1,N/A/A/A, N/A,I nl Unknown 1 Animal (18/09/2017-8 1,8/09/2017-8)	B - Possible	Site and weak temporal association. Three products used. Product involvement is possible.
	UK-VMD-5665/17	United Kingdom	Animal		1.33 Year(s)		13/10/2017	1 1	1 22/09/2	Known, Known, SR> Not Known	stroke,Uncomfortable,Pyrexia,Deal it,Panting	Not Known t	Following vaccination on 18/09/17 with Nobiwa ct J and Nobiwac DHP, the 1.3 year old, male Chow Chow dog developed a number of signs from 22/09/17. The reporter states that the grant by him being restless and not sleeping, just wandering around our flat. It then progressed to him looking uncomfortable, so I took him outside as I thought he may have an upset stomach and diarnhose. He did seem constipated. When we came back home he started panting heavily and throwing up. He didn't want to led flown and just stood in first of his first Lihen took him to our energency vet, who realised he had a fewer of 4.25 and diagnosed him as having heat stroke. I was baffed as it had not been hot outside that day and we very carefully monitored the temperature indoors (especially as he was a Chow). They then tried to cool him down, took blood tests which were inconclusive and he passed away a few hours steer. It later realized the only thing unusual that had happened earlier in the week was his vaccines. After doing some research, it seems that this vaccine has caused many other does to oas a work.	Chow Chow	28	Noblac DIP - 1.N/A.N/A. 24.N/A (18/09/2017)-BR>-CBR>Noblac L4 Suspension for injection for Dogs- 1.N/AN/A. 24.1 was the first time he had received this vaccine. (18/09/2017-18/09/2017)-BR>-CBR>	O1 - Inconclusive	Close temporal association and product involvement cannot be discounted. Two products used.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	6.75 Year(s)	18/11/2015	17/12/2015	1 1	0 19/11/20	15 Not	Pruritus	Not Known	Pauritus of the ventral neck 24 hours post vaccination with Noblacc DHP, L4 and KC. Unknown if any total containing the Recovery 2 weeks later. History of a previous adverse reaction to these vaccines but details unknown.	Border Collie		Nobivac DHP - 1,N/A,N/A,10,1ml, once every 3 years (18/11/2015- N/A)-BR>-SBR>NObivac KC - 1,N/A,N/A,24,N/A (18/11/2015- N/A)-BR>-CBR>-NObivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,N/A (18/11/2015- N/A)-BR>-BR	O1 - Inconclusive	3 products administered concurrently, signs are unexpected, other causes are possible.
NOBIVAC L4	UK-VMD-5686/15	United Kingdom	Animal	Canine/dog	6.5 Year(s)	19/11/2015	18/12/2015	2 1	0 19/11/2	15 Not Known, BR > BR>CBR Not Known	Distress,Self trauma,Erythema (for urticaria see Immune SOC),Pruritus	Not Known	Prurtus, eythema, self trauma and distress in 1 our of 2 dops starting 6 hours following Nesgard Spectra administration. Nobbace L4 secretation was administered the same day. Unspecified treatme given, signs were ongoing when case reported 1 month later.	Shih Tzu	10.5	Nexgard Spectra 18.75 mg / 3.75 mg Chewable Tablets for Dogs - 1,N/A/N/A,N/One tablet given (19/11/2015-N/A)-BR>-BR>-Nobiva (19/11/2015-N/A)-BR>-BR>-Nobiva 4. Suspension for Injection for Dogs 1,N/A/N/A, 24,N/A (19/11/2015- N/A)-BR>-BR>	O - Unclassifiable/unassessa ble	Close time association but signs are unexpected, administered concurrently with Nexgard which is known to cause pruritus.

	UK-VMO-5687/17	United Kingdom	Animal	Canine/dog	3.29 Month(s)	09/10/2017	17/10/2017	1	1 0	11/10/2017	Not Known, BR>BR>BR> Not Known, >BR>BR>BR >>BR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR>CBR >>BR >>	Quiet_Lehargy (see also Central nervous system depression in 'Neurological'].Ageetite loss_Diarrhoea,Vomiting	Not Known	The dog was given the first vaccination on 9/10/12 with Nobivac DHP and 14 and given a wormer (Berguess) Milquanted. On 11/10/17 the second day after vaccination the dog was quiet and decreased appetite and on the fourth day had diarrhose and fifth day womited once. Nothing specific on examination: temperature 37.7c, membrane colour and hydration normal, abdome relaxed. Given yudgest sachet to settle degestion. Nothing further. Follow up case reported to MAH on 17 of 2017. Female entire Childhau, weighing of 1979am (state of brit his haly 2017) was given a vaccination of Nobivac DHP and 14 as well as a Milquantel on 9th October 2017. On the 11th October 2017, the dog was lething; and inappetant and vomited ence on the Earl October 2017. The dog had diarhean on the his Childhau of the Chi	А	0.67	Milliquantel 2.5 mg Tablets for Small Dogs and Pupples Weighing at Least 0.5 sig. NI/AN/AN/A NA/Linknown Nor applicable Unknown (09/10/2017- 09/10/2017)-BRPBBN-Nobiwac DHP- 1A/NA/A, Junit (09/10/2017- 09/10/2017)-BRNBBN-Nobiwac LA Suppension for Injection for Dogs - Suppension for Injection for Dogs - 1. NI/AN/A, Junit 100 see Not applicable 1. Animal (09/10/2017)- 09/10/2017)-BRNBBN-	O1 - Inconclusive	Close temporal association. Non specific signs with other possible causes in a dog of this age. Three products given.
NOBIVAC L4	UK-VMD-5688/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	21/09/2017	26/10/2017	1	1 1	24/09/2017	Not Known, -BR> >BR> Not Known	Naemorhagic diarrhoea, Bloody diarrhoea, Vonting Finlarged Ilver, Pulmonary congestion, Death, Inappetence, Mal aise, Almormal necropsy finding, Subdued	Not Known	The dog was vaccinated on 21/09/17 with Nobbacc DNP and Nobbacc La. The reporter states that during Sunday night 24/91/71 the Gay was sick and unwell. Nonday morning 25/91/71, the Gay was sick and unwell. Nonday morning 25/91/71, the Gay was sick and unwell. Nonday morning 26/91/71, the Gay was sick and unwell. Nonday morning 26/91/71, the Gay was sick and very subdued, at vest 3.0 given and sickness plb, not any better after giving her water didn't eat, reporter rang again at 3.0 given Monday afternoon, took her back to the vest where the vest squeezed her turnmy and millsly brown/blood came out she looked terrible, stayed at the vets overnight where the ded at 14 months oid. 25/10/17 N/C update from medical history - 21/09/17 vaccination Nobbo DNP and 14 - reexamined at vet practice 26/09/17 Vorniting 2 days , no food yesterday, no diarrhoe agreen treatment - returned later the same dy- further vorning for 10 fluids - passed watery haemornhage diarrhoea in consult - unfortunately she passed away overnight. Postmortem camination initial investigation in vet practice and samples ser for histopathology. Awalf further information. 26/10/17 N/C update. PM examination summary from veterinary practice. Mouth - 1, pages, otherwise NAI No obstruction in playnut, Eyes NAD. Thorax - lungs NAD - hypostatic congestion left side. No evidence inhalation. Heart NAD. Heart blood clotted. Adob - Stomach - thickned wall near pylorus. Luglid Grotenters - 1, blook). No obstruction in Norax - lungs NAD - hypostatic congestion and provided edges. Calibidoter Iuf. Spelen NAD. Contents also watery and bloody. Liver sit enlarged with rounded edges. Calibidoter Iuf. Spelen NAD. Contents also watery and bloody. Liver sit enlarged with rounded edges. Calibidoter Iuf. Spelen NAD. Contents also watery and bloody. Liver sit enlarged with rounded edges. Calibidoter Iuf. Spelen NAD. Contents also watery and bloody. Liver sit enlarged with rounded edges. Calibidoter Iuf. Spelen NAD. Contents also watery and bloody. Liver sit enlarged with roun	Shih Tzu	3	Noblac DIP - 1.N/A/N/A 24.1 ml 1 Aminal (12/09/2017): RBR-Noblac L4 Supersion for Injection for Dogs - 1,N/A/N/A 24.1 Dose 1 Animal (21/09/2017): RBR-NBR-Noblac L4 Supersion for Injection for Dogs - 1,N/A/N/A 24.1 Dose 1 Animal (21/09/2017): RBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-NBR-	O1 - Inconclusive	Close temporal association with product use and limited investigation product involvement is inconclusive. Two products used.
NOBIVAC L4	UK-VMD-5689/17	United Kingdom	Animal	Canine/dog	10 Year(s)	06/10/2017	15/10/2017	1	1 0	12/10/2017	Not Known,
 Not Known</br 	Cough	Not Known	The dog was vaccinated with Nobivac KC and Nobivac L4 on 6/10/17. On 12/10/17 the dog was coughing particularly in the morning-this lasted for 4 days. Nothing further.	Crossbred	14.3	Nobivac KC - 1,N/A,N/A, 24,1 intransal dose reconstitued with diluent (06/10/2017- 06/10/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (06/10/2017- 06/10/2017/BR>-BR>	N - Unlikely	Coughing would not be expected following use of this product. Intransasi vectice also administered at same time is a more likely cause of clinical signs. Product involvement is unlikely.
NOBIVAC L4	UK-VMD-5697/15	United Kingdom	Animal	Canine/dog	3 Month(s)	15/12/2015	18/12/2015	1	1 0	15/12/2015	Not Known,
 Not Known</br 	Injection site inflammation,Injection site oedema	Not Known	Injection site inflammation and oedema within 6 hours of Nobinec DHP and LL. Organing at the time of reporting. An unknown treatment had been given. No further information expected.		8	(15/12/2015-NA) Nobivac DHP - 1,N/A,N/A, 24,1 DOSE (15/12/2015-N/A) SBR>Obivac DH L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,N/A (15/12/2015-N/A) SBR> SBR>	B - Possible	Signs are consistent with probable involvement of one or both vaccines.
NOBIVAC L4	UK-VMD-5699/15	United Kingdom	Animal	Canine/dog	3 Month(s)	08/12/2015	21/12/2015	1	1 0	13/12/2015	Not Known, Not Known, Not Known	Injection site abscess,injection site lump	Not Known	Injection Site abusesis (Jump) 53 days post Nobbac DHP. Lepto 4 and concurrent Milbeworm [assumed for small dogs based on weight]. Treatment with Betamox LA and Loxicom. Outcome unknown. No further information expected.	Schnauzer	4.9	Milbeworm 2.5 mg/25 mg Film- coated Tablets for Small Dogs and Pupples - N/A/N/A N/A/N/A (08/12/2015-N/A) <br-nobivac DHP - 1,N/A/N/A 241 Dose (08/12/2015-N/A)<br-nobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A 241 Dose (08/12/2015- N/A)<br-n-sr-nobivac< td=""><td>B - Possible</td><td>Clinical signs are likely to be associated with administration of one or both of the injectable products used.</td></br-n-sr-nobivac<></br-nobivac </br-nobivac 	B - Possible	Clinical signs are likely to be associated with administration of one or both of the injectable products used.
	UK-VMD-5703/15	United Kingdom	Animal	Canine/dog	5 Year(s)	02/12/2015	18/12/2015	1	1 0	03/12/2015	Not Known, BR >BR>BR>CBR> Not Known	Diarrhoea, Emesis	Not Known	Emesis and diarrhoea within 12 hours of Nobivac L4 and DHP. An unknown treatment was given. Outcome unknown.	Crossbred	7.5	Nobivac DHP - N/A,N/A,N/A N/A,N/A (02/12/2015- 02/12/2015):CBR>-CBR>-Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A (02/12/2015- N/A)-CBR>-CBR>	B - Possible	Onset and signs are consistent with possible product involvement e.g. vaccine hypersensitivity. Another product was also given and the signs are not specific. Overall involvement is possible.
NOBIVAC L4	UK-VMD-5707/17	United Kingdom	Animal	Canine/dog	3.42 Year(s)	28/09/2017	19/10/2017	1	1 0	06/10/2017	Not Known	Injection site lump, Injection site mucopurulent discharge, Injection site abscess	Not Known	Following vaccination with Nobivac L4 on 28/9/17, the dog developed a grapefult sized fluid filled lump on back of neck by 6/10/17. Lanced and blood tinged pus drained -Amoxiclav and Meloxicam treatment. Nothing further:	p American Cocker Spanie	9.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml Unknown 1 Animal (28/09/2017- 28/09/2017) 	A - Probable	Close temporal and anatomic association. Act of administration can result in introduction of infection - product involvement is probable.
NOBIVAC L4	UK-VMD-5723/16	United Kingdom	Animal	Canine/dog	7.7 Year(s)	03/11/2016	15/11/2016	1	1 0	04/11/2016	Yes, <b R> Yes</b 	Facial swelling (see also 'Skin'),Urticaria,Facial oedema,Hives (see also 'Skin')	No Data	Urticaria, facial iswelling/ordebma, hives within 24 hours of vaccination and milbernax (best guess) administration. Outcome unknown. No previous reactions. No further information available.	Beagle	19.1	Milbemax Tablets for Dogs - 1,N/A,N/A,24,1 Dose (03/11/2016- N/A/&R> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose (03/11/2016- N/A/&BR> 	A - Probable	Type I hypersensitivity signs most probably attributable to vaccination. Close temporal association.
NOBIVAC L4	UK-VMD-5726/17	United Kingdom	Animal	Canine/dog	2 Month(s)	16/10/2017	17/10/2017	1	1 0	16/10/2017	Not Known, Not Known, Not Known	Vocalisation	Not Known	The puppy was vaccinated with Nobbac DHP, L4 and KC on 16/10/17. The puppy showed extreme vocalisation after administration of the vaccine. Lasted for about 1minute. No further information.	Crossbred	1.45	Nobivac DHP - 1,N/A,N/A, 24,N/A (16/10/2017- 16/10/2017)-BR>~BR>Nobivac KC - 1,N/A,N/A, 24,N/A (16/10/2017- 16/10/2017)-BR>~BR>Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 24,N/A (16/10/2017- 16/10/2017-BR>~BR>	B - Possible	Close temporal association with vaccination. Three products administered.
	UK-VMD-5738/15	United Kingdom	Animal		8.58 Year(s)	20/11/2015	22/12/2015	1	1 0	22/11/2015	Not Known,
 Not Known</br 	Colitis, Diarrhoea, Anorexia	Not Known	Collist good first E4 and DPPP starting within 24 hours and lasting for 4 days. Following second L4: diarrhees and annexist. Treatment with bland diet. Recovery after an unknown time. No further information expected.	Skye Terrier	Not Known	Nobivac DHPPI - N/A,N/A,N/A N/A,N/A (22/11/2015- N/A) >Obivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,Given booster with new L4 20/11/15, then 2nd vacc 4 weeks later (20/11/2015- N/A\SBN>6BR>	B - Possible	Signs recurred on rechallenge but two products were given during first dose. Possible involvement.
NOBIVAC L4	UK-VMD-5743/14	United Kingdom	Animal	Canine/dog	9 Year(s)	08/12/2014	18/12/2014	1	1 0	09/12/2014	Not Known,
 Not Known</br 	Limb weakness	Not Known	Limb weakness of the right foreleg and right hindleg 24 hours post vaccination. Improvement noted following unspecified treatment but still ongoing 8 days later.	Not Applicable	Not Known	Nobivac DHP - 1,N/A,N/A,24,N/A (08/12/2014-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,1 vial (08/12/2014- N/A) 	O - Unclassifiable/unassessa ble	Signs noted 24 hours post vaccination but signs are inconsistent with vaccine reaction due to affecting two limbs on one side of body, but product role cannot be ruled out.

NOBIVAC L4		United Kingdom	Animal	Canine/dog	1.4 Year(s)	05/11/2016	10/11/2016	1	0 05/1	1/2016 Yes,< R×B	 <b BR> Yes</b 	Diarrhoea, Facial oedema, Lethargy (see also Central nervous system depression in "Neurological"), Urticaria	No Data	Facial oedems, cutaneous urticarial lesions, diarrhoes, lethargy within 6 hours of vaccination. Recovery within 6 hours following unspecified treatment. No previous exposure. No further information available. Case received to MMH on 10 Nov 2016. Suspected Adverse Reaction. On 5 Nor 2016, dog vaccinated with Noblave. LPD and Noblava L4. On the same day that evening, owner reported swelling to muzzle. Dog presented with facial swelling and generalised urticaria but otherwise no other abnormalised deetted. Gloren beaderson, antibitamie nejections and aPriton and dog was sent home for monitoring. On 6 Nov 2016, the clinical signs had fully resolved. No further information sweeted.	Pug v e e	10	dose administered by subcu (05/11/2016-N/A)-BRS- Nobivac L4 Suspension for Injection for Dogs- 1,N/A.N/A.24,1 Dose 1 Animal (05/11/2016-N/A) -BR> 	B - Possible	Close temporal association, clinical signs suggest delayed Type I hypersensitivity reaction. Two products used.
NOBIVAC L4	UK-VMD-5758/15	United Kingdom	Animal	Canine/dog	2.5 Year(s)	17/12/2015	22/12/2015	1	1 0 17/1	Know > <br< td=""><td>wn, <br R> > Known</br </td><td>Periorbital oedema, Emesis (multiple)</td><td>Not Known</td><td>Emesis (multiple) 15-30 minutes post vaccine, periorbital swelling 30 minutes post vaccination. Treatment Q.55 mil Cerenia, 1 mil Ranitidine, 4 mg Piriton. Outcome unknown. No further information expected.</td><td>Pug</td><td>9.5</td><td>Nobivac DHP - 1,N/A,N/A,24,N/A (17/12/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (17/12/2015- N/A) </td><td>B - Possible</td><td>Clinical signs and onset are consistent with probable product involvement.</td></br<>	wn, <br R> > Known</br 	Periorbital oedema, Emesis (multiple)	Not Known	Emesis (multiple) 15-30 minutes post vaccine, periorbital swelling 30 minutes post vaccination. Treatment Q.55 mil Cerenia, 1 mil Ranitidine, 4 mg Piriton. Outcome unknown. No further information expected.	Pug	9.5	Nobivac DHP - 1,N/A,N/A,24,N/A (17/12/2015-N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (17/12/2015- N/A) 	B - Possible	Clinical signs and onset are consistent with probable product involvement.
NOBIVAC L4	UK-VMD-5765/15	United Kingdom	Animal	Canine/dog	2.45 Month(s)	25/11/2015	22/12/2015	1	1 0 25/1		<br≻br><b BR≻ No</b </br≻br>	Restlessness, Vocalisation, Tachypno ea, General pain (see other SOCs for specific pain), Reluctant to move	Other	Restlessness, appeared to be in pain (coded general pain), tachypnoea, letharpy and socialisation starting within 1 hour post vaccination. Recovery 8 hours later with no treatment given.	Crossbred	3	Nobivac DHPPI - 1,N/A,N/A 24,Charlie had a dose of DHPPI reconstituted with L4 injected together subcutaneously. (25/11/2015-N/A)+BR8BR>Nobivac L4 Suspension for injection for Dogs 1,N/A,N/A, 24,N/A (25/11/2015- N/A)+BR>BR>-	B - Possible	Close time association, 2 products administered, signs are non-specific.
NOBIVAC L4	UK-VMD-5767/17	United Kingdom	Animal	Canine/dog	6.92 Year(s)	12/09/2017	18/10/2017	1	1 1 17/0	9/2017 Not K	Known	Death by euthanasia, Malaise	Not Known	My dog had her annual booster on the Tuesday and she was very unwell from the following Sunday an two weeks later I had to have my dog put to sleep	d Rhodesian Ridgeback	44.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (12/09/2017-12/09/2017) 	O - Unclassifiable/unassessa ble	Insufficient information
NOBIVAC L4	UK-VMD-5773/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	17/10/2017	18/10/2017	1	1 0 17/1	> <br Not Know ><br< td=""><td>wn, BR R>BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR</td><td>Hives (see also 'Skin'),Restlessness,Panting,Facial oedema</td><td>Not Known</td><td>On 17/10/17 the dog was vaccinated with foblivac DHP, L4 and KC. Within one hour the dog had facia oedema, hives on feet, restless, panting.</td><td>i Pug</td><td>8.3</td><td>Nobivac DHP - 1,N/A,N/A, 24,N/A (17/10/2017- 17/10/2017- 17/10/2017- 18R>-BR>Nobivac KC - 1,N/A,N/A, 24,N/A (17/10/2017- 17/10/2017-BR>-BR>Nobivac L4 Suspension for Injection for Opgs - 1,N/A,N/A, M/A,1 dose (17/10/2017-17/10/2017)-BR>-BR></td><td>B - Possible</td><td>Close temporal association. Suspected hypersensitivity. Three products used.</td></br<></br 	wn, BR R>BR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR>CBR	Hives (see also 'Skin'),Restlessness,Panting,Facial oedema	Not Known	On 17/10/17 the dog was vaccinated with foblivac DHP, L4 and KC. Within one hour the dog had facia oedema, hives on feet, restless, panting.	i Pug	8.3	Nobivac DHP - 1,N/A,N/A, 24,N/A (17/10/2017- 17/10/2017- 17/10/2017- 18R>-BR>Nobivac KC - 1,N/A,N/A, 24,N/A (17/10/2017- 17/10/2017-BR>-BR>Nobivac L4 Suspension for Injection for Opgs - 1,N/A,N/A, M/A,1 dose (17/10/2017-17/10/2017)-BR>-BR>	B - Possible	Close temporal association. Suspected hypersensitivity. Three products used.
NOBIVAC L4	UK-VMD-5788/14	United Kingdom	Animal	Canine/dog	8.5 Year(s)	18/11/2014	19/12/2014	1	0 18/1	1/2014 Not K	Known	Behavioural disorder NOS,Diarrhoea,Vomiting,Impaired vision,Clumsy	Not Known	Diarrhoea and emesis 24 hours post vaccination followed by ataxia and impaired vision. The VS advised to change the diet as the owner had been feeding raw vegetables but no improvement noted. Owner described og as more "nostalge" (coded behavioural disorder), but one owner has been ill in hospital. Still ongoing intermittently 4 weeks later.	English Cocker Spaniel	13.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,contents of one vial of vaccine administered (18/11/2014-N/A)<	O1 - Inconclusive	Initial signs close time association but unusual for it to go on as long as this. May be related to diet and diet change.
NOBIVAC L4	UK-VMD-5791/15	United Kingdom	Animal	Canine/dog	8.14 Year(s)	21/12/2015	24/12/2015	1	1 0 21/1	> <br< td=""><td>wn, <br R> Known</br </td><td>Diarrhoea,Vomiting</td><td>Not Known</td><td>Emesis and diarrhores starting 2 hours post vaccination. No treatment given, the dog was not examine by the vet and no further information could be obtained. Outcome unknown.</td><td>d Newfoundland</td><td>86.5</td><td>Nobivac KC - 1,N/A,N/A,24,N/A (21/12/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,1 vial (21/12/2015- N/A) </td><td>O1 - Inconclusive</td><td>Close time association, insufficient information, 2 products administered.</td></br<>	wn, <br R> Known</br 	Diarrhoea,Vomiting	Not Known	Emesis and diarrhores starting 2 hours post vaccination. No treatment given, the dog was not examine by the vet and no further information could be obtained. Outcome unknown.	d Newfoundland	86.5	Nobivac KC - 1,N/A,N/A,24,N/A (21/12/2015-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,1 vial (21/12/2015- N/A) 	O1 - Inconclusive	Close time association, insufficient information, 2 products administered.
NOBIVAC L4	UK-VMD-5795/15	United Kingdom	Animal	Canine/dog	8.67 Year(s)		27/12/2015	1	1 0 24/1	Know > <br Not Know ><br< td=""><td>wn,<br×br r×br=""> wn,<br×br r×br×br=""> Known</br×br></br×br></td><td>Lack of efficacy</td><td>Not Known</td><td>Suspected lack of efficacy, signs of kennel cough 10 months post vaccination having been kept with a puppy with kennel cough. Signs persisted for at least 1 week. Outcome unknown. No further information expected.</td><td>Labrador Retriever</td><td>29.2</td><td>Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (N/A- ,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A</td><td>No assessment performed</td><td></td></br<></br 	wn, <br×br r×br=""> wn,<br×br r×br×br=""> Known</br×br></br×br>	Lack of efficacy	Not Known	Suspected lack of efficacy, signs of kennel cough 10 months post vaccination having been kept with a puppy with kennel cough. Signs persisted for at least 1 week. Outcome unknown. No further information expected.	Labrador Retriever	29.2	Nobivac DHP - N/A,N/A,N/A ,N/A,N/A (N/A- ,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A,N/A	No assessment performed	
NOBIVAC L4	UK-VMD-5798/17	United Kingdom	Animal	Canine/dog	1.17 Year(s)	17/10/2017	23/10/2017	1	1 0 18/1	0/2017 Not K	Known	Weakness, Bloated, Diarrhoea, Abnor mal radiograph finding, Weight loss	Not Known	Sudden noset severe diarrhose, presented very weak and lost 600g since day of Injection. Suspect concidence but a sexcinated day help can't rule out nection. Bloods vist. Radiographs shown gasty colon and caecum. Responded to 2Abours kiff. Case received from the Veterinary Medicines literatoriate Suspected Adverse Reaction Dog was succinated with hobivas Leiped A on 17 Oct 2017. Dog that dreatived Nobivas Leipt of and Nobivas Diet A weeks previously (react date not given) and no reaction occurred. Sudden onset severe diarrhose, presented very weak and lost 600 grams since 18 Oct 2017. Bloods were reported as normal (results not given). Radiographs showed a gasty colon and caecum. The dog was treated with intravenous fluids for 24 hours and reported as responded to treatment. Unknown if fluily recovered. No further information expected.	Dachshund (Standard) Wire-haired	8.1	Nobivac L4 Suspension for Injection for Dogs – 1,N/A,N/A,24nd Lepto 4 injection, 4 weeks (17/10/2017-17/10/2017)<	B - Possible	Close temporal association. Product involvement is possible.
NOBIVAC L4	UK-VMD-5801/15	United Kingdom	Animal	Canine/dog	2.81 Month(s)	29/12/2015	29/12/2015	1	1 0 29/1	> <br< td=""><td>wn, <br R> Known</br </td><td>Hyperthermia, General pain (see other SOCs for specific pain), Anxiety, Malaise</td><td>Not Known</td><td>Anxiety, general pain, hyperthermia and malaise within 6 hours of Nobivac DHP and L4. Outcome unknown. An unknown treatment was given. No further information expected.</td><td>Other Canine/dog</td><td>2.35</td><td>Nobivac DHP - 1,N/A,N/A,10,1ml subcutaneous 2 vials (29/12/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml subcutaneous 2 vials (29/12/2015-N/A) </td><td>B - Possible</td><td>Clinical signs are consistent with possible vaccine reaction; 2 products used.</td></br<>	wn, <br R> Known</br 	Hyperthermia, General pain (see other SOCs for specific pain), Anxiety, Malaise	Not Known	Anxiety, general pain, hyperthermia and malaise within 6 hours of Nobivac DHP and L4. Outcome unknown. An unknown treatment was given. No further information expected.	Other Canine/dog	2.35	Nobivac DHP - 1,N/A,N/A,10,1ml subcutaneous 2 vials (29/12/2015- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1ml subcutaneous 2 vials (29/12/2015-N/A) 	B - Possible	Clinical signs are consistent with possible vaccine reaction; 2 products used.
NOBIVAC L4	UK-VMD-5811/16	United Kingdom	Animal	Canine/dog	5.17 Year(s)	08/11/2016	08/11/2016	1	1 0 08/1	1/2016 Not K	Known	Facial swelling (see also 'Skin'),Wheezing,Tachypnoea,Anaph ylactoid reaction,Allergic pruritus	Not Known	Anaphylactoid reaction starting within 1 hour post vaccination includes allergic oedema of the face, tachypnoea, increased upper respiratory sounds and allergic pruritus of the face. Unspecified treatment given leading to recovery 1 hour later.	Pug	9.9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,N/A,N/A (08/11/2016-N/A) 	A - Probable	Close time association, signs suggestive of anaphylactoid reaction.
	UK-VMD-5838/16	United Kingdom	Animal	Canine/dog	9.19 Year(s)	04/11/2016	09/11/2016	1		R≻B	 <b BR> Yes</b 	Lethargy (see also Central nervous system depression in "Neurological"), Pyrexia, Discomfort NOS	No Data	Lethargic, pyrexic, hunched appearance (coded as discomfort NOS) within 48 hours. Following treatment with arti-inflammatories is much ingroved (exact timings unknown). No previous exposure nothing further.	English Cocker spaniel		Nobivac DHP - 1,N/A,N/A,N/A,Given one vial of DHP and L4 mixed together (04/11/2016- N/A) >-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (04/11/2016- N/A) >-BR>	B - Possible	Timing and clinical signs suggest possible vaccine related reaction: two vaccines used.
	UK-VMD-5839/17	United Kingdom	Animal			06/10/2017	20/10/2017	1		0/2017 Not K	Known	Vomiting,Ataxia,Anorexia,Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	The owner report anneresis, letharge and wobbliness (coded as attaisi) in the £ day's following vaccination, Prior to vaccination he was beathly and no concern. NAD on pre-vaccination clinical earn. They report 1 episode of vomiting on the £/10/2017 but no further. The owners were templing to eat and syringe feeding water in the week following vaccination and on the morning of 15th October the owners report he improved and is now back to his normal self. He has not previously had any vaccinations both this was the first exposure to the learly obscipated in a vaccination.	Crossbred		Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial of vaccine (06/10/2017- 06/10/2017)	B - Possible	Close temporal association although wobbliness and vomiting and duration of clinical signs are not expected. Product involvement is possible.
NOBIVAC L4	UK-VMD-5853/17	United Kingdom	Animal	Canine/dog	1.2 Year(s)	17/10/2017	02/11/2017	1	0 20/1	> <br Not Know ><br< td=""><td>wn, <br R> wn, <br R> Known</br </br </td><td>Injection site mass</td><td>Not Known</td><td>The dog was vaccinated on 17/10/17 with Nobivac DHP, I.4 and KC. On 20/10/17 the dog had a round fluid filled mass around injection site- no more information.</td><td>Nova Scotia Duck Tolling Retriever</td><td>26.9</td><td>Nobixa C HP - 1,N/A,N/A,N/A,N/A (17/10/2017- 17/10/2017)-BRR~BR>Nobixac KC - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (17/10/2017- 17/10/2017)-BR-SBR>Nobixac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (17/10/2017- 17/10/2017-BR-SBR>BR</td><td>B - Possible</td><td>Close temporal and site association – product involvement is possible. Two products used subcutaneously.</td></br<></br 	wn, <br R> wn, <br R> Known</br </br 	Injection site mass	Not Known	The dog was vaccinated on 17/10/17 with Nobivac DHP, I.4 and KC. On 20/10/17 the dog had a round fluid filled mass around injection site- no more information.	Nova Scotia Duck Tolling Retriever	26.9	Nobixa C HP - 1,N/A,N/A,N/A,N/A (17/10/2017- 17/10/2017)-BRR~BR>Nobixac KC - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (17/10/2017- 17/10/2017)-BR-SBR>Nobixac L4 Suspension for Injection for Dogs- 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (17/10/2017- 17/10/2017-BR-SBR>BR	B - Possible	Close temporal and site association – product involvement is possible. Two products used subcutaneously.

NORIVAC I.A	UK-VMD-5857/14	United	Animal	Caning/dog	2 Month(s)	10/11/2014	24/12/2014	1 1	ıl ol	11/11/2014	No. <b< th=""><th>Circulatory collapse (see also</th><th>Other</th><th>Lethargy, collapse, hypothermia and weakness within 6 hours post vaccination. Recovery 2 days later</th><th>Chihuahua</th><th>0.25</th><th>Nobivac DHPPi - 1,N/A,N/A ,24,1</th><th>B - Possible</th><th>close time association but non-specific signs</th></b<>	Circulatory collapse (see also	Other	Lethargy, collapse, hypothermia and weakness within 6 hours post vaccination. Recovery 2 days later	Chihuahua	0.25	Nobivac DHPPi - 1,N/A,N/A ,24,1	B - Possible	close time association but non-specific signs
		Kingdom	, and the second	cumicydog	2 Montaley						R> No	'Neurological' and 'Systemic disorders'), Hypothermia, Weakness, Dull	·	following unspecified treatment.	Cimosinos	0.23	vaccination reconstitutes DHPPI AND L (10/11/2014- NA)CBR-SBR-Nobiwac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 vaccination reconstitutes DHPPI AND L (10/11/2014-N/AL-BR>>BR>		
NOBIVAC L4	UK-VMD-5860/17	United Kingdom	Animal	Canine/dog	2.06 Month(s)	21/10/2017	23/10/2017	1 :	1 0	21/10/2017	Not Known, >Rot Known, >CBR > >CBR>	Ataxia, Hypoglycaemia, Head tilt - neurological disorder	Not Known	The page was vaccinated on \$21,701.7 with Nobbac CHP and Nobbac L4 and microchip was placed Within less than foount the page had action, head till, to whood glucose. Reporter supersc clinical signs related to hypoglycaemic episode rather than vaccine reaction. Similar subsequent episodes in 2 days following. Nothing further.	Pug	0.49	Identification Chip - N/A,N/A,N/A N/A/N/A (21/10/2017- 21/10/2017) <rr>-<rr>-NBR>NObivac DHP- 1,N/A,N/A, 1,0,mi reconstituted with Nobivac L4 supersion for injection for dogs (21/10/2017- 21/10/2017-RR>-RRS-NObivac L4 Suspension for injection for Dogs - 1,N/A,N/A, 1,0/A/(21/10/2017- 21/10/2017 SR>-<rr>-</rr></rr></rr>	O1 - Inconclusive	Close temporal association with vaccination given- symptoms would not be expected and blood results indicated hypoglycaemia – product involvement is inconclusive.
NOBIVAC L4	UK-VMD-5907/16	United Kingdom	Animal	Canine/dog	2.98 Year(s)	12/11/2016	13/11/2016	1 1	1 0	13/11/2016	Not Known	Facial swelling (see also 'Skin')	Not Known	Allergic oedema over the muzzle starting within 24 hours post vaccination. Temperature was normal and no respiratory distress noted. No treatment given, outcome unknown.	English Cocker Spaniel	11.7	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,one dose (12/11/2016-N/A) 	B - Possible	Close time association, possible hypersensitivity reaction.
NOBIVAC L4	UK-VMD-5925/16	United Kingdom	Animal	Canine/dog	3.19 Month(s)	14/11/2016	14/11/2016	1 1	1 0	14/11/2016	Not Known,
 <not known<="" td=""><td>Injection site pain, Lethargy (see also Central nervous system depression in 'Neurological'), Reluctant to move, Not eating</td><td>Not Known</td><td>Owner reports puppy lethargic & reluctant to move or eat 6 hours after vaccination. Owner reports pain at site of vaccination when touched. Puppy not seen after vaccination by vet. Outcome unknown</td><td>West Highland i. White Terrier</td><td>2.3</td><td>Nobivac DHP - 1,N/A,N/A,N/A,1 vial of each (14/11/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (14/11/2016- N/A)>BR> </td><td>B - Possible</td><td>Timing/clinical signs suggest product involvement. Two vaccines administered.</td></not></br 	Injection site pain, Lethargy (see also Central nervous system depression in 'Neurological'), Reluctant to move, Not eating	Not Known	Owner reports puppy lethargic & reluctant to move or eat 6 hours after vaccination. Owner reports pain at site of vaccination when touched. Puppy not seen after vaccination by vet. Outcome unknown	West Highland i. White Terrier	2.3	Nobivac DHP - 1,N/A,N/A,N/A,1 vial of each (14/11/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (14/11/2016- N/A)>BR> 	B - Possible	Timing/clinical signs suggest product involvement. Two vaccines administered.
NOBIVAC L4	UK-VMD-5972/16	United Kingdom	Animal	Canine/dog	5.5 Year(s)	30/06/2016	16/11/2016	1 1	1 0	30/06/2016	Yes	Collapse (see also 'Cardio-vascular' and 'Systemic disorders')	No Data	Collapse within one hour of vaccination. Recovery within 24 hours - unknown whether treatment given. No further information available.	Crossbred	12.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (30/06/2016-N/A) 	B - Possible	Close temporal association although clinical signs unusual and other possible causes of impaired consciousness
NOBIVAC L4	UK-VMD-5980/16	United Kingdom	Animal	Canine/dog	2.17 Year(s)	16/11/2016	01/02/2018	1 1	1 0	16/11/2016	Yes, <b R> Yes</b 	Decreased heart rate,Low blood pressure,Vomiting,Lethargy (see also Central nervous system depression in 'Neurological')	No Data	Lethargy, vomiting (twice), low blood pressure and decreased heart rate within 2 minutes of vaccination. Recovery within one hour without treatment. No previous vaccine related reactions. Nothing further. Case received to Mark on 1 Feb 2018 On 16 Nov 2016, dog was vaccinated with Nobixac DHP and Nobixac L4. Shortly after vaccination - dog collapsed and required intravenous fluid therapy and was hostpialised as had bradycardia and hypotension. Recovery within 24 hours. No further information expected.	Bichon Frise	4.6	Nobivac DHP - 1,N/A,N/A, N/A,1 Vial of DHP and 1 vial of L4 (16/11/2016- N/A) -BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, N/A,1 ml 1 Animal (16/11/2016-N/A) >BR>	B - Possible	Clinical signs can occur following vaccination; two products used
NOBIVAC L4	UK-VMD-5983/16	United Kingdom	Animal	Canine/dog	3.06 Month(s)	28/10/2016	17/11/2016	1 1	1 0	04/11/2016	Yes, <b R>BR>Yes</b 	Injection site swelling	No Data	sever-Subutaneous swelling at nijection site within 7 days of vaccination. CYTOLOGIC INTERPRETATION AMMED MIXED INTERPRETATION. AMMED MIXED INTERPRETATION. AMMED MIXED INTERPRETATION. WITH 11 days. No previous exposure. No further information.	Whippet	5.6	Nobivac DHP - 1,N/A,N/A, 24,N/A (28/10/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,N/A (28/10/2016- N/A) 	B - Possible	Injection site swellings can occur following vaccination. Two products used.
NOBIVAC L4	UK-VMD-6009/17	United Kingdom	Animal	Canine/dog	2.68 Month(s)	19/10/2017	01/11/2017	1 1	1 0	19/10/2017	Not Known	Vomiting,Sleepiness - systemic disorder,Breathing difficulty,Pneumonia	Not Known	The pup was vaccinated with Nobivac L4 on 19/L0/L7. Within 30 minutes of vaccination the pup had violent vomiting, followed by deep sleep. The vomiting lead to breathing problems so saw emergency yet in 48 hours. Apprator poneuronia (coded as pneumonia) has been diagnosed and he is now on iv penicillin. No further information.	French Bulldog	4.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,Second vaccination (19/10/2017- 19/10/2017) 	B - Possible	Timing and clinical signs suggest product involvement is possible although pneumonia would not be expected but may have developed as consequence of the other clinical signs.
NOBIVAC L4	UK-VMD-6045/17	United Kingdom	Animal	Canine/dog	3.4 Year(s)	15/09/2017	09/11/2017	2	1	04/10/2017	Known,
BR> Not Known,
BR> Not Known,
Known, Known, Not Known, Known, Known, Known, Known, </br </br </br 	Increased heart rate Abdominal pain, Diarrhoea, Haemorrhagic diarrhoea, Vomiting Death, Inappete noc., Hypothermia, Lethargy (see al. Central nervous system depression in Neurological), Reluctant to move, Dehydration, Abnormal test result/Hypogylevemia, Tense abdomen, Hyperphosphataemia, Elevated Bluk), Increased packed cell work.	Not Known	18 days after vaccine, severe womit and distributes for 2 days (4-5/10) been hatemorthagic watery distributes for severe hours on 6/10 port to admit. Inappetent for the full 2 days. Owned distors desiderhoes for severe hours on 6/10 port to admit. Inappetent for the full 2 days. Owned distors desiderhoes for severe full the full severe full	Shih Tzu	5.5	Cerenia unidentified - NIAN/A/NA 2-Julinkomun Nikomun (N/A-N/A)-BBGBN-Nobbac L 3 Aspension for Injection for Dogs-1,NI/A/N/A-N/A-DBGBN-Nobbac L 3 (N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-N/A-	O1 - Inconclusive	Is days after vaccine is not a strong temporal relation, however, griss such as vorint and diarhose and inappetence are expected. The deterioration of the signs leading to death are not expected and may have a multifactorial actiology. Overall cannot exclude product involvement but a ssessment is inconclusive.
	UK-VMD-6060/16	United Kingdom	Animal	Canine/dog			30/11/2016	1 1	1 0	06/11/2016	Not Known, BR> Not Known, >CBR> Not Known, Not Known, Not Known, Not Not Known, Not Not Known	Vocalisation, Localised hair loss	Not Known	Owner reports circular area of thinning hair with central point of new hair between shoulder blades, milk bottlet ops sice more noticeable over past 2.3 weeks since had first vaci-ofhocate, not sore did cry at first and a few seconds after injection of 2nd vaccination. Had recent id chip at breeder, throsure which drug might be. It is not clear if the alopecia is at advocate application site or were the vaccine was applied. The vaccine date application is not clear either. Hair is growing back now,	Chihuahua ,		Advocate Spot-on Solution for Small Dogs - 1.N/A.N/A. N/A.1 pipette (1 Day(s) 29/10/2016- N/A)-GRN-GRN-GRN-Identification Chip-N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.	O1 - Inconclusive	NCA agrees with the MAH assessment.
NOBIVAC L4	UK-VMD-6067/16	United Kingdom	Animal	Canine/dog	6.4 Year(s)	21/11/2016	30/11/2016	1	1 0	21/11/2016	Not Known,
 Not Known</br 	Drowsiness - systemic disorder, Lameness, Disorientation, I ncreased respiratory rate	Not Known	Dog started becoming drowsy, increased respiratory rate, seemed lame on right forelimb and boked disorientated starting within 6 hours post vaccination. Unspecified treatment given, recovery 1 hour later.	West Highland White Terrier	9.5	Nobivac KC - 1,N/A,N/A, 24,1 Dose (21/11/2016-N/A)-BRN-SRN-Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,10,Standard 1ml dosage from vaccine single vial was given. (21/11/2016-N/A)-BRN-SRN	B - Possible	Close time association, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-6101/16	United Kingdom	Animal	Canine/dog	4.06 Month(s)	15/10/2016	23/11/2016	1 1	1 0	15/10/2016	Not Known,
 <rp> Not Known</rp></br 	Injection site swelling.Injection site pain	Not Known	Reaction site swelling developed about 2 hours post injection, was painful to touch; swelling resolved over a few hours.	Crossbred	4	Nobivac DHP - N/A,N/A,N/A N/A,Standard Lepto 4 liquid mixed with DHP powder and given as a single injection. (15/10/2016- N/A):BR>-BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (15/10/2016- N/A):BRS-BR	B - Possible	Timing/clinical signs suggest product involvement. Two vaccines administered.

NOBIVAC L4	UK-VMD-6110/16	United	Animal	Canine/dog	3 Month(s)	20/11/2016	23/11/2016	2	1 0	20/11/2016	Not	Swollen face (see also	Not	Anaphylaxis post vaccination. Calla was presented at the practice an hour post inoculation with	Chihuahua	1.8	Nobivac DHP - 1,N/A,N/A ,N/A,One	B - Possible	Timing/clinical signs suggest a possible anaphylactic
		Kingdom									Known, BR >BR>BR>BR> Not Known	'Skin'),Anaphylaxis	Known	swollen face. No hives, fever or respiratory distress. Outcome unknown.			vial mixed with nobivac L4 batch number A053A01 (20/11/2016- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A (20/11/2016- N/AL/BR>		reaction to the vaccine. Two vaccines administered.
NOBIVAC L4	UK-VMD-6144/16	United Kingdom	Animal	Canine/dog	6.08 Year(s)	22/11/2016	25/11/2016	1	1 0	22/11/2016	Yes	Off colour, Vomiting	No Data	Profuse vomiting starting a couple of hours after visit to practice, unable to keep food or water down. Client reports dog was "off colour" after vaccine previous year but not seen in clinic. NAD on general exam when presented 28h post vaccination - dog responded to treatment with ranitidine and marooitant. Nothing further	Crossbred	7.2	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,One vial (22/11/2016-N/A) 	A - Probable	CLose temporal association, clinical signs can occur following vaccination. Possible mild reaction previous year also .
	UK-VMD-6154/17	United Kingdom	Animal	Canine/dog	2.23 Month(s)	31/10/2017	02/11/2017	1	1 0	01/11/2017	Not Known, BR >BR>BR>BR>Not Known	Injection site swelling.Injection site serosanguinous discharge	Known	Large soft swelling over injection site: 22 mis (though some remained) drained by 21 g needle. Blood stained watery fluid. Reaction duration 24 hours	Retriever		Nobivac DHP - 1,N/A,N/A,N/A,1 dose per vial: reconstituted as per manufacturers instructions (31/10/2017-N/A) SBR>-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (31/10/2017- N/A) SBR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	UK-VMD-6156/17	United Kingdom	Animal		2.33 Year(s)		05/12/2017	1	1 0	28/10/2017	Not Known, <b8≻br →BR>GR-GRN Not Known</b8≻br 	Injection site abscess/injection site swelling/injection site serious swelling/injection site serious discharge,Hypersalivation,Skin ocerosis,Skin ocerosis,) Known	Suspected adverse reaction. The dog was vaccinated with Noblouc L4 and Volbivac KC on 27 Cot 2017. On 28 Oct 2017 the dog was off colour with a pairful dorsal neck and pyrexis. Swelling and then abscess formation dorsal neck. Drained area, Artibiotics and IV fluids given but then within 48 hrs marked swelling wartan leek. Tellulistic Good as injection is infection) and further pars formation. Drained again. Situation on agains and dog is hospitalised at present still undergoing treatment. Details reported by Attending Vet to the MM or 3 Nov 2017. Does also described as very flat and off floor on 28 Oct 2017. Also Teated with Paracetamol. Sent home on 30 Oct 2017. 2 Nov 2017. Neck very partial and swolen at site of injection. Attending text estated, drained and cleaned the rare which hastarted sloughing. Treated with Artibiotics and pain relief. Swalt taken in house cytology. *Meed infarmantory inflittate perdominantly mature neutropills in add the od macropillar. Award text and the control of the	Crossbred		Nebbus (K. 1.1N/AN/A N/A.I Dose 1.4 nimal (27):0017-1 1.4 nimal (27):0017-1 27/10/2017)+GR-4BR-Nebbus L4 Suspension for Injection for Dogs - 1,N/A.N/A, N/A,Single dose (27/10/2017-27/10/2017)+GRGBR-	A - Probable	Close temporal and site association. Ascess formation can be to act of administration however product involvement is probable.
	UK-VMD-6163/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	01/11/2017	03/11/2017	1	1 0	02/11/2017	Not Known,
 >CBR Not Known</br 	Swallowing difficult, Swollen lip (see also 'Skin'), Anal oedema	Not Known	The dog wax vaccinated on 01/11/17 with Nobivac DHPPI and Nobivac L4. On 02/11/17 the dog had swelling of lips, difficulty swallowing and anal mucosal protrusion. No information supplied on treatment or outcome.	Shar Pei		Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs - L/NA/NA/NA/NA/1 vial of L4 mixed with 1 vial of DHPPi (01/11/2017- 01/11/2017/-BR-8BR-Nobivac L4 Suspension for injection for Dogs - 1.N/AN/A, N/A,1 vial of L4 mixed with 1 vial of DHPPi (01/11/2017- 01/11/2017-BR-8BR-	B - Possible	Timing and clinical signs suggest product involvement is possible.
	UK-VMD-6186/16	United Kingdom	Animal		2.45 Month(s)	26/10/2015	29/11/2016	5 :	2 2	26/10/2015	Yes	system depression in 'Neurological'),Reluctant to move,Abdominal oedema,Death,Vomiting	No Data	Vomitting, lethargy within 12 hours in 2 of 5 vaccinated. Treated with antiemetic injection however owner returned them to vest be following day as reluctant to move. No noted "sowlling in bely" (coded as abdominal oedema). Death within 3 days of vaccination. First litter of pups and the breeder had waited until 10 weeks old to vaccinate. Nothing further.	Great Dane		Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (1 Year(s) 26/10/2015-N/A) 	O - Unclassifiable/unassessa ble	Although the clinical signs started in close temporal association with the vaccination, it is unclear whether any diagnostics were performed. There are many causes of vomiting/lethargy in pupples. It is also assumed other vaccinations (DIP) would have been administered at the same time however there is no information on these.
	UK-VMD-6197/16	United Kingdom	Animal		2.2 Month(s)	01/11/2016	07/12/2016	1 :	1 0	01/11/2016	Not Known,
BR> Yes, <br R> Yes</br </br 	Flaccid paralysis,Pain NOS	No Data	"Floppy" (coded as flaccid paralysis) and pain (MOS) within 2 hours of vaccination. Recovery within 10 hours without treatment. No previous reactions. Nothing further			Advocate Spot-on Solution for Small Dogs - N/A/N/A,N/A, Dose (N/A-N/A)-SRN-GR>-NObivac DHP - 1,N/A,N/A, N/A,1 vial of DHP reconstituted wi (0).711/2016-N/A)-BRN-GR>-NObivac L4 Suspension for injection for Dogs - 1,N/A,N/A, N/A,1 vial of DHP reconstituted with L4 (0).711/2016-N/A)-BRN-GRP-RECONSTRUCTED AND DESCRIPTION OF THE NOBIVE OF TH	B - Possible	Close temporal association; two vaccinations given.
NOBIVAC L4	UK-VMD-6215/17	United Kingdom	Animal	Canine/dog	1.26 Year(s)	02/10/2017	07/11/2017	2	1 0	02/10/2017	Not Known	Lump	Not Known	Swollen lump on nose less than one hour following vaccination. Reaction duration 5 hours. Owner gave dog piriton after which the swelling came down. Dog has had DHP before without side effects. New L4 Vaccine this time.	Miniature Dachshund	8.45	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vail (02/10/2017-N/A) 	B - Possible	NCA agrees with MAH assessment
	UK-VMD-6221/16	United Kingdom	Animal	Canine/dog	4.1 Year(s)		07/12/2016	1	1 0		Yes, <br R×BR>Yes</br 	Diarrhoea, Vomiting, Breathing difficulty, Skin warmth	No Data	Vomaling, diarrhoea, skin warmth and breathing difficulty within 6 hours of vaccination. Recovery within 2 days, without treatment. Previous reactions have occurred; details unknown. No further information available.	Crossbred	8.64	Nobivac DHP - 1,N/A,N/A N/A,Routine vaccination vial dose (16/11/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, N/A,Routine vaccination vial dose of DHP and L4 combined. (N/A-N/A) 	B - Possible	Close temporal association; GI signs can occur following vaccination however the dyspnoea and enythema are unusual. Two vaccines used.
NOBIVAC 14	UK-VMD-6226/16	United Kingdom	Animal	Canine/dog	8.83 Year(s)	13/10/2016	22/12/2016	1	1	13/10/2016	Yes	Monocytosis. Hyperphosphataemia, Elevated renal parameters. Hypergivaemia, Lethar gy (see also Central nervous system depression in Neurologicai"), Death by euthansia, Polyunia, Collapse (see also C'ardio-vascula" and Systemic disordes? Junable to stand, Elevated BUN. Elevated creatings. Platelet disorder creatings. Platelet disorder urnation, Neuropalia, Oral ulceration, Vornating, Blood in vornit, Polydipsia	. No Data	Polyuria, pohydapia, vontting within 48 hours of first dose of Nobiac L4. Lethargy, vontiling, polyuria, polyydapia, oral valeration, markedy elevated reali parameters: elevated BUN/creatinne/hyperphosphatemia, hyperglycaemia, elevated 54P, eutrophila, monocytosis-within 5 days of second dose of Nobiac L4. Radiographs showed cranial abdominal mass; death by euthanasia on humane grounds. Nothing further. On 28 Sep 2016, reported severe proderma and give Norcolav and started prediscione. On 13 of 2016, dog secinted with Nobiac L4 and an unknown time association afterwards the dog had vomiting, On 10 Nov 2016, dog shad second Nobiac L4. On 1: Nov 2016, dog set sterage and had an indivina scaled in the Ped. On 12 Nov 2016, dogs collapsed and was unable to start, when presented had a sone abdomen on palapston and had an infected right reg. Gene bupercorphine: The dog on this day then developed blood in vomit, mouth ulears and a palapste mass in abdomen with vias confirmed on adlaggals. Blood return. Well 20 31, 50 -15. 70, Nesterophik 2.139 (2.9-11.6), monocytes 4.58 (1.6-11.1), platelets 047 (0.14-0.4), creatinine to high to read and elevated user ja volus are or reference range). A hang bet for cantine parcreasic liques was abnormal and dog has a Hostory of parcreasic. On 12 Nov 2016, the dog was euthanased due to no improvement. No forther information expected.	Yorkshire Terrier	5	Nebbuc L4 Supension for Injection for Dogs -1,1.4 Meeks,N/L,1 vial administered 13/10/16. 2nd dose administered 4 weeks later as per data sheet 10/11/16 (13/10/2016-10/11/2016)-BR>-BR>	N - Unlikely	Canalia laborniani mass was diagnosed therefore the most likely underlying cause of all the clinical signs seen.

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Part	NOBIVAC L4	UK-VMD-6227/17	United Kingdom	Animal	Canine/dog	3 Month(s)	03/11/2017	06/11/2017	1 :	1 0 03/11/	> <br< td=""><td>Blood in faeces, Diarrhoea, Mucous R stool ></td><td>Known</td><td>blood and mucus. Puppy is well in herself, eating and lively, but bloody diarrhoea. Treatment of</td><td>Rottweiler</td><td>7.9</td><td>1,N/A,N/A,N/A,One tablet of Nexgard Spectra 3.5-7.5kg (1 Month(s) 03/11/2017- 03/11/2017) SBR>Nobivac L4 Suspension for Injection for Dogs -</td><td>B - Possible</td><td>Close temporal association although diarrhoes is not expected. Two products given concurrently. Product involvement is possible.</td></br<>	Blood in faeces, Diarrhoea, Mucous R stool >	Known	blood and mucus. Puppy is well in herself, eating and lively, but bloody diarrhoea. Treatment of	Rottweiler	7.9	1,N/A,N/A,N/A,One tablet of Nexgard Spectra 3.5-7.5kg (1 Month(s) 03/11/2017- 03/11/2017) SBR>Nobivac L4 Suspension for Injection for Dogs -	B - Possible	Close temporal association although diarrhoes is not expected. Two products given concurrently. Product involvement is possible.
March Marc			Kingdom	Animal	Canine/dog	5.58 Year(s)	24/11/2016		1		R> Ye	s Central nervous system depression in 'Neurological')		without treatment. Nothing further.	Canine/dog		(24/11/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,N/A,N/A (24/11/2016- N/A) 		seizures are not an expected reaction following vaccination. Due to the close temporal association; vaccine involvement cannot be ruled out. Two vaccines administered.
Part	NOBIVAC L4	UK-VMD-6242/16		Animal	Canine/dog	2.77 Month(s)		01/12/2016	1	1 0 01/12/:		B Depression_Apathy,Shaking,Vocalis s tion	a No Data	Depression, shaking, unwilling to interact with owner (coded as apathy), vocalisation within 30 minute of vaccination. Recovery within 6 hours without treatment. No previous reactions, nothing further	s Crossbred	5.45	,24,administered by vet student under direct supervision of vet. (01/12/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (N/A-	B - Possible	Very close temporal association. Clinical signs can occur following vaccination. Two products used
March Marc				Animal	Canine/dog	1.22 Year(s)	26/11/2016		rel .		R> Ye	s swelling,Diarrhoea,Vomiting	No Data	spontaneous resolution. Swelling at site of vaccination for 5 days that then resolved. No previous reactions. Nothing further. Case reported to MAH or 20 res 2015 Vaccinated on 26 Nov 2016 With Nobbac DHP and 14. Lister that day it started womiting multiple times. Also developed a swelling a the vaccination site. Eveloped distrincts on 27 Nov. 28 Nov somiting stopped and was still eating. 29 No distrinces stopped. 30 Nov the swelling had resolved. No more information expected		19.4	(26/11/2016-N/A) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A ,24,Single dose of vaccine administered by normal route (26/11/2016-N/A) 	B - Possible	occur following vaccination. Two products used.
September Sept	NOBIVAC L4	UK-VMD-6244/17		Animal	Canine/dog		01/11/2017	07/11/2017	1	1 0 03/11/	Known, SRX KNOWN, KNOWN, SRX NOT KNOWN, SRX KNOWN, KNOWN, KNOWN, SRX KNOWN, SRX 		Not Known	Signs started two days after concurrent administration of Nobivac KC, Nobivac L4, Vivitonin 50 mg	Other Canine/dog	9.5	Tablets for Cats - Z-5,1,1 Duys,3,AM.00IPM ESIGLATE 2.5mg sid f01/11/2017- N/N-VBR-N-BR-Nobbve KC - N/R,N/A/N A/N-M/N-BR-N-BR-Nobbve KC - N/R,N/A/N A/N-M/N-BR-N-BR-Nobbve LG Suspension for Injection for Dogs - 1,N/A/N,A/N-I, full vial (01/11/2017- N/N-BR-N-BR-Vivitonin 50 mg Tablets - 50,1,12 Hours,3,VIVITONIN Tablets - 50,1,12 Hours,3,VIVITONIN Tablets - 10,1,12 Hours,3,VIVITONIN Tablet	O1 - Inconclusive	kind of signs. Multiple products used, all of which could have been involved. There is insufficient
Septembox Sept	NOBIVAC L4	UK-VMD-6277/16		Animal	Canine/dog			02/12/2016	1	1 0 29/11/:	Known, BR > BR> <br Yes, R>BR>BR>No Known, BR > BR><br< td=""><td>R (localised),Respiratory > signs,Cough,Nasal B discharge,Rale,Ocular</td><td>Not Known</td><td>respiratory tract noise (coded as rales), mild submandibular lymph node enlargement within 24 hours of vaccination. No previous exposure. Recovery within 3 days following unspecified treatment.</td><td>Chihuahua</td><td>1.13</td><td>Solution for Small Dogs - N/A.N/A.N/A.N/A.N/A (N/A- N/A)\SBR-SBR-Nobivac KC - 1.N/A.N/A.24,1 vial (28/11/2016- N/A:BR-SBR-Nobivac L4 Suspension for injection for Dogs - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.</td><td></td><td></td></br<></br 	R (localised),Respiratory > signs,Cough,Nasal B discharge,Rale,Ocular	Not Known	respiratory tract noise (coded as rales), mild submandibular lymph node enlargement within 24 hours of vaccination. No previous exposure. Recovery within 3 days following unspecified treatment.	Chihuahua	1.13	Solution for Small Dogs - N/A.N/A.N/A.N/A.N/A (N/A- N/A)\SBR-SBR-Nobivac KC - 1.N/A.N/A.24,1 vial (28/11/2016- N/A:BR-SBR-Nobivac L4 Suspension for injection for Dogs - N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.N/A.		
sagdom Septimore Septimor	NOBIVAC L4	UK-VMD-6282/17		Animal	Canine/dog	6.75 Year(s)	05/11/2017	09/11/2017	2	1 0 05/11/:	Known, B > BR>BR Not Known, B > BR>BR	R 'Skin')	Not Known	Treated with Cerenia soon after vomiting then Dexadresson and Chlorphenamine at 5pm. Signs are	Pug	7.55	24,1 Dose Unknown 1 Animal (05/11/2017)- 05/11/2017)-BR>≺BR>Nobivac DHP- N/A,N/A,N/A,N/A,1 ml Unknown 1 Animal (05/11/2017- 05/11/2017)-BR>≺BR>Nobivac L4 Suspension for injection for Dogs - N/A,N/A,N/A,N/A,1 ml Unknown 1	B - Possible	Trining/clinical signs suggest product involvement. Two products administered
Singdom Vear(s) Vear(NOBIVAC L4	UK-VMD-6293/16		Animal	Canine/dog	6.5 Year(s)	22/04/2015	03/12/2016	1	1 13/05/	7es Yes	stand,Staggering,Collapse (see also 'Cardio-vascular' and 'Systemic disorders'),Death,Head till - neurological disorder,Horizontal nystagmus,Cognitive disorder NOS,Cognitive impairment,Central	No Data	unable to stand, anorexia, vestibular disorder within 24 hours of vaccination. Slow recovery by end of first week and over following six months she regained approximately 80% normality. Head tilt, loss of balance and cognitive impairment remained ultimately resulting in death. No previous exposure.	Crossbred	30	for Dogs - 1,N/A,N/A ,24,N\K	N - Unlikely	temporal association. More likely to be idiopathic or
NOBINAC L4 UK-VMD-6326/17 United Animal Cannel/dog 15 Year(s) 2/1/0/2017 10 1 1 28/10/2017 Not Known expression in Neuropsical Particular entry of the dependent of the pression in Neuropsical Particular entry of the dependent of the pression in Neuropsical Particular entry of the dependent of the pression in Neuropsical Particular entry of the Neuropsical Particular ent	NOBIVAC L4	UK-VMD-6319/17		Animal	Canine/dog		09/11/2017	10/11/2017	1	1 0 09/11/	017 Not Known	disorder,Listless,Lethargy (see also Central nervous system depression	Not Known	became lethargic and the dog simply lies down and sleeps. The dog became listless about 8 hours afte however he ate his supper on the 1st November and breakfast on the 10th November but has simply laid down and does not like walking any distance before he lies down again. No further information or		35	for Dogs - N/A,N/A,N/A ,N/A,Single Dose (09/11/2017-	A - Probable	
NOBIVAC L4 UK-VMD-6327/17 United Animal Canine/dog 123 10/11/2017 24/11/2017 1 0 10/11/20				Animal	,,,,				1			rate,Cough,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system depression in 'Neurological').Fatigue	Not Known	The dog was vaccinated on 21/00/17 with Noblact L4. On 28/10/17 the dog had a seisure poor appette, continuous paid resipration and occasional coughing, not parting. J Futher seisures over next 2 days. Fortekor prescribed, no effect. General lethargy and fatigue. Euthanized on 3/11/17 due to further deterioration. Blood work within usual ranges. Nothing further.	Jack Russell Terrier		for Dogs - 1,N/A,N/A ,24,1ml (21/10/2017-21/10/2017) 		respiration are not expected and timing is delayed, product involvement cannot be discounted.
NOBINAC LG UK-WIND-6330/15 United Animal Canine/dog 2 5 Yearly (3 15/11/2016 05/12/2016 1 1 0 17/11/2016 Not Known Lameness, Penniphagis foliaceus, Sin Not				Animal	Canine/dog	Month(s)			1		Known, SR> <br </br Not Known	Inappetence,Pain R NOS,Agitation,Crying,Facial swellin > (see also 'Skin'),Adipsia		vaccination had been given) and Advocate was applied. The dog developed swelling of muzzle in earh hours of the morring following injection that evening. Unsettle (coded as agistion) and crying during the night, painful swelling with reluctance to let owners handle, and would not eat or drink this morning. Otherwise bright. No information on treatment - the reaction lasted one day.	g Boxer)	9.66	Medium Dogs - 1,N/A,N/A,N/A,N/A (10/11/2017- 10/11/2017)-SBN->BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 1,0 ml injected s/c as second dose 4 weeks later than the first (10/11/2017- 10/11/2017/EBR->BR>		Vaccine given is more likely cause of facial swelling. Two products used.
	NOBIVAC L4	UK-VMD-6330/16		Animal	Canine/dog	2.5 Year(s)	15/11/2016	05/12/2016	1	0 17/11/	016 Not Known	Lameness,Pemphigus foliaceus,Skir inflammation NOS	Not Known	Pemphigus foliaceus affecting all 4 paws causing lameness and neutrophillia inflammation of the claws starting 2 days post vaccination. Unspecified treatment given, outcome unknown.	s Lhasa Apso	5.75	for Dogs - 1,N/A,N/A ,N/A,One vial	O1 - Inconclusive	Signs are unexpected but close time association.

NOBIVAC L4	UK-VMD-6348/17	United	Animal	Canine/dog	4.1 Year(s)	13/11/2017	14/11/2017	1	1 0	13/11/2017	Not	Swollen mouth, Swelling around	Not	Muzzle swollen and eyes bilaterally swollen and associated skin red and very inflamed less than 12	Coton de	8.75	Nobivac DHP - N/A,N/A,N/A,N/A,1	B - Possible	Timing/clinical signs suggest a possible
		Kingdom									> Not Known, 	eye,Reddening of the skin,Skin inflammation NOS	Known	hours after vaccination with Nobivac KC, Lepto and DHP. Reaction duration 12 hour.	Tuléar		ml Unknown 1 Animal (13/11/2017- N/A)-BR>-SBR>Nobivac KC - N/AN/AN/A, N/A,0.4 ml Unknown 1 Animal (13/11/2017- N/A)-BR>-SBR>Nobivac L4 Suspension for Injection for Dogs- N/A,N/A,N/A, N/A,1 ml Unknown 1 Animal (13/11/2017-N/A)-BR>-BR>		hypersensitivity/anaphylactic reaction to the vaccine. Two vaccines injected concurrently (and one nasal KC)
	UK-VMD-6358/17	United Kingdom	Animal		4.75 Year(s)	15/04/2017	14/11/2017	1	1 0	18/04/2017	Not Known, SBR >>BR>SBR>SBR> Not Known	Diarrhoea, Vomiting, Ataxia, Anorexi a, Allergic skin reaction	Known	Vomiting, Diarrhoes, anorexis 3 days after vaccination. Since then worsening allergic type skin disease and hid limb attast. Dog had estisting skin sixue slefer ne receiving L but owner retail yeels this was involved with the exacerbation of his cutaneous signs. Vomit, diarrhoes and anorexia reported previously, Hid limb attasic consistent with Chronic Degenerative Radiculomyelopathy (CDRM) but seem to be progressing quickly, Outcome unknown.	Shepherd Dog	51	Nobivac DHP - N/A,N/A,N/A N/A,N/A (15/04/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (15/04/2017- N/A) 	O1 - Inconclusive	Dog had existing skin issues before receiving L4 and vomit, diarrhoea and anorexia were reported previously. Ataxia can be expected according t more recent information, however, other underlying causes are also possible such as CDRM. Assessment is therefore inconclusive
	UK-VMD-6364/16	United Kingdom	Animal	Canine/dog	7 Year(s)		06/12/2016	1	1 0	30/11/2016	Not Known, BR >BR>BR>BR>Not Known, BR >BRBR>BR>Not Known, BR Not Known, BR >BR>SR>Not Known, BR>Not Known	Sneezing.Stridor (Upper respiratory; for lower respiratory see also Bronchial rale],Reverse sneezing	Not Known	Sneezing, reverse sneezing and stridor within 24 hours post vaccination. Still ongoing 1 week later despit unspecified treatment.	Chihuahua	4.5	Milbems Chewable Tablets for Small Dogs and Pupples - N/A.N/A.N/A.N/A.N/A.(N/A- N/A)-RBS-GBN-Nobiwac Die - N/A.N/A.N/A.N/A.N/A.(N/A- N/A)-RBS-GBN-Nobiwac KC - 1.N/A/N/A.2 At 1 andard dose (29/11/2016-N/A)-GBN-Nobiwac La Suspension for Injection for Dogs- N/A.N/A.N/A.N/A.(N/A-N/A)- N/A.N/A.N/A.N/A.N/A.(N/A- N/A)-RBS-GBN-	No assessment performed	
NOBIVAC L4	UK-VMD-6365/16	United Kingdom	Animal	Canine/dog	9.67 Year(s)	17/11/2016	07/12/2016	1	1 0	17/11/2016	Not Known, Not Known, Not Known	Vomiting.Facial swelling (see also 'Skin')	Not Known	Facial swelling and emesis within 6 hours post vaccination. Treated with dexamethasone and antihistamines leading to recovery later the same day.	Dandie Dinmont Terrier	11.4	Nobivac DHP - 1,N/A,N/A,24,N/A (1/711/2016-N/A) >Nobivac KC - 1,N/A,N/A,24,N/A (17/11/2016- N/A) >Nobivac L4 Suspension for injection for Dogs - 1,N/A,N/A,24,N/A (17/11/2016- N/A) >	B - Possible	suspected hypersensitivity reaction, 3 products administered concurrently.
NOBIVAC L4	UK-VMD-6379/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	10/07/2017	14/11/2017	1	1 0	27/07/2017	Not Known, BR > BR>BR> Not Known	Metaphyseal osteopathy	Not Known	The dog was vaccinated with Noblace. DHP and L4 on 1,007/17 and then with Noblace DHP on 24/07/17.0 the dog was diagnosed with Metaphyseal osteodystrophy (metaphyseal osteodystrophy (metaphyseal osteodystry). No information on treatment or outcome.	German Short- haired Pointing Dog	8.8	Nobivac DHP - 1,N/A,N/A, 24,DHP and L4 vaccine given on 10/07/2017 and DHP given on 24/07/2017 (24/07/2017- 24/07/2017)-cBS~8B>~Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,N/A (20/07/2017- 10/07/2017-18B>~BB>	O1 - Inconclusive	This condition affects young rapidly growing large breed dogs and it has been reported in German Short haired Pointers. The aetiology of the disease is unknown however product involvement cannot be discounted.
NOBIVAC L4	UK-VMD-6387/17	United Kingdom	Animal	Canine/dog	2 Year(s)	20/09/2016	15/11/2017	1	1 0	22/09/2016	Not Known	Anxiety,Diarrhoea,Appetite loss,Sleepiness - systemic disorder,Increased sensitivity to sound.Sickness.Weight loss	Not Known	On 20/09/16 the dog was vaccinated with Nobivac L4. From 22/09/16 the dog went off food, was ver sleepy and nervous (wasn"t before) (coded as anxiety), had sickness and diarrhoea and loss of weight over time and became noise sensitive. Liver and kidneys tests came back clear. No further information	y Other Canine/dog	17	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,N/A (20/09/2016-20/09/2016) BR> 	B - Possible	Close temporal association and reduced appetite and sleepiness can be expected, however sickness, diarrhoea, weight loss and noise sensitivity are not expected. Product involvement is possible.
	UK-VMD-6393/16	United Kingdom	Animal	Canine/dog	1.33 Year(s)	29/11/2016	08/12/2016	1	1 0	29/11/2016		Shaking, Depression, Injection site pain, Weakness	Not Known	Depression, shaking, weakness and pain at the injection site starting within 6 hours post vaccination. Treated with NSAIDs leading to recovery by the next day.	Bedlington Terrier	9	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,1 dose injected subcutaneously (29/11/2016-N/A) 	A - Probable	Signs could be expected, close time association.
NOBIVAC L4	UK-VMD-6394/17	United Kingdom	Animal	Canine/dog	9 Year(s)	06/09/2017	15/11/2017	1	1 0	18/09/2017	Not Known	Injection site swelling	Not Known	The dog was vaccinated on 06/09/17 with Nobivac L4. On the 18/09/17 the dog had a subcutaneous swelling at the injection site. No further information.	Crossbred	30	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,10,1 ml (06/09/2017-06/09/2017) 	A - Probable	Swelling at site of injection is listed on SPC - product involvement is probable.
NOBIVAC L4	UK-VMD-6399/17	United Kingdom	Animal	Canine/dog	7 Year(s)	01/04/2015	20/11/2017	1	1 1	31/08/2015	Not Known	Renal disorder NOS, Death, NT - glomerulosclerosis, Distension of abdomen, Glomerulone phritis	Not Known	The dog was vaccinated on 01/04/2015 with Nobbac LA. From 31/08/2015 the dog was investigated for the cause of a swollen abdomen and was subsequently diagnosed with kidney disease. She underwent kidney biopsy which confirmed the presence of Immune complexes deposited in the glomerular basement membranes - Immune mediated glomerulonephritis and glomerulosclerosis. No further information	Welsh Terrier	10	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose 1 Animal (01/04/2015- 01/04/2015) 	O1 - Inconclusive	The reported clinical problems would not be expected but immune mediated disorders can have many triggers. Product involvement cannot be discounted although temporal association is weak.
NOBIVAC L4	UK-VMD-6400/17	United Kingdom	Animal	Canine/dog	6 Year(s)	06/10/2014	20/11/2017	1	1 0	22/10/2014	Not Known	Seizure NOS	Not Known	Suppected Adverse Reaction The dog was vaccinated with Nobivac Lepto 4 on 6 Oct 2014. On 22 Oct 2014 to dog had a seizure. Previously the dog had never had any seizures. First started seizuring 2 weeks after first obe of Nobivac Lepto 4. The dog has continued to have seizure for the last 3 years. No details of treatment given. No details of investigations carried out given.	Pug	12.4	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 ml Unknown 1 Animal (06/10/2014- 06/10/2014) 	O1 - Inconclusive	Seizures are not an expected adverse event following vaccination however product involvement cannot be discounted.
	UK-VMD-6401/17	United Kingdom	Animal	Canine/dog	2.67 Year(s)	11/08/2014	23/11/2017	1	1 1	10/11/2014		Polydiguia Polyuria, Renal fallure, Death	Not Known	My boxer pup Ethel was treated at 8 wks and 10 wks with Nobvac Lepto 4 in August 2014 and 3 months later she undered from excessive drinking and unimann. Was taken to happe pets in Enfeld London. Was told remail failure stage 27 5the was then treated for 9 months at RVC hospital potters ba Her kidneys were dramaged from the vaccine. I spent a year getting her better after this. She ded having a routine spay, her kidneys had been damaged so badly I believe by the Nobixac Leptod Vaccine. "NEW" Case received by the Verteiranty Medicines Directoral suspected Adverse Reaction Owner reported that a boxer pup was vaccinated at 8 weeks and 10 weeks of age (extra label use, treatment regime not respected with Nobbixa Le of 11 Aug 2014 (assume this is date of second vaccination, details not given). Owner reported that 3 months later dog suffered from excessive drinking and unitation (estimate Nov 2014). Owner reported the dog was taken to the vet, who informed them that the dog was in renal failure stage 2. The dog was then treated for 9 months at a referral vets (no details of investigations or treatment given). The owner believes the dogs kidneys were damaged for the vaccine. Owner reported that the dog get with undergoing a routine appreciation specification. Owner reports that the dog get with undergoing a routine appreciation for the vaccine. Owner reports that the dog get with undergoing a routine appreciation and continued that the dog get and with undergoing a routine appreciation of the vaccine. Owner reports that the dog get of whith undergoing a routine appreciation and continued the double of the double of the device of the device of the vaccine. Owner reports that the dog get of whith undergoing a routine appreciation and continued the device of t	Boxer (German Boxer)	29	Nobwac L4 Supervisor for Injection for Toogs - 11/A/A/ 24.2 doses one at 8 wks, 2nd at 10/vks (11/08/2014-N/A)-BR> 	O1 - Inconclusive	Renal falture is not expected following the use of this vaccination and three months in on a close temporal relation. Product innolvement cannot be excluded, however, some underlying kidney disseap prior to vaccination cannot be excluded either, therefore assessment is inconclusive.
	UK-VMD-6402/17	United Kingdom	Animal		4 Month(s)	30/09/2017	20/11/2017	i		24/10/2017	R> Yes, < BR> Not Known	Renal failure,Death,Abnormal test result	Not Known	The puppy was vaccinated with Noblwac DHP/LA on QZ/QS/17. The puppy was then vaccinated with Noblwac DHP/Noblwac KO n.15/QS/17. and the puppy received Noblwac Let an Osyl/17. on 24/QS/17 the dog developed kidney failure - blood results were "off the scale" (coded as abnormal test result) and the dog died on 02/11/17. No further information.	Golden Retriever	5.3	Nobivac DHP - 1.N/A.N/A.1.D.1 mt Unknown 1. Anima (16/09/2017- 16/09/2017)-BR-SBR-Nobivac KC - 4.N/A.N/A.10.0.4 mt Unknown 1 Animal (16/09/2017- 16/09/2017)-BR-Nobivac L4 Suspension for injection for Dogs- N/A.N/A.N/A.N/A.Previous dose of Nobivac L4 02/09/12/13/09/2017- 30/09/2017)-BR-SBR-	O1 - Inconclusive	Clinical signs reported would not be expected and immediately applied, however product involvement cannot be discounted.
NOBIVAC L4	UK-VMD-6426/16	United Kingdom	Animal	Canine/dog	2.84 Month(s)	08/12/2016	09/12/2016	1	1 0	09/12/2016	Not Known,
 Not Known</br 	Vomiting.Facial swelling (see also 'Skin'),Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Allergic oedema of the face and ears, emesis and lethargy starting 12 hours post vaccination. Treated with antihistamines leading to recovery a few hours later.	Beagle	5.3	Nobivac DHP - 1,N/A,N/A, N/A,FULL VIAL, 2ND INJECTION AS PART OF THE PRIMARY COURSE OF VACCINATIONS, 4 WEEKS AFTER 1ST DOSE (08/12/2015- N/A)<8R->8R-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, 24,N/A (08/12/2016- N/A)	B - Possible	Close time association, possible hypersensitivity but 2 products administered concurrently.

	I	In a		In	2 Month(s)	I / /				16/11/2017	I	I	L		Crossbred		L		I
NOBIVAC L4	UK-VMD-6432/17	United Kingdom	Animai	Canine/dog	2 Montn(s)	16/11/2017	17/11/2017	1	1 0	16/11/2017	Known, Not Known	Injection site pain, Vocalisation, Trembling	Known	Pain (assumed injection site pain): cyring, trembling less than 2 minutes after vaccination. Reaction duration 3 minutes, This reaction was after the injection was completed without a reaction, and despite the vaccine being at room temperature prior to use, as previously advised by manufacturer	Crossbred	1.96	Nobivac DHP - 1,N/A,N/A, N/A,N/A (16/11/2017-N/A) - RRN-RRN-Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A, I dose administered (16/11/2017-N/A) - RRN-SRN-	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
NOBIVAC L4	UK-VMD-6453/16	United Kingdom	Animal	Canine/dog	10 Year(s)	02/12/2016	12/12/2016	1	1 0	02/12/2016	Not Known, BR >BR>BR>BR> Not Known	Facial swelling (see also 'Skin')	Not Known	Allergic oedema of the face 2 hours post vaccination, unspecified treatment given leading to recovery an unspecified period later.	Other Canine/dog	36	Nobivac DHP - 1,N/A,N/A,24,N/A (02/12/2016-N/A) Nobivac L4 Suspension for Injection for Dogs 1,N/A,N/A,24,N/A (02/12/2016- N/A) 	B - Possible	Close time association, possible hypersensitivity reaction, 2 products administered concurrently.
NOBIVAC L4	UK-VMD-6453/17	United Kingdom	Animal	Canine/dog	6 Month(s)	10/07/2017	01/12/2017	1	1 0	24/07/2017	Not Known, BR > BR>BR>BR Yes, BR>Not	diarrhoea, Vomiting, Metaphyseal	No Data	distribes and lameness occurring less than 14 days, after the vaccination was administered to the dog. Subsequent radiopals revealed metaphysical ostoodsystopy as the likely cause of lameness, and veterinary opinion that metacam suspension as a likely cause of the distribute. 65/12/17 NEA. DIPO only-had slight distributes this morning but eating other dog food, very bright. Soft stools from 24 July then 26 July where of lameness and the stool of the control of th	German Short- haired Pointing Dog	8.9	Cerenia Jo mg/ml Solution for Implection for Dogs and cats - N/AN/AN/AN/AN/AT-reatment date 27/07/12 (MA) - 27/07/2017-ERR-BER-Noblava DIP JAN/AN/A 2A-DIP - implected wice initially (10/07/2017- 24/07/2017)-ERR-BER-Noblava LI4 Suspension for Injection for Dogs - 1.1,1 Years, 1.01 implected once annually (10/07/2017- 10/07/2017-ERR-BER-Noroclaw Injection for Cattle and Dogs - 10/07/2017-ERR-BER-Noroclaw Injection for Cattle and 27/07/27 (IVA) - 27/07/2017-ERR-BER-SIGNIE (INSECTION PROPERTY (14) (14) (14) (14) (14) (14) (14) (14)	O1 - Inconclusive	The lameness was subsequently diagnosed on radiographys an esphysical scaleoptrophy and so a connection with vaccination seems unlikely however product involvement in the gastrointestinal signs cannot be discounted.
NOBIVAC L4	UK-VMD-6456/17	United Kingdom	Animal	Canine/dog	2.87 Month(s)	17/11/2017	18/11/2017	1	1 0	17/11/2017	Not Known,
 Not Known</br 	Anaphylaxis, Facial swelling (see also "Skin"), Breathing difficulty	Not Known	On 17/11/17, the dog was vaccinated with Nobivac DHP/14. Anaphylaxis occurred 2 hours after administration of mixed DHP - 14 vaccine given associates ously. Presented with oedematious swelling of the face and muzule which did not respond to intravenous administration of deamenthasione. Intra- oral soft tissue swelling developed impairing breathing. Supported with oxygen therapy. The reaction lasted 4 hours.	Shih Tzu	3.2	Nobivac DHP - 1,N/A,N/A,N/A,N/A (17/11/2017)+BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,Single dose (17/11/2017-17/11/2017)+BR>>BR>	B - Possible	Timing and clinical signs suggest product involvement. Two products used.
NOBIVAC L4	UK-VMD-6459/17	United Kingdom	Animal	Canine/dog	10 Year(s)	11/01/2016	24/11/2017	1	1 1	01/01/2016	Not Known	Death, Multi-organ failure NOS	Not Known	On 11/01/16 the dog went for his yearly check up and the owner was told he was in very good health and condition for his age. He had the Lepto jab (Nobivac L4) and was dead within a weeks - he owner was told all his organs had falled. The date of onsect of the clinical signs was reported as 16/11/16 however the narrative says the animal died within 3 weeks of vaccination - so the incident date has been set as 01/01/16. No further information available.	German Shepherd Dog	52	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (11/01/2016- 11/01/2016) 	O1 - Inconclusive	Limited information supplied however product involvement cannot be discounted.
NOBIVAC L4	UK-VMD-6462/17	United Kingdom	Animal	Canine/dog	2 Month(s)	12/09/2017	29/11/2017	1	1 0	12/09/2017	Not Known,
 Not Known</br 	Diarrhoea, Vomiting, Adipsia, Appetit e loss, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	The puppy was vaccinated with Noblwac L4 and DHP on 12/09/17. On the same day within 12 hours of vaccination the pupp had voniting, severe diarrhoea, extreme lethargy, loss of appetite and no desire to drink. The reaction was extreme and required a great deal of veterinary intervention including one late night emergency vist where the had to be given sub cultimose stiful sto prevent her death. She had now fully recovered but has an understandable fear of vets which is going to take a lot of work to put right. She had blood tests and vomit and stool samples checked, all came back clear.	Dobermann	10	Nobivac DHP - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (12/09/2017- 12/09/2017)-BR>-BR>-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (12/09/2017- 12/09/2017)-BR>>BR>	B - Possible	Timing and clinical signs suggest product involvement two vaccines given
NOBIVAC L4	UK-VMD-6463/17	United Kingdom	Animal	Canine/dog	4.3 Year(s)	27/10/2017	29/11/2017	1	1 0	27/10/2017	Known, <br< td=""><td>Diarrhoea, Vomiting, Adipsia, Appetit e loss, Lethargy (see also Central nervous system depression in 'Neurological')</td><td>No Data</td><td>The dog was vaccinated with Noblace DHP and L do no 77/J0/J7. Within 12 hours the dog developed vomitting, severe distrinose, extreme lethragy, loss of appetite and no desire to drink. The reaction lasted 3 days. No more information expected.</td><td>Irish Red Setter</td><td>22</td><td>Nobivac DHP - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (27/10/2017-27/10/2017)-RBR-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (27/10/2017-27/10/2017)-BRS-SBR></td><td>B - Possible</td><td>Timing and clinical signs suggest product involvement is possible. Two vaccines given.</td></br<>	Diarrhoea, Vomiting, Adipsia, Appetit e loss, Lethargy (see also Central nervous system depression in 'Neurological')	No Data	The dog was vaccinated with Noblace DHP and L do no 77/J0/J7. Within 12 hours the dog developed vomitting, severe distrinose, extreme lethragy, loss of appetite and no desire to drink. The reaction lasted 3 days. No more information expected.	Irish Red Setter	22	Nobivac DHP - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (27/10/2017-27/10/2017)-RBR-SBR-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (27/10/2017-27/10/2017)-BRS-SBR>	B - Possible	Timing and clinical signs suggest product involvement is possible. Two vaccines given.
	UK-VMD-6497/17	United Kingdom	Animal	Canine/dog	10 Year(s)	20/11/2017	21/11/2017	1	1 0	20/11/2017	Known,
 Not Known</br 	Diarrhoea, Haemorrhagic diarrhoea, Vomiting, Lethargy (see also Central nervous system depression in 'Neurologicai')	Not Known	ON 20/11/17 the dog was vaccinated with Nobivac L4 and Nobivac KC, within 6 hours of vaccination the dog had sudden orset diamhoes followed by vomiting. Both repeated episodes. Lethuary organizesing to hearnnhape diamhoes. No trown exposure to new food, toxin or foreign body. No information on treatment or outcome.	English Cocker Spaniel		Nobivac KC - 1,N/A,N/A, 24,N/A (20/11/2017)-BR> Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A, 10,1ml of a 1ml vial given SC (1 Year(s) 20/11/2017- 20/11/2017)-BR>-BR>	B - Possible	Close temporal association. Although signs are not expected product involvement is possible. Two vaccines given - one was intransal.
NOBIVAC L4	UK-VMD-6507/16	United Kingdom	Animal	Canine/dog	2.32 Year(s)	09/11/2016	14/12/2016	1	1 0	09/11/2016	Not Known	Lameness,Tiredness,Walking difficulty	Not Known	Pet ower noticed lameness since home after her vaccinations and thought it might be right leg then left, difficulty wilding back leg have not been stable and is very tred. Hat Id vaccination at 43:Dpm noticed lameness a flew hours later and called 10 pm tonight and seems fine in self other then lameness. Episod bat right. Right hall and then left hild lameness. All lok today sept. 138. Ro swollen joints, abdominal relaxed and chest ok. Colour etc fine. Given metacam last night. No further information	Collie Rough	20.2	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,First dose of L4 Primary course (09/11/2016-09/11/2016) 	B - Possible	Time association is strong and according to the SPC, immune mediated polyarthritis has been reported after vaccination. Product involvement is possible.
	UK-VMD-6526/17	United Kingdom	Animal	Canine/dog	2.25 Year(s)	17/11/2017	23/11/2017	1	1 0	17/11/2017	Not Known,
 Not Known</br 	Vomiting,Facial swelling (see also 'Skin'),Wheezing,Shallow breathing	Not Known	The dog was vaccinated with Nobivac KC, and Nobivac L4 on 17/11/17. On the same day as the vaccination the dog vomited and had swelling around nose, wheezing, short shallow breaths. Treated with Chlorphenarrine injection. The duration of symptoms was 3 days. No further information.	Miniature Dachshund	4	Nobivac KC - 1,N/A,N/A,24,0.4 ml Unknown 1 Animal (17/11/2017- 17/11/2017)-sBs> <bs>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24.1 ml Unknown 1 Animal (17/11/2017- 17/11/2017kBs><bs></bs></bs>	B - Possible	Timing and clinical signs suggest product involvement. Two products used.
NOBIVAC L4	UK-VMD-6561/16	United Kingdom	Animal	Canine/dog	12 Year(s)	28/11/2016	28/12/2016	1	1 1	28/11/2016	Known, <br< td=""><td>Behavioural disorder NOS Restlessess, Spleen and reticulo-endothelial system disorder NOS, Pale mucous membrane, Distression of abdomen, Vomiting, Parting, Death, Weakness, Depression, Liver disorder NOS, Abdominal cavity haemorrhage, Food refusal</td><td>Not Known</td><td>Stopped eating normally (coded as Food refusal) within 6 hrs after product administration. Continued for 10 days, at which time he vomited (coded as Vomitting and became withdrawin (coded as Depression). He only wanted to sit out in the garden where he was cooler (coded as Behavioural disorder NOS). He could not settle (coded as Reatlessness), and could not fif this leg to urinate (coded as Vealenes). He saw scried indoor by two would not settle (coded as Reatlessness), but at on all flours (coded as Behavioural disorder NOS), parting (coded as Familing). On arrival at emergency yets, his gams were almost white (coded as Planting), scans stowed abnormalities in his spleen (coded as Spleen and retroub-endothelial system disorder NOS) and liver (coded as Liver disorder NOS) and his particular control of the spleen disorder NOS and the set (coded as Abore), the spleen disorder NOS and the set (coded as Abore), the spleen disorder NOS and about the disorder NOS and the suffered an answer beled internally (coded as Aborenal cavity) heaemornhage) as his abdomen was distended (coded as Distension of abdomen). It was decided he would not have survived emergency upgery, No previous exposure, but was recorded as annual booster. Unclear whether died or was euthanised 11 days post administration (coded as Death). No further information available.</td><td>Crossbred</td><td>22.35</td><td></td><td>O1 - Inconclusive</td><td>Temporal relationship between onset of anorexis and authoristration which has been observed following vaccination. Delayed development of remaining signs suggests underlying condition, however in very success, clinical signs of immune-mediated that on the case, clinical signs of immune-mediated that on the case, clinical signs of immune-mediated signs of immune-mediate</td></br<>	Behavioural disorder NOS Restlessess, Spleen and reticulo-endothelial system disorder NOS, Pale mucous membrane, Distression of abdomen, Vomiting, Parting, Death, Weakness, Depression, Liver disorder NOS, Abdominal cavity haemorrhage, Food refusal	Not Known	Stopped eating normally (coded as Food refusal) within 6 hrs after product administration. Continued for 10 days, at which time he vomited (coded as Vomitting and became withdrawin (coded as Depression). He only wanted to sit out in the garden where he was cooler (coded as Behavioural disorder NOS). He could not settle (coded as Reatlessness), and could not fif this leg to urinate (coded as Vealenes). He saw scried indoor by two would not settle (coded as Reatlessness), but at on all flours (coded as Behavioural disorder NOS), parting (coded as Familing). On arrival at emergency yets, his gams were almost white (coded as Planting), scans stowed abnormalities in his spleen (coded as Spleen and retroub-endothelial system disorder NOS) and liver (coded as Liver disorder NOS) and his particular control of the spleen disorder NOS and the set (coded as Abore), the spleen disorder NOS and the set (coded as Abore), the spleen disorder NOS and about the disorder NOS and the suffered an answer beled internally (coded as Aborenal cavity) heaemornhage) as his abdomen was distended (coded as Distension of abdomen). It was decided he would not have survived emergency upgery, No previous exposure, but was recorded as annual booster. Unclear whether died or was euthanised 11 days post administration (coded as Death). No further information available.	Crossbred	22.35		O1 - Inconclusive	Temporal relationship between onset of anorexis and authoristration which has been observed following vaccination. Delayed development of remaining signs suggests underlying condition, however in very success, clinical signs of immune-mediated that on the case, clinical signs of immune-mediated that on the case, clinical signs of immune-mediated signs of immune-mediate

NOBIVAC L4	UK-VMD-6562/16	United Kingdom	Animal	Canine/dog	6 Month(s)	09/12/2016	23/12/2016	1 1	0 09/:	> Not Known > Not Known > Not Known > Not Known	m,
>BR> m,
>BR> m,
>BR> (BR) (BR) (BR) (BR) (BR) </br </br </br 	Unable to stand.Lethargy (see also Central nervous system depression in 'Neurological').Not eating	Not Known	Lethargy, unable to get up and not eating within 6 hours of administration. Reaction duration 7 days. No previous reactions. No further information available. Bayer (MAH) comment: No treatment start date selected for Indectiful & Quantex entered 2016 as no date stated in the case description. Reaction end date added as 2016.	Crossbred	18	Endectrid 250 mg + 62.5 mg Spot-on Solution for Large Dogs - NIA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	O1 - Inconclusive	Temporal relationship between reaction and administration. Non-specific clinical signs. Multiple products administered.
	UK-VMD-6576/16	United Kingdom	Animal		2 Month(s)		16/12/2016	1 1		08/2016 Yes		Decreased appetite, Death, Renal failure, Jaw disorder, Drinking a lot, Loose stool, Halltosis, Discoloured teeth, Tooth disorder, Lethargy (see also Central nervous system depression in "Neurological"), Elevated renal parameters	No Data	Drinking a lot, decreased apportie, loose stools, lethrage, jaw looked out of shape (coded as jaw disorder), halltosis, discoloured teeth, teeth wom into points (coded as tooth disorder) renal failure, elevated renal failu	English Cocker Spaniel		Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A,N/A (16/08/2016-N/A)<-BR><-BR>	O - Unclassifiable/unassessa ble	insufficient information on diagnostics, time to onset of clinical signs.
NOBIVAC L4	UK-VMD-6578/16	United Kingdom	Animal	Canine/dog	3 Month(s)	16/12/2016	18/12/2016	1 1	0 16/	12/2016 Not Ki	Cnown	Diarrhoea,Uncomfortable,Discomf ort NOS,Groaning,Urine abnormalities NOS,Listless,Drooling,Crying	Not Known	Happy healthy puppy before 2nd dose of legate. Within this dog uncomfortable and moraling (coded as Granning). Within 12 hrs listless, drooling, cienching feet (coded as Discomfort NOS), diarrhoea, cry's of pain (coded as Crying). By day four ymptoms easing but puppy still drooling occasionally and keeps unrainting with no urine coming out (coded as Urine abnormality NOS). Seen by vet but no treatment given. No ufter information available.	Toy Poodle	2.98	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (16/12/2016-N/A) 	O1 - Inconclusive	Temporal association between product administration and symptoms. Symptoms such as wocalisation, diarrhoea and listlessness have been observed following administration of this product.
	UK-VMD-6587/17	United Kingdom	Animal	Canine/dog	7.42 Year(s)	11/10/2017	29/11/2017	1 1	1 11/:	> 	rn, GR >>BR> (nown	Lameness, Death by euthanasia, Inappetence, Malaise, Of f colour, Pyrexia, Local swelling (not application site), Enlarged lymph node (localised)	Not Known	Consider to which all mid-do monitoration and the size of the dag had "not been right" slice be vaccination on 1 Let 2017 with Nobine DNP and 1.4 Nos seen on 16 Det with Press, makine, right for lameness, snappetence, enlarged submanifoliate lymph nodes, let sided facial swelling, bad instrumous fluids, bloods, antibilistics see, and then referred and entilamated 30 CI 2017 This dog had previously been vaccinated with 1.4 13 CI 2015, 10 Nov 2015. 8.6 CE 2016 but never previously had DNP as prior to that had been vaccinated with LRPP1 - Letpo 2. No more information expected This dog had previously been vaccinated with 14 13 JCI/151, 10/11/15 8 06/10/16 but never previously had DNP as prior to that had been vaccinated with LRPP1 - Letpo 2. No more information expected This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This dog had previously been vaccinated with LRPP1 - Letpo 1.7 No more information expected. This does not recommend the control of the contr	Cavalier King Charles Spaniel	8.6	Nobivac DHP - 1,N/A,N/A,24,Single injection of annual boo (11/10/2017-N/A):BR> Nobivac L4 Suspension for injection for Dogs-N/A,N/A,N/A,N/A,1ml Unknown 1 Animal (11/10/2017-N/A) 	B - Possible	Pyrexia, malaise, lameness, inappetence and enlarged lymph nodes can be expected following vaccination, however, the seriousness of the rest of the signs is not expected. Vaccination may have triggered some some preexisting condition but product involvement is also possible. Two vaccines administered concurrently, so both are equally involved.
NOBIVAC L4	UK-VMD-6590/17	United Kingdom	Animal	Canine/dog	2 Year(s)	16/11/2017	27/11/2017	1 1	0 16/:		BR> <b R> Not m</b 	Injection site swelling, Injection site pain, Vocalisation, Anorexia, General pain (see other SOCs for specific pain), Reluctant to move, Pyrexia	Not Known	Within 4 hours of 2nd dose vaccine admixtration (Nebhex DHP and Noblwac 14 on 16 Nov 2017; first dose of each was given 9/19/017) there was peneralized pain, refusal to walk, crying and swelling at vaccine site and anorexia. Symptoms were treated with non-steroidals and buprenorphine and lasted for 4 days.	t Crossbred	7.5	Nobivac DHP - 1,N/A,N/A N/A,restart vaccination course (16/11/2017-16/11/2017)-BR>-BR>Nobivac L4 Suspension for injection for Dogs- 1,N/A,N/A, N/A,restart vaccination course (16/11/2017- 16/11/2017-BR>-BR>	B - Possible	As 2 vaccines have been given concurrently it is impossible to determine which has caused the symptoms, although the timing of and effects are likely related to one or either vaccine administration
NOBIVAC L4	UK-VMD-6591/17	United Kingdom	Animal	Canine/dog	7.4 Year(s)	13/11/2017	16/02/2018	1 1	0 15/:	> Not Known > Not Known > Not Known > Not Known	> rn, <r> rn, rn, <br< td=""><td>Injection sie abscess. Jojection sile errords. Jipetion sile errords. Jipetion sile errords. Jipetion sile errords. Jipetion sile eweeping (see Jaho coccytosis, Neutrophilla, Dr. nichaga la (saccytosis, Neutrophilla, Neutrophi</td><td>Not Known</td><td>2 days after vaccination the dog became quiet, a panniculitis reaction at the site of injection was note up to 25cm and organized into an absects. Pyreatio was also noted 41.2. Not reterment details supplied. Reaction duration 7 days. Case received to MAH on 16 reb 2018 Suspected Adverse Reaction On 13 Nov 2013, Gay excitanted with Nobbox DPP and Nobbox LP, climation will at time of vaccination. On 20 Nov 2017, swelling at injection site approximately 3-ferm thick and 20cm in diameter. On presentation temperature was 40.8 degrees. Celsius and a fine needed a spriate taken and no put was applicated. On 21 Nov 2017, re-examined and temperature 83.9 degrees Celsius, drinking more and inappleartant and only eating trests. Swelling 20cm 1811. On 22 Nov 2017, the Experiment 41.2 on a Silk 10.0 at 2 Nov 2017, admitted as abscess bust and formed cellulitis and treated abscess with salme flunded and temperature 41.2 can distanted Trainadol, Devaderson and Bayrif. On 24 Nov 2017, admitted as abscess bust and formed cellulitis and treated abscess with a silk of the sil</td><td>d Newfoundland</td><td>51</td><td>Bayti undentified - NI/AN/AN/A N/A/N/A/21/1/2017 - 23/11/2017-8R-SBD-Dexderson 2 mg/misofution for injection - NI/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/</td><td>B - Possible</td><td>The suspected reaction occurred within a few days of administration of the vacine. Pyrexis is a likely adverse event following vaccination as well as injection site reaction as well. Two vaccines administered</td></br<></r>	Injection sie abscess. Jojection sile errords. Jipetion sile errords. Jipetion sile errords. Jipetion sile errords. Jipetion sile eweeping (see Jaho coccytosis, Neutrophilla, Dr. nichaga la (saccytosis, Neutrophilla, Neutrophi	Not Known	2 days after vaccination the dog became quiet, a panniculitis reaction at the site of injection was note up to 25cm and organized into an absects. Pyreatio was also noted 41.2. Not reterment details supplied. Reaction duration 7 days. Case received to MAH on 16 reb 2018 Suspected Adverse Reaction On 13 Nov 2013, Gay excitanted with Nobbox DPP and Nobbox LP, climation will at time of vaccination. On 20 Nov 2017, swelling at injection site approximately 3-ferm thick and 20cm in diameter. On presentation temperature was 40.8 degrees. Celsius and a fine needed a spriate taken and no put was applicated. On 21 Nov 2017, re-examined and temperature 83.9 degrees Celsius, drinking more and inappleartant and only eating trests. Swelling 20cm 1811. On 22 Nov 2017, the Experiment 41.2 on a Silk 10.0 at 2 Nov 2017, admitted as abscess bust and formed cellulitis and treated abscess with salme flunded and temperature 41.2 can distanted Trainadol, Devaderson and Bayrif. On 24 Nov 2017, admitted as abscess bust and formed cellulitis and treated abscess with a silk of the sil	d Newfoundland	51	Bayti undentified - NI/AN/AN/A N/A/N/A/21/1/2017 - 23/11/2017-8R-SBD-Dexderson 2 mg/misofution for injection - NI/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/AN/	B - Possible	The suspected reaction occurred within a few days of administration of the vacine. Pyrexis is a likely adverse event following vaccination as well as injection site reaction as well. Two vaccines administered
NOBIVAC L4	UK-VMD-6616/16	United Kingdom	Animal	Canine/dog	2.45 Month(s)	18/11/2016	20/12/2016	1 1	0 18/	> 	rn,
 (nown</br 	Sleepiness - systemic disorder, Facial swelling (see also 'Skin'), Swelling around eye, Pinnal oedema	Not Known	Facial swelling within 1 hour of product administration. Profuse swelling bilaterally periocular, over bridge of nose, upper lips and some swelling to both prinner. On vaccination site swelling. Very sleep in consult. No previous exposure. The patient had received a different brand vaccine antigen 2 weeks previous. Outcome unknown. No further information available.	French Bulldog	4.2	Nobivac DHP - 1,N/A,N/A,10,1ml L4 used to dissolve DHP (18/11/2016-N/A) NA/SH87-SH87-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,N/A (18/11/2016-N/A) SHR> 	B - Possible	Temporal relationship between vaccination and symptom onset. Reported symptoms have been known to occur on administration of this product.
NOBIVAC L4	UK-VMD-6620/16	United Kingdom	Animal	Canine/dog	3 Month(s)	17/12/2016	20/12/2016	1 1	0 17/	12/2016 Not Ki	nown	Shaking,Vomiting,Crying,Limping	Not Known	Within 30 minutes of vaccination, vomited once and if touched would cry out. Limping on RF. Shaking from approx 9am until 5pm at which point she perked up. Previous reaction. Recovered after 8 hours. No further information available.	Crossbred	5	Nobivac L4 Suspension for Injection for Dogs - N/A,N/A,N/A,N/A,N/A (17/12/2016-N/A) 	B - Possible	Temporal association between vaccination and onset of symptoms. Described symptoms have been previously reported on administration of this product.
NOBIVAC L4	UK-VMD-6625/16	United Kingdom	Animal	Canine/dog	12.83 Year(s)	07/12/2016	20/12/2016	1 1	0 10/:	> Not Knowi > 	rn, <br×br ×BR> rn,<br×br ×BR> </br×br </br×br 	Off colour, Gait abnormality, Not eating, Pyrexia, Lethargy (see also Central nervous system depression in 'Neurological')	Not Known	Off colour, jethangis, off food (coded as Not eating), walking basily (coded as Gait abnormality), pyrexi within 48 hrs of vaccination. No previous exposure. Outcome unknown. No further information available.	a West Highland White Terrier	11	Cortavance 0.584 mg/ml Cutaneous Spray Solution for Dogs - N/A/N/A/N /A/N/A/N/A (N/A- N/A)-BRBR-Netecam 1.5 mg/ml Oral Suspension for Dogs - N/A/N/A/N/A /N/A/N/A (N/A- N/A)-BRBRNobivac L4 Suspension for Injection for Dogs - 1,N/A/N/A, 2.4,1 single dose (07/12/2016-N/A)-BRBBP-	B - Possible	Close temporal relationship between vaccination and control symptoms. These symptoms have previously been reported following administration of this product. A mild and ransent increase in though temperature (= 1 °Cl has been observed very commonly in clinical studies for a few days after vaccination, with some pups showing less activity and/or a reduced appetite. Administered concurrently with Metacam and Cortavance.
NOBIVAC L4	UK-VMD-6776/16	United Kingdom	Animal	Canine/dog	3.5 Year(s)	22/12/2016	29/12/2016	1 1	0 29/	12/2016 Not Ki	nown	Injection site swelling	Not Known	Small soft swelling at the site of vaccination showed some days after vaccination, outcome unknown. Had previous exposure with no reaction	Chihuahua	3.15	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A ,24,Given 1 standard dose (22/12/2016- N/A) BR> 	B - Possible	Timing/clinical signs suggest product involvement
NOBIVAC L4	UK-VMD-6785/16	United Kingdom	Animal	Canine/dog	2 Month(s)	30/12/2016	30/12/2016	1 1	0 30/:	> 	rn,
 (nown</br 	Swollen face (see also 'Skin'),Swollen lip (see also 'Skin')	Not Known	Swollen face/lips within 6 hours of vaccination. No previous reaction. Outcome unknown. Nothing further.	Miniature Dachshund	2.08	Nobivac DHP - N/A,N/A,N/A N/A,second vaccine given today. first vac given on 02.12.16. [30/12/2016-N/A)-BRBR-Nobivac L4 Suspension for injection for Dogs- N/A,N/A,N/A,N/A,second vaccine given today. first vac given on 02.12.16. (30/12/2016- N/A)-BRBR->	B - Possible	Close temporal association between vaccination and ymptoms. These symptoms have previously been seen following administration of this product. Multiple vaccinations administered.

NOBIVAC L4	UK-VMD-6813/17	United Kingdom	Animal	Canine/dog	2.45 Month(s)	23/11/2017	24/11/2017	1 1	0 23/11/201	7 Not Known, BR> R>CBR>CBR> Not Known, CBR>CBR> Not Known	Periorbital oedema, Pruritus, Facial oedema	Not Known	The puppy was vaccinated with Noblvac DHP and L4 on 23/11/17. [Stronghold 30mg spot on had been applied on 13/13/17]. ON 23/11/17 within one hour of vaccination the puppy had generalised puritur followed by oedematous swelling of face (periorbital and muzzle). The reaction lasted for four hours.	Crossbred	5.3	Nobivac DHP - 1,N/A,N/A, 10,1ml, mixed as per manufacturer's recommend (23/11/2017 - 23/11/2017)<8R>~8R>-Nobivac L4 Suspension for injection for Dogs -1,N/A,N/A, 10,N/A (23/11/2017 - 23/11/2017)<8R>~8R>*Stronghold 30 mg spot- no solution for dogs 2,6-5.0 kg - 1,N/A,N/A,N/A,N/A (13/11/2017)=13/11/2017)<8R>~8R>~8R>*Stronghold	B - Possible	Timing and clinical signs suggest product involvement is possible. Two vaccines given.
	UK-VMD-6892/17	United Kingdom	Animal	Canine/dog		17/11/2017		1 1	0 18/11/201	Known,
 Not Known</br 	appetite,Lethargy (see also Central nervous system depression in 'Neurological'),Nasal congestion	Not Known	On 17/11/17 the dog was vaccinated with Canigen KC and Nobivac L4. On 18/11/17 the dog had coughing and serous nasal discharge 24-48 hours after administration. Progressed to lethrary; hyponexia (coded as decreased appetite), severe nasal congestion & mild respiratory difficulties (code as respiratory distress) 4 days after vaccine. Managed with mucolytic and NSAID. The clinical signs lasted 8 days. Nothing further.	French Bulldog	7.7	Canigen KC6,N/A,N/A ,10,1st kennel cough vaccination (17/11/2017- 17/11/2017)-8R>>8R>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, 24,1 Dose Unknown 1 Animal (17/11/2017-17/17/17/17/17/18)R>-8R>	O1 - Inconclusive	Lethargy and reduced appetite can occur post vaccination, although other signs are more likely due to intranasal vaccine. Two products given.
NOBIVAC L4	UK-VMD-6901/17	United Kingdom	Animal	Canine/dog	5.25 Year(s)	22/11/2017	29/11/2017	1 1	0 23/11/201	7 Yes	Diarrhoea, Vomiting	No Data	Vomilting and diarrhoea started the day after vaccination. The vomilting resolved after 48 hours, the diarrhoea was still ongoing when report was received despite unspecified treatment.	Labrador Retriever	36.5	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 single dose (22/11/2017-N/A) 	B - Possible	The acute onset of symptoms less than 24 hours after vaccination may be associated with the vaccine use.
NOBIVAC L4	UK-VMD-6918/17	United Kingdom	Animal	Canine/dog	2.3 Month(s	22/11/2017	01/12/2017	1 1	1 25/11/201	Not Known,
BR> Not Known</br 	Abnomal posture NGS, increased salivation, Tremo, Unconscious, St. king, Eyer solling back, Shallow breathing, Seeijness - systemic disorder, Guilet, Tachycardia, Involur ary (yee also Certular herovous system depression in Neurological'). Death by euthanasis, Increased respirator rate, Trembling, Seizure NGS, Bettersloot and Comment, Diarrhoea	Not Known	The dog was vaccinated with Noblavic DPR and L8 on 22/11/17. On 25/11/17 the dog hald a seturity pee epitode and diarnhose which became out, more like liquid the nest day, No womiting, no blood in diarnhose, sheepy vesterday, quiet today. Owner hasn't given advocate and no access to any toxins. Seture type epitode this evening approx 5.50pm, yeer solling back and head stretched ou, Whole body shaking passed, no urine or faces during episode. Owner didn't time episode, quiet and trembling since. On annival at vet practice - quiet, no neurological ediptics, chest bound clear. H8 approx 180 but R8 very high and shallow breathing. Mucous membranes pink_CRT-2 secs, abdomen slightly enlarged—hasn't been women de, temperature 8.1. B. 68.8. Owner reports usually very helpy pupp, east well and plays lots. Vaccinated Wednesday 22nd Nov 9am. Neurological episode? toxin? shund't vaccine reaction (quiet beit for this??) other 3 device unlikely to be vaccine reaction but to its convinced linkel of vaccine. The dog had another episode willie waiting for blood results- lasted approx 30 seconds satisfunger+, defected sof 1 faces, eyes rolled spwards, body over on nos else with tremors, unconscious, after episode would will be abornalities on hadron between the with tremors, unconscious, after episode quiet with rapid breathing as previously. Pasted reasonable volume with tremors, unconscious, after episode would will be abornalities on hadron between the with tremors, over the control of the properties of the proper	Chihuahua	1.04	Neblac DIP - 1,1/k,N/k, A/k,1 ml Unknown 1 Anima (2/11/2017- 27/11/2017-); RR-KBN-Neblac L4 Suspension for Injection for Daps - 1,1/k,N/k, A/k,1 ml Unknown 1 Anima (22/11/2017); BR-KBN-2017- 22/11/2017); BR-KBN-2017- 22/11/2017; BR-KBN-2017- 22/11/2017- 22/11/2017; BR-KBN-2017- 22/11/2017- 22	01 - Inconclusive	The case was not fully meetigated and the clinical signs are unspected however product movement cannot be fully discounted. Two vaccines given.
NOBIVAC L4	UK-VMD-6936/17	United Kingdom	Animal	Canine/dog	2.5 Month(s	27/07/2017	30/11/2017	1 1	0 27/07/201	7 Not Known	Lethargy (see also Central nervous system depression in 'Neurological'),Stiffness NOS,Subdued	Not Known	The pupp was vaccinated on 27/07/17 with Nobivac L4 - on the same day the pup was very subdued and seemed stiff the evening of the day the vaccine was administered. Back to normal self by the following morning and repeated Nobivac L4 vaccination 4 wks after 1st vaccine and no reaction was seen.	Other Canine/dog	6.3	Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,vaccine administered subcutane (27/07/2017-27/07/2017) BR> 	A - Probable	Timing and clinical signs suggest product involvement is probable.
NOBIVAC L4	UK-VMD-6941/17	United Kingdom	Animal	Canine/dog	6 Year(s)	24/11/2017	01/12/2017	1 1	0 25/11/201	7 Not Known,
 >KBR> Not Known</br 	Application site lesion, Application site necrosis, Injection site lesion, Injection site necrosis, Application site dermatitis, Injection site dermatitis	Not Known	Local deep sin dematitis with small necrotic lesion in the centre (we assume at injection site) less than 24 hours following vaccination with L4 and DHP. Outcome unknown.	Golden Retriever	39	Nobivac DHP - 1,N/A,N/A,10,1 ml (24/11/2017-N/A) >BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 ml Unknown 1 Animal (24/11/2017-N/A) >BR>	B - Possible	Timing/clinical signs suggest product involvement. Two products administered no change in assessment from update
NOBIVAC L4	UK-VMG-7027/17	United Kingdom	Animal	Canine/dog	1.45 Month(s)	27/11/2017	01/12/2017	1 1	0 01/12/201	7 Not Known, KBR>CBR>CBR> Not Known, CBR> Not Known, CBR> Not Known, CBR> Not Known, CBR> Not Known, CBR> Not Known,	Erythema (for urticaria see Immun SOC),Pruntus,Epidermal collarette	e Not Known	On 27 Nov 2017 the dag was vacciested with Nobbuc DHP/L4 and KC and given a Milbernar Tablets for Small Dogs and Puppies. On 1 Dec 2017 the dog had epidermal collarettes and skin erythema in patches across ventrum. The dog may be prurite but the owner was not sure. No further information.	Other Canine/dog	8.1	Milbemax Tablets for Small Dogs and Pupples: N/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA/NA	O - Unclassifiable/unassessa ble	Cinical signs are not expected and may have another cause - however product involvement cannot be fully discounted. Four products used.
	UK-VMD-7031/17	United Kingdom	Animal	Canine/dog		04/11/2017	06/12/2017	1 1	0 04/11/201	7 Not Known, BR >>BR>>BR> Not Known	Periorbital oedema, Facial oedema	Not Known	On 4 Nov 2017 the dog was vaccinated with Nobiaus DHP and 14 - within less than 30 minutes the dog had facial oedema and periorbital swelling that lasted 3 hours. Nothing further.		Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (04/11/2017- 04/11/2017) Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 Dose Unknown 1 Animal (04/11/2017- 04/11/2017) 	B - Possible	Timing and clinical signs suggest product involvement is possible. Two vaccines given.
	UK-VMD-7062/17	United Kingdom	Animal	Canine/dog	2.25 Year(s)	24/11/2017	05/12/2017	1 1	0 24/11/201	7 Not Known,
 Not Known</br 	Behavioural disorder NOS,Unable to stand,Elevated temperature,Shaking,Skin warmth,Attention-seeking behaviour	Not Known	On 24/11/17 the dog was vaccinated with Noblac DPP and 14. The owner reported a violent reaction in the dog to the vaccines around an low arter given-Tokine, feeling hot, clingly (coded as attention seeking behaviour) and not wanting to stand up. No vomiting or Diarrhoea. No information on treatment or outcome.	n Chihuahua	Not Known	Nobivac DHP - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (24/11/2017- 24/11/2017)-BR>-BR>Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A, N/A,1 ml Unknown 1 Animal (24/11/2017- 24/11/2017)-BR>>-BR>	B - Possible	Timing and clinical signs indicate product involvement is possible. Two products used.
NOBIVAC L4		United Kingdom	Animal	Canine/dog	Month(s)	05/12/2017	05/12/2017	1 1	0 05/12/201	7 Not Known, BR > BR>BR> Not Known, BR > GR> Not Known	pruritus	Not Known	Swollen muzzle & peri-orbital area. Pruritus of face and ears less than 6 hours after vaccination. Reaction duration 2 hours	Crossbred		Nobino CHF - 1,N/A,N/A, N/A,One dose of DIPL 1 injected once subcutaneously, one dose of KC administered once intra-nasally. (1 Day(s) 05/12/2017;BR-Nobinor KC - 1,N/A,N/A,N/A (05/12/2017- 05/12/2017;BR-BR-Nobinor LO Suspension for injection for Dogs - 1,N/A,N/A,N/A (05/12/2017- 05/12/2017;BR-BR-SB-NB- 05/12/2017;BR-SB-SB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB-NB	B - Possible	Transgelinical signs suggert a possible hypersensitivity/anaphylactic reaction to the vaccine. Three vaccines administered concurrently
NOBIVAC L4	UK-VMD-7091/17	United Kingdom	Animal	Canine/dog	3 Month(s)	21/11/2017	06/12/2017	1 1	0 21/11/201	7 Not Known,
 BR> Not Known</br 		Not Known	On 21 Nov 2017 the pup was vaccinated with Noblace DHP and 1.4. From the same day of vaccination, the dog was tellarity, counting, coughing, sorting (code as Stridor) and had a loss of appetite. The pup developed a respiratory infection and is being treated with antibiotics.	Crossbred	1.4	Nobivac DHP - 1,N/A,N/A,24,N/A (21/11/2017- 21/11/2017)-BR>~BR>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,24,N/A (21/11/2017- 21/11/2017)-BR>~BR>	B - Possible	Lethargy and reduced appetite can be seen but womtling, coughing and respiratory infection are unexpected and may have another cause. Two vaccines given. Product involvement is possible.

Part																			
Part	NOBIVAC L4			Animal	Canine/dog	14 Week(s)	22/11/2017	08/12/2017	1 1	0 23/11/201	> Not Known,
 Not Known</br 	Central nervous system depression in 'Neurological'],Anaemia NOS		neutropenia, anaemia, severe uvetits. Treated with IVIT, Blood transfusion, Amosiciav, Sucralfate and Lubrithal. No history of previous vaccinations. No information on outcome.	d Crossbred	2.4	Consult approx 4pm 22/11/17 (22/11/2017-N/A) -GBN-Nobivac DHP - 1,N/A,N/A,N/A,N/A (22/11/2017- 22/11/2017-BR>>GBN-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (22/11/2017- 22/11/2017-BR>>GBN-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (22/11/2017- 22/11/2017-BR>>GBN-Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,N/A (22/11/2017- 22/11/2017-BR>>GBN-Nobivac L4		unexpected - product involvement is possible. Three products given.
Part	NOBIVAC L4	UK-VMD-7109/17		Animal	Canine/dog	4.33 Year(s)	05/12/2017	07/12/2017	1 1	0 05/12/201	R> Not Known,
 </br 	of the skin,Facial oedema,Pruritic	Not Known	trunk. pruritic. Dog has vaccinated annually, but the first time with this brand and L4. Reaction duration	Pug	9.8	N/A,whole vials DNP and La by subcut injection and whole vial KC intransal (05/12/2017. N/A)=RR9-SR9-Nobinec KC - N/A)=RR9-SR9-Nobinec KC - N/A)=RR9-SR9-Nobinec KC - N/A)=RR9-SR9-Nobinec Vial SR9-SR9-Nobinec Vial SR9-SR9-Nobinec La Supernion for Injection for Dogs - N/A/AR9-SR9-Nobinec La Supernion for Injection for Dogs - N/A/AR9-SR9-Nobinec Vial SR9-SR9-Nobinec Vial SR9-SR9-SR9-Nobinec Vial SR9-SR9-SR9-SR9-SR9-SR9-SR9-SR9-SR9-SR9-	B - Possible	reaction and the close temporal link suggests
Page	NOBIVAC L4	UK-VMD-7110/17		Animal	Canine/dog	2 Month(s)	06/12/2017	08/12/2017	1 1	0 07/12/201	7 Yes	pain, Diarrhoea, Anorexia, Lethargy (see also Central nervous system depression in 'Neurological'), Anaphylactic	No Data	hours post vaccination. Unspecified treatment given, pain resolved after 5 hours, outcome for other	Crossbred	0.8	for Dogs - 1,N/A,N/A ,N/A,1 ml Unknown 1 Animal (06/12/2017-	A - Probable	the onset interval of suspected adverse event with
Part			Kingdom	Animal					1 1		R> <r>Not</r>	Afscellaneous eating disorder NOS,Colitis,Diennous, vontingtact hargy (see also Central nervous system depression 'Neurological',Off colour_Pyreus, Dephraction,Abdom nal discomfort_intestinal disorder NOS	Not Known	spasms lasting for 12 hours. Unspecified treatment recorded. Follow up reported to MAH 15 March 2018 On the 6 November 2017, the dog was presented for the first dose of his jurinary vaccination course. The dog was fit and well at the time of vaccination, Noblwac DIPP and Noblwac L4 were given. On the 11 November 2017, the dog was presented with collips to set vaccination but also reportedly eating things that it, shouldn't (unspecified). Treatment with Canitur Pro Paste was given. On the 4 December 2017, the dog was given the second dose with Noblac DIPP and Noblac L4. Later on the same day, about 2.5 hours after vaccination, the dog started vonniting and passing diarrhoes, was off colour, lethanger, the body temperature was 10.6 degree raftermels, the dog that moderate abdominal discomfort, inectal spasms and the skin was midly tent. No detary indiscretions were abdominal discomfort, inectal spasms and the skin was midly tent. No detary indiscretions were said to the skin was given. No more information expected. Follow up 28 Mar 2018. New case set for reaction to Noblvac DIP and Noblac L4 administered on 6 Nov 2017, Please see linked case 2018-UK-01821.	Crossbred		val of each mixed accord (old/12/017; 00/12/2017) eBR~BR-Nobbiac L4 Supersion for Injection for Digs-1, JA/NA/A/ A/A/L in Unknown 1 Animal (04/12/2017) eBR~BR-04/12/2017 04/12/2017) eBR~BR-04/12/2017 04/12/2017 04/12/2017		close time association to vaccination but as 2 concurrent products cannot be sure which may have caused.
Segment of the property of the		,	Kingdom		77.0	,	, , ,		1 1			lump,Polydipsia,Polyuria	Not Known	formation at site of injection. Also, possibly mild polyuria and polydipsia. The mass was approximately the size of small peach. FNA showed blood/purulent material. Resolving on amoxy-clav antibiotics. No further information			for Dogs - 1,N/A,N/A,N/A,single dose vial (18/11/2017- 18/11/2017) 		unexpected and may be due to act of administration - polyuria and polydipsia may be due to infection. Product involvement is possible.
SCHINGLE IN PROPERTY IN PROPER				Animal	Canine/dog	5.5 Year(s)	08/12/2017	15/12/2017	1 1	0 11/12/201	7 Not Known	pain, Vomiting, Localised pain NOS	Not Known	stiffness and spinal pain following vaccination. Treated as a possible discospondylitis with antibiotics and analgesia. Improved with medication. Second dose of Nobivac L4 given 4 weeks later on 8 Dec 2017 and the dog has a similar reaction starting 11 Dec 2017. No further information.			for Dogs - 1,N/A,N/A ,24,2 doses administered 4 weeks apart (08/12/2017-08/12/2017) 	B - Possible	recurrence after second dose suggest product involvement is possible.
NOBIVIC LI UN-VMD-7377/17 Under Minimum Mini				Animal	Canine/dog	5.8 Year(s)	13/11/2017	15/12/2017	1 1	0 13/11/201	R> Not	3 Diarrhoea, Vomiting	Not Known	later.			DHP 1 dose Vial Lepto 1 dose daydministered dhp/lepto 4 and then DHP 2 weeks later (13/11/2017- N/A) BR>BR>Nobixoc L4 Suspension for Injection for Dogs - 1.N/A,N/A,N/A,N/A (13/11/2017- N/A) 	B - Possible	with common vaccination reaction, although 2
after receiving the vaccination however because the had also come in to season. (Reaction start date entertained in homoses, styling garburs and after the vest investigations and CT can be well as 15 sept for receiving purpose), the come misstook her symptomic profit of or for the clinical examination. NOBIVAC L4 UN-VMD-7443/17 United Animal Kingdom NOBIVAC L4 UN-VMD-7443/17 United Animal Kingdom NOBIVAC L4 UN-VMD-7443/17 United Animal Kingdom NOBIVAC L4 UN-VMD-7459/17 United Nobile CLIP Companies (Season of the Companies of the Com				Animal	Canine/dog	11 Year(s)	13/12/2017	20/12/2017	1 1	0 17/12/201	> 	mucopurulent discharge,Injection site swelling,Lethargy (see also Central nervous system depression	Not Known	vaccination. First noticed by owner 4 days after vaccination. Seems tender. Animal slightly subdued at home. Appetite fine. Temp 39.1 degrees. Skin cleaned with surgical spirit and fine needie appirate taken. Appirated 5 ml purulent discharge. Diagnosis - abscess. Possibly related to administration of	Springer	20.8	reconstituted vaccine a (13/12/2017- N/A) Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,10,1 ml Unknown 1	B - Possible	
R>-GR-R-BR-Not Skin1_yella orderma_Swollen lip Known Rs-GR-R-BR-Not Not Known Vs-RRGR-R-BR-Not Not Known Not	NOBIVAC L4	UK-VMD-7377/17		Animal	Canine/dog	2.52 Year(s)	05/09/2017	19/12/2017	1 1	0 11/09/201	7 Not Known	NOS,Meningitis,Seizure	Not Known	after receiving the vaccination however because she had also come in to season, (Reaction start date entered as 11 Sept for reporting purposes), the owner mistook her symptoms of moodiness and going off food for her change in hormones. By 26 Cct she started having seitzers and after the visit investigations and CT scan it was determined that she had developed meningitis by something	French Bulldog	Not Known	for Dogs - 1,N/A,N/A ,24,N/A	O1 - Inconclusive	although signs are unexpected, product involvement
Kingdom Kingdo	NOBIVAC L4			Animal	Canine/dog		28/11/2017	20/12/2017	1 1	0 28/11/201	R> Not Known,
 </br 	'Skin'),Eyelid oedema,Swollen lip	Not Known	was normal. Unspecified treatment given leading to recovery 1 hour later. Case recieved to MAH on 2 Dec 2017 Suspected Adverse Reaction On 28 Nov 2017, puppy vaccinated with Nobivac Kc, Nobivac DHP and Nobivac L4. Same day a hour later developed facial swelling including eyes and ligo: the respiration was unaffected. Given Colvasone and the swelling settled down and resolved. No further	n Crossbred	2.8	Animal (28/11/2017- 28/11/2017)-BR>-BR>-Nobivac KC - 4,N/AN/A, 1,0,0.4 ml Unknown 1 Animal (28/11/2017- 28/11/2017)-BR>-BB>-Nobivac L4 Suspension for Injection for Dogs - 1,N/AN/A, 1,0,1 ml 1 Animal	B - Possible	NCA agrees with MAH assessment.
	NOBIVAC L4	UK-VMD-7459/17		Animal	Canine/dog	2.24 Year(s)	20/12/2017	20/12/2017	1 1	0 20/12/201	7 Not Known		Not Known			2.6	for Dogs - N/A,N/A,N/A,N/A,Annual vaccination. (10 Second(s)	A - Probable	onset of signs and the product administration. No

	UK-VMD-7461/17	United Kingdom	Animal	Canine/dog		23/10/2016	20/12/2017	1 1		≻BR≻ Not Kn	i, <br×br e<br=""> fi</br×br>	reizure NOS, Death by utthanasia Increased seizure requency	Not Known	Within 3 weeks of vaccination [13/11/2016] Milo started to have seizures. He had never had seizure before the vaccination. The attending ver never got a definitive diagnose, however there was a suspicion of diopathic seizure or a neolpiasia or mass. The treatment for the seizures started on the 1 th November 2016 with Repora [207 in one very 8 hours) and Phenobarbstron [15 in geven 12 hours) and Diazepam 5 mg rectal tube only in case of seizures. The treatment did show some improvement at the beginning. The owned did not report any seizures until the 17 of January, After the 17 of January, 2017 the dose was increased but despite of that the frequency of the seizures kept increasing until he was fitting every 7-days and the length of each episiode was getting longer, but recovery was getting longer, but 28 hours. He was PTS 13 May 2017. VMD note: we contacted the vet practice to gain mome details on the solures.	Crossbred	9.5	Nobivac DHPPi, Lyophilisate for Suspension for Injection for Dogs- 1.N/A,N/A, N/A,N/A (23/10/2016- N/A)<8R8R-Nobivac L4 Suspension for Injection for Dogs- 1.N/A,N/A,N/A,1 vial (23/10/2016- N/A)<8R->GR->	O1 - Inconclusive	There is a temporal relationship to the vaccination although other causes eg epilepsy may be causes. 2 products used concurrently.
	UK-VMD-7547/17	United Kingdom	Animal		3.3 Year(s)	01/12/2017	29/12/2017	1 1		> < Not Kn	, 	njection site abscess,Injection site ecrosis,Injection site swelling	Not Known	On 1 Dec 2017 the dog was vaccinated with Nobino CHP and 14. The dog had a hard reaction at the injection site fair 2 days progressing to massive of swelling with sin encrosis & abuces formation. Pirton given before this years vaccine as precaution as last year the dog's head swelled after a different vaccine was given. No information on treatment or outcome.	French Bulldog	14	Nobivac DHP - 1,N/A,N/A,24,1 Dose Unknown 1 Animal (01/12/2017- 01/12/2017): BR> Nobivac L4 Suspension for Injection for Dogs- 1,N/A,N/A,24,1 Dose Unknown 1 Animal (01/12/2017- 01/12/2017): BR> 	B - Possible	Close temporal and site association. Two products given. Product involvement is possible.
	UK-VMD-7566/17	United Kingdom	Animal			19/12/2017	29/12/2017	1 1	0 21/1	Known, > < Not Kn		vloist dermatitis,Purulent lesion(s)	Not Known	On 19 Dec 2017 the dog was succinated with Nobbrac L4 and given Nobbrac KC concurrently, On 21 Dec 2017 the dog had montst dermatist across dorsal neck and thorax with a purulent discharge. No information on treatment or outcome.	Staffordshire Bull Terrier	14.1	Unknown 1 Animal (19/12/2017- 19/12/2017) >BR>>Nobivac L4 Suspension for Injection for Dogs - 1,N/A,N/A,N/A,1 vial (19/12/2017- 19/12/2017) >BR>	B - Possible	Close temporal association and location of lesion is in region of vaccination, however clinical signs are unexpected - product involvement is possible.
	UK-VMD-7623/17	United Kingdom	Animal			27/09/2017		1 1		> > Not Known, > >	frical fr	eiture NOS jnressed seiture requency	Not Known	Sewere cluster of seturues starting the night of 29/09/17, 2 days after vaccination. Since then having seturues every 2 weeks or so desglet being on epiphen and Reppra. 2 previous generalized seturues 07/05/17 and 18/09/17. Owner concerned this could be related to the L4 vaccine. Reaction duration is months	German Shepherd Dog	36.5	Alzane S mg/ml, Solution for Injection for Dog and Cats - In/LAN/AN/A M/AN/A E/27/09/2017- N/A-BR-GBS-Doctene Vet 1 mg/ml Solution for Injection for Dogs and Cats - N/AN/AN/AN/A/AN/AN/AN/AN/AN/AN/AN/AN/AN/	O3 - Inconclusive	seitures occurred prior to vaccination and had first vaccination without any seitures. However booster vaccine and results eg pyrecia may have contributed to increased seiture frequency. Other concurrent products and vaccines used also
NOBIVAC L4		United Kingdom	Animal	Canine/dog	4.83 Year(s)	18/12/2017	29/12/2017	1 1	0 22/1	Known, > < Not Kn	, w lown	njection site welling Malaise,Injection site varmth	Not Known	Subcutaeneous swelling overhying scapula (assume injection site), local heat, malaise approx 4 days after vaccination, no pyrexia or lympahdenopathy. Antibiotic responsive and recovered in approx one week.	German Shepherd Dog	37.7	Nobivac DHPPi, Lyophilisate for Suspension for injection for Dogs - N/A.N/A.N/A.N/A.N/A (18/12/2017- N/A) <br->BR>Nobivac L4 Suspension for rijection for Dogs - 1.N/A.N/A.N/A.Single vial (18/12/2017-N/A) >BR></br->	B - Possible	Timing/clinical signs suggest product involvement. Two products administered
	US-FRMERIAL-12US085879	United States	Animal	Canine/dog	6 Year(s)	30/08/2012	07/09/2012	1 1	03/0	Known, SBS- Yes, CBI R-SBR- Known, SBR- Not Known, SBS- Not Known, SBS- Not Known, SBS- Not Known, SBS- Not Known,	\(\cdot \) \(\cdo \) \(\cdot \) \(\cdot \) \(\cdo \) \(\cdot \) \(\cdot \) \(\cdo \) \(\cdo \) \(\cdot \) \(\c	uthritis, Annoreia, Pain (So, Peterbiae NOS, Abnormal test esuit, Hives (see also sain, Jabon mail radiograph inding, Fever	Not	Superted Adverse Event.As reported by veterinarian, Avel, a 1010 pound, 6 year old, neutred male folloof hound received FMORTLINE FOLLOG 63-912.185 [e16th-FMORTMAN of EGGS5574] pointpalls to the skin between the shoulder blades on 30 August 2012 while boarding at the veterinary clinic. The per presented to the veterinary clinic. The per presented to the veterinary clinic. The per presented to the veterinary clinic or September 2012 with hisses down the pain (spaced incline) apart) with preterbal centers, hives on the pectoral region and inguinal region, and was so painful whe touched down the dorsum he growled. The pert's temperature on presentation was 101.7 and so the veterinarian pave the doi: 1 of 1 V. fluids and Transadol. Later in the day on 5 September 2012, the veterinarian pave the doi: 1 of 1 V. fluids and Transadol. Later in the day on 5 September 2012, the veterinarian pave the CR 2012, the commal lambs, but the CR 2014 dolled his control of the command lambs, but the CR 2014 dolled his control of the command lambs, but the CR 2014 dolled his control of the command lambs and the CR 2014 dolled his control of the command lambs and the CR 2014 dolled his control of the control of the CR 2014 dolled his control of the CR 2014 dolled his control of the control of the CR 2014 dolled his control of the CR	Bloodhound in 7 st te	46.72	BIS oral bordetella - NIA,NIA,NIA,NIA,NIA,NIA,NIA, AMA, daose (30,067,021). NIA,1-BORGORO, DESTRUCTION - NIA, BARNANA, NIA, 10,000 B8-1312 BS-NIA,NIA,NIA, DOGG 88-1312 BS-NIA,NIA,NIA, NIA, 10,000 B8-1312 BS-NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,NIA,		
NOBIVAC L4	US-NLINTVINT-2015-US-03988	United States	Animal	Canine/dog	8 Year(s)	31/03/2015	25/08/2015	1 1	0 13/0	Known, >BR> Not Known, >BR> Yes, <br< td=""><td> o p , <br <br="" n="" =""/> R> BR>No, BR> <</td><td>yperactive/tatas. Turching Tre hing, normal, foreral pair (see the state) and the state of the s</td><td>Other</td><td>Sepected Adverse Reaction: On 28 Acr 2015, a set reported that a dog that had been given a Nobia Canine 1-DaPPY and Nobbac Lepto 1 doctine glus a Bravest 20 rang labeller of regis 3 grounds to 2 good and 1 ms of 2015, became ill with signs of non specific pain, twitching, difficulty moving and hyperactivity 1.5 at 2015. It is unknown if food had been given with the Bravest cablet. The dog la also received another company's rables and had been placed on dosycycline for tick borne diseases. The dog continues to have issued, esplicitly the discontinuing of doncycline nation supportive care, including Binnalyl and Clavamov. The vet is considering a neurology referral. Follow up pending for patient outcome and referral information. Follow up to 8M Ay 2015, the vet forwarded medical records of the patient. The serial numbers of the vaccines were added to the case. Signs noted in the records included dist stool, trentiling and atsain on 17 Acr 2015. The dog also had inappetence around 31 Agr 2015. Follow up pending for patient outcome. Follow-up on 25 Aug 2015. The dog responded to care and recovered on 18 May 2015. The organization of the patient in the patient outcome. Follow-up on 25 Aug 2015. The dog is not responded to care and recovered on 18 May 2015. The dog is composed to the and recovered on 18 May 2015. Changed doxycycline to a suspect product. No more information is expected. (Reason for use for product: Generic: CANNED DAZPPY (DRIS 2-VI) SP 15 Bins and ModRING LEPTO 4.25 STATE Reason Vaccination Generic: Brand. Brank VECTO 250MG IX11AB 240 Reason for use for uncated. (State of health: Fair)</td><td>c Crossbred 2</td><td>7.44</td><td>BANKETO 356M6 INTIA 240 JANAN/A JA 1 Tablets Once 1 Almai (31/03/2015- 31/03/2015-BR-BB-Doxycycline- N/AN/A/A 24 Unknown (13- 31/03/2015-BR-BB-Doxycycline- N/AN/A/A/A 24 Unknown (31- 31/03/2015-BR-BB-MB-INDRIVA 31/03/2015-BR-BB-NBRIVA 31/03/2015-BR-BB-NBRIVA 31/03/2015-BR-BB-NBRIVA 13/03/2015-BR-BB-NBRIVA 13/0</td><td></td><td></td></br<>	 o p , R> BR>No, BR> <	yperactive/tatas. Turching Tre hing, normal, foreral pair (see the state) and the state of the s	Other	Sepected Adverse Reaction: On 28 Acr 2015, a set reported that a dog that had been given a Nobia Canine 1-DaPPY and Nobbac Lepto 1 doctine glus a Bravest 20 rang labeller of regis 3 grounds to 2 good and 1 ms of 2015, became ill with signs of non specific pain, twitching, difficulty moving and hyperactivity 1.5 at 2015. It is unknown if food had been given with the Bravest cablet. The dog la also received another company's rables and had been placed on dosycycline for tick borne diseases. The dog continues to have issued, esplicitly the discontinuing of doncycline nation supportive care, including Binnalyl and Clavamov. The vet is considering a neurology referral. Follow up pending for patient outcome and referral information. Follow up to 8M Ay 2015, the vet forwarded medical records of the patient. The serial numbers of the vaccines were added to the case. Signs noted in the records included dist stool, trentiling and atsain on 17 Acr 2015. The dog also had inappetence around 31 Agr 2015. Follow up pending for patient outcome. Follow-up on 25 Aug 2015. The dog responded to care and recovered on 18 May 2015. The organization of the patient in the patient outcome. Follow-up on 25 Aug 2015. The dog is not responded to care and recovered on 18 May 2015. The dog is composed to the and recovered on 18 May 2015. Changed doxycycline to a suspect product. No more information is expected. (Reason for use for product: Generic: CANNED DAZPPY (DRIS 2-VI) SP 15 Bins and ModRING LEPTO 4.25 STATE Reason Vaccination Generic: Brand. Brank VECTO 250MG IX11AB 240 Reason for use for uncated. (State of health: Fair)	c Crossbred 2	7.44	BANKETO 356M6 INTIA 240 JANAN/A JA 1 Tablets Once 1 Almai (31/03/2015- 31/03/2015-BR-BB-Doxycycline- N/AN/A/A 24 Unknown (13- 31/03/2015-BR-BB-Doxycycline- N/AN/A/A/A 24 Unknown (31- 31/03/2015-BR-BB-MB-INDRIVA 31/03/2015-BR-BB-NBRIVA 31/03/2015-BR-BB-NBRIVA 31/03/2015-BR-BB-NBRIVA 13/03/2015-BR-BB-NBRIVA 13/0		

NOBIVAC L4	US-UKPFIZAH-2016-US-15772	United	Animal	Canine/dog	15 Year(s)	01/04/2016	16/05/2016	1 1	1 01,			Dehydration,Elevated liver	Not	On 4/18/16, a veterinarian called to report a perceived adverse event involving Bronchicine			BRONCHICINE CAE - 1,N/A,N/A ,24,1	
		States									> Not	enzymes,Elevated renal	Known	(serial#119935A) and Cerenia Injectable (lot number unknown) in a 15 y/o, FS 11.5 lb Miniature Poodle	Poodle		Dose 1 Animal (01/04/2016-	
											nown, <br< td=""><td>parameters, Hyperphosphataemia, E</td><td></td><td>in fair health. Concomitant medical conditions include cataracts, vision and hearing loss, arthritis and</td><td></td><td></td><td>01/04/2016) CERENIA</td><td></td></br<>	parameters, Hyperphosphataemia, E		in fair health. Concomitant medical conditions include cataracts, vision and hearing loss, arthritis and			01/04/2016) CERENIA	
										><	 	levated BUN,Elevated		oral disease. Concomitant products included Merial DHPP, Merial rabies and Novibac Lepto 4. The dog			NJECTABLE75,N/A,N/A ,10,0.75	
										No.	lot	creatinine,Elevated ALT,Elevated		was vaccinated with Bronchicine, Merial DHPP, Merial rabies and Novibac Lepto 4. Less than 24 hours,			nl 1 Animal (06/04/2016-	
											nown,
</br 	SAP,Dull,Hyponatremia,Emesis,Hea d tilt - ear disorder,Circling -		the dog had an adverse event that was characterized as dull, ataxia, lethargy, anorexia and emesis. Five			N/A) DHPP	
										><	 	neurological disorder (see also		days post vaccination, additional signs were noted: elevated liver values, elevated renal values and hyponatremia. Treatment included Cerenia Injectable. Five days post Cerenia therapy, the dog was			Merial(Vaccine) - N/A,N/A,N/A N/A,Unknown 1 Animal	
										No.	nown. <br< td=""><td>'Behavioural disorders'),Unable to</td><td></td><td>nyponatremia. Treatment included Cerenia Injectable. Five days post Cerenia therapy, the dog was unable to stand and was euthanized. A necropsy was performed. Case owner assessment is</td><td></td><td>,</td><td>N/A,Unknown 1 Animai 01/04/2016-</td><td></td></br<>	'Behavioural disorders'),Unable to		nyponatremia. Treatment included Cerenia Injectable. Five days post Cerenia therapy, the dog was unable to stand and was euthanized. A necropsy was performed. Case owner assessment is		,	N/A,Unknown 1 Animai 01/04/2016-	
												stand.Ataxia.Death by		inconclusive for Bronchicine. Although a temporal relationship does not. Pre-existing disease (ie., renal			01/04/2016- 01/04/2016\ Dexamethas	
										No.	lot	euthanasia,Hypothermia,Lethargy		disease) is possible especially since bloodwork was not performed prior to vaccination. Case owner			one Injection (Injection) -	
										Ko.	nown. <br< td=""><td>(see also Central nervous system</td><td></td><td>assessment is unclassified for Cerenia Injectable. Since a necropsy was not performed, a definitive</td><td></td><td></td><td>N/A,N/A,N/A ,N/A,Unknown 1</td><td></td></br<>	(see also Central nervous system		assessment is unclassified for Cerenia Injectable. Since a necropsy was not performed, a definitive			N/A,N/A,N/A ,N/A,Unknown 1	
												depression in 'Neurological'),Not		cause of the dog's clinical signs is unknown. Pre-existing disease (ie., renal disease) has not been ruled			Animal (06/04/2016-	
										No.	ot Ont	eating		out. Per the reporter, the dog presented to the clinic on 4/1/16 for an examination and vaccination. On		í	06/04/2016) Nobivac	
										Kn	nown. <br< td=""><td>catally</td><td></td><td>physical exam, several concomitant medical conditions were noted (see above). The dog was</td><td></td><td></td><td>epto 4 ISP - N/A.N/A.N/A</td><td></td></br<>	catally		physical exam, several concomitant medical conditions were noted (see above). The dog was			epto 4 ISP - N/A.N/A.N/A	
											 			vaccinated with Bronchicine, Merial DHPP, Merial rabies ands Novibac Lepto 4. Later that day, the dog			N/A,Unknown 1 Animal	
										No	int			appeared dull, ataxic and lethargic. The dog was not eating and had signs of emesis. On 4/6/16, the dog			01/04/2016-	
										Kn	nown. <br< td=""><td></td><td></td><td>returned to the clinic. Bloodwork was performed that revealed the following abnormalities: ALKP 911</td><td></td><td></td><td>01/04/2016) Prednisone</td><td></td></br<>			returned to the clinic. Bloodwork was performed that revealed the following abnormalities: ALKP 911			01/04/2016) Prednisone	
											 			(20-150), ALT 234 (10-118), Bun 107 (7-25), Creat 2.3 (.3-1.4), Phos 10 (2.9-6.6), low NA 116 (138-160).			Unknown) - N/A,N/A,N/A	
										No	lot Known			Treatment included Cerenia Injectable (dose unknown). On 4/11/16, the dog returned back to the		i i	N/A,Unknown 1 Animal	
														clinic unable to stand. Bloodwork and a referral to a specialist were declined. On 4/12/16, the dog was		0	06/04/2016-N/A) Rabies	
														euthanized. A necropsy has not been performed. The dog's body is in the freezer. The veterinarian's			Vaccine) - N/A,N/A,N/A	
														level of suspicion is low for causality. Medical records were requested. If any new information is		i i	N/A,Unknown 1 Animal	
														received, it will be reported. 4/19/16: Medical records were received and reviewed. On 4/4/16, the dog		(0	01/04/2016-	
														was treated with Dexamethasone (1.5 ml SQ) and sent home with oral Prednisone suspension 3mg/ml-		0	01/04/2016) SQ Fluids	
		1			I		1		1 1				1	1.5 ml sid. Additional clinical signs that was noted on 4/6/ included dehydration, hypothermia (99.8F),		(1	Injection) - 200,N/A,N/A ,10,200 ml	l
					l		1		1 1					circling to the right and head tilt to the right. The dog was treated with 0.75 ml of Cerenia Injectable		ì	I Animal (06/04/2016-	
					l		1			1			1	and 200 ml SQ fluids. The dog's body has been submitted for necropsy. Histopathology is pending.		0	06/04/2016) 	l
NOBIVAC L4	US-UKPFIZAH-2016-US-56591	United	Animal	Canine/dog	8 Year(s)	21/12/2016	14/02/2017	1 1	1 23.	/12/2016 Ye	es, <b< td=""><td>Vomiting,Death by</td><td>Not</td><td>27DEC2016: A technician reported a possible adverse reaction with Vanguard CIV, Simplicef, Cerenia</td><td>Mastiff</td><td>36.287 C</td><td>CERENIA INJECTABLE - 3.6,N/A,N/A</td><td></td></b<>	Vomiting,Death by	Not	27DEC2016: A technician reported a possible adverse reaction with Vanguard CIV, Simplicef, Cerenia	Mastiff	36.287 C	CERENIA INJECTABLE - 3.6,N/A,N/A	
		States		,	(*)	,	1 ,,,	1 1 1	1 72			euthanasia,Palpable mass NOS	Known	Injectable and Cerenia 160 mg Tablets in an older canine considered to be in fair prior health with no			10,3.6 ml 1 Animal (23/12/2016-	
		1			I		1		1 1		BR> <	, . ,	1	prior reactions. It is unknown if the dog had been administered these products in the past. Despite			23/12/2016) CERENIA	l
					l		1		1 1		R> Not			request, the reporter could not provide any lot numbers for Simplicef, Cerenia Injectable or the Cerenia			TABLETS - 80,N/A,1 Days,3,80 mg 1	
					l		1				nown, <br< td=""><td></td><td>1</td><td>Tablets because they were not recorded in the patient's medical record. The event is characterized as</td><td></td><td></td><td>Day(s) 1 Animal (24/12/2016-</td><td>l</td></br<>		1	Tablets because they were not recorded in the patient's medical record. The event is characterized as			Day(s) 1 Animal (24/12/2016-	l
1 1		1			I		1	1 1 1	1 1		 		1	vomiting, which developed 2 days after administration of Vanguard CIV and a Merck Nobivac			24/12/2016) Duoxo	
					l		1		1 1	No	lot			Leptospirosis vaccine, and 2 days after initiation of Simplicef and use of topical Duoxo chlorhexidine		c	thlorhexidine Wipes - N/A,N/A,N/A	
					l		I				nown, <br< td=""><td></td><td>1</td><td>wipes. That day, the dog was administered an injection of Cerenia and then dispensed Cerenia tablets</td><td></td><td>1,</td><td>N/A,Unknown 1 Animal</td><td>l</td></br<>		1	wipes. That day, the dog was administered an injection of Cerenia and then dispensed Cerenia tablets		1,	N/A,Unknown 1 Animal	l
										><	 			to go home, for treatment of vomiting. The day after the Cerenia injection (same day as dog's first		(2	21/12/2016-N/A) Nobivac	
										Ye	es, <b< td=""><td></td><td></td><td>dose of oral Cerenia), the dog continued to decline and was taken to a different veterinary hospital.</td><td></td><td>L</td><td>.epto 4 ISP - N/A,N/A,N/A</td><td></td></b<>			dose of oral Cerenia), the dog continued to decline and was taken to a different veterinary hospital.		L	.epto 4 ISP - N/A,N/A,N/A	
										R>	> Yes			The dog was diagnosed with an unspecified tumor and was euthanized. The reporter could not provide		1,	N/A,Unknown 1 Animal	
														any additional information as her hospital had not seen the dog back since they administered the		(2	21/12/2016-	
														Cerenia. If additional information is received it will be reported. 14Feb2017: Follow-up information on		2	21/12/2016) SIMPLICEF -	
														this case was sought from the clinic, but none was provided. Case closed [Reason for use for product:		3	800,N/A,1 Days,3,300 mg 1 Day(s) 1	
														Generic: CANINE INFLUENZA VIRUS H3N8, KV Brand: VANGUARD CIV Reason: Immunoprophylaxis		Α	Animal (21/12/2016-	
														Generic: CEFPODOXIME PROXETIL Brand: SIMPLICEF Reason: Skin Infections Generic: MAROPITANT		N	N/A) VANGUARD CIV -	
														CITRATE Brand: CERENIA INJECTABLE Reason: Vomiting/ Gastrointestinal disorders Generic:			I,N/A,N/A ,24,1 Dose 1 Animal	
														MAROPITANT CITRATE Brand: CERENIA TABLETS Reason: Vomiting/ Gastrointestinal disorders			21/12/2016-21/12/2016) 	
														MAROPITANT CITRATE Brand: CERENIA TABLETS Reason: Vomiting/ Gastrointestinal disorders Generic: Canine Vac Reason for use truncated. [State of health: Fair]			21/12/2016-21/12/2016) 	
														Generic: Canine Vac Reason for use truncated. [State of health: Fair]		(:	, , , , , ,	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123	United	Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	/02/2015 No	lot	Lymphopenia, Neutrophilia, Heart	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested		(:	Fish Oil - N/A,N/A,N/A ,24,Unknown	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123	United States	Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn	lot nown, <br< td=""><td>murmur,Adrenal gland disorder</td><td>Other</td><td>Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptospirosis on 18 Mar 2015 after receiving the Nobivac Lepto 4 on 16 Sep 2014. The dog</td><td>Labrador Retriever</td><td>28.39 F</td><td>Fish Oil - N/A,N/A,N/A ,24,Unknown Jnknown 1 Animal (25 Day(s)</td><td></td></br<>	murmur,Adrenal gland disorder	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptospirosis on 18 Mar 2015 after receiving the Nobivac Lepto 4 on 16 Sep 2014. The dog	Labrador Retriever	28.39 F	Fish Oil - N/A,N/A,N/A ,24,Unknown Jnknown 1 Animal (25 Day(s)	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn		murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptospirosis on 18 Mar 2015 after receiving the Nobivac Lepto 4 on 16 Spp 2014. The dog also received this vection on 13 Sp 2013, 18 Spp 2012, and 15 Spp 2011 [State Jabel Use-Booster not		28.39 F	Fish Oil - N/A,N/A,N/A ,24,Unknown Jnknown 1 Animal (25 Day(s) 01/02/2015-	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn ≻<	 	murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: on 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptoporiso in 18 Mar 2015, after receiving the Mobivac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gowen). On 26 Feb 2015, the owner reported that the dog hadnot been hersel for ever's (Veda'z Ocie.		28.39 F U 0 2	Fish Oil - N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) J1/02/2015- 66/02/2015) -BR> Glucosamine -	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn ≻< No Kn	 > > lot nown, >BR	murmur, Adrenal gland disorder NOS, Polydipsia, Drinking a lot, Polyuria, Urinary incontinence, Death by	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptospriosis on 18 Mar 2015 after receiving the Nobivac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 15 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Extra table Use-Booster not given]. On 26 Feb 2013, the owner reported that the dog hadn't been herself for weeks (Vedia Code: Behavioral Bloorder, was having virtums caccidents, prapporpriate defeation and drinking more than 10.		28.39 F U 0 2	Fish Oil - N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) 11/02/2015- 8/02/2015) Glucosamine - 4/A,N/A,N/A, 24,Unknown	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn	 lot nown, <br </br 	murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Appetite loss,Lethargy	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptosprosis on 18 Mar 2015 after receiving the Mobiac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not given). On 25 Feb 2015, the owner reported that the dog labal to be hearter for exel's (Ved'az Ocie Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated views of Glucosamies and Fairb (Ultivanov doss). The owner		28.39 F U 0 2 N	Fish Oil - N/A,N/A,N/A,24,Unknown Inknown 1 Animal (25 Day(s) 11/02/2015- 6/02/2015-BR> Glucosamine - N/A,N/A,N/A,24,Unknown Inknown 1 Animal (25 Day(s)	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, <b< td=""><td>murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system</td><td>Other</td><td>Generic: Canine Vac Reason for use truncated. (State of health: Fair) Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Legiology side on 18 Mar 2015, after receiving the Nobivac Legiot 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 (Extra Label Use-Booster not given). Da 26 Feb 2015, the owner reported that the dog hadn't been breaff for weeks (Verlar Code: Behavioral Disorder, was having urinary accidents, mappropriate defeation and dirinking more than normal. The dog was receiving elevated levels of Glocussamine and Faith Oil Unknown dose). The owner then scaled back those medications on an unknown date. On 55 Mar 2015, Incursit habels 1 mg once a</td><td></td><td>28.39 F U 0 2 N U</td><td>Fish Oil - N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) 1/02/2015- 16/02/2015; SRR> Glucosamine - V/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) 11/02/2015-</td><td></td></b<></br 	murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system	Other	Generic: Canine Vac Reason for use truncated. (State of health: Fair) Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Legiology side on 18 Mar 2015, after receiving the Nobivac Legiot 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 (Extra Label Use-Booster not given). Da 26 Feb 2015, the owner reported that the dog hadn't been breaff for weeks (Verlar Code: Behavioral Disorder, was having urinary accidents, mappropriate defeation and dirinking more than normal. The dog was receiving elevated levels of Glocussamine and Faith Oil Unknown dose). The owner then scaled back those medications on an unknown date. On 55 Mar 2015, Incursit habels 1 mg once a		28.39 F U 0 2 N U	Fish Oil - N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) 1/02/2015- 16/02/2015; SRR> Glucosamine - V/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Day(s) 11/02/2015-	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br </br 	murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria, Livriany incontinence,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system depression in 'Neurological'),Lack	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptosprosis on 18 Mar 2015 after receiving the Mobiac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not given). On 25 Feb 2015, the owner reported that the dog hadro the enherisel for week! (Vedia Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evies of Glucosamien and Fairb (Il Ulthomor doss). The owner then scaled back those medications on an unknown date. On 05 Mar 2015, Incurin Tables 1 mg once a day was dispensed fittar Label Use "Termenter Program not respected, uso Voage). On 13 Mar 2015.		28.39 F U 0 2 2 N U 0 2 2	Fish Oil - N/A,N/A,N/A,24,Unknown Joknown I Animal (25 Day(s) 1)(0/2/015- 16/02/2015)-ERS-GBR-Glucosamine - 4/A,N/A,N/A,2 /4 Unknown Joknown I Animal (25 Day(s) 1)(0/2/015- 6/02/2015)-ERS-CBR-INCURIN	
NOBIVAC L4	USA-MERCKNSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, <b< td=""><td>murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system</td><td>Other</td><td>Genetic Canine Vac Reason for use truncated. (State of health: Fair) Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptoporiso in 18 Mar 2015, after receiving the Nobivac Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 15 Sep 2012, and 15 Sep 2011 (Ertor Label Use-Booster not gloven). On 26 Feb 2015, the owner reported that the dog hadn't been herself for weeks (Vedra Code: Behavioral Disorder), was having uriany accidents, happropriate defectation and drinking more than normal. The dog was receiving elevated levels of Glacosamine and Faih Oil (Unknown dose). The owner then scaled back those medications on an unknown date. On 5Mar 2015, Incursh Tables 1 mg once a day was dispensed [Extra Label Use-Treatment Program not respected, Low Dosage). On 13 Mar 2015, the dog presented for decreased apporting, sown movement, moderate dehydration, teshary, weight leading the complex of the com</td><td></td><td>28.39 F U U 0 0 2 N U 0 0 2 1 1</td><td>Fish Oil - N/A.N/A.NA. 24,Unknown Jnknown I Animal (25 Day(s) 1/102/2015- 16/02/2015)-GBS-CBR-Glucosamine - (/A.N/A.N/A. 24,Unknown Jnknown I Animal (25 Day(s) 1/102/2015- 16/02/2015)-GBS-CBR-INCURIN IMG 1320TAB 20 - 1,N/A.N/A</td><td></td></b<></br 	murmur,Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Appetite loss,Lethargy (see also Central nervous system	Other	Genetic Canine Vac Reason for use truncated. (State of health: Fair) Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptoporiso in 18 Mar 2015, after receiving the Nobivac Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 15 Sep 2012, and 15 Sep 2011 (Ertor Label Use-Booster not gloven). On 26 Feb 2015, the owner reported that the dog hadn't been herself for weeks (Vedra Code: Behavioral Disorder), was having uriany accidents, happropriate defectation and drinking more than normal. The dog was receiving elevated levels of Glacosamine and Faih Oil (Unknown dose). The owner then scaled back those medications on an unknown date. On 5Mar 2015, Incursh Tables 1 mg once a day was dispensed [Extra Label Use-Treatment Program not respected, Low Dosage). On 13 Mar 2015, the dog presented for decreased apporting, sown movement, moderate dehydration, teshary, weight leading the complex of the com		28.39 F U U 0 0 2 N U 0 0 2 1 1	Fish Oil - N/A.N/A.NA. 24,Unknown Jnknown I Animal (25 Day(s) 1/102/2015- 16/02/2015)-GBS-CBR-Glucosamine - (/A.N/A.N/A. 24,Unknown Jnknown I Animal (25 Day(s) 1/102/2015- 16/02/2015)-GBS-CBR-INCURIN IMG 1320TAB 20 - 1,N/A.N/A	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	murmur Adrenal gland disorder NOS, Polydipsia, Drinking a lot, Polyuria, Urinary incontinence, Death by euthanasia, Appetite loss, Lethargy (see also Central nervous system depression in "Neurological"), Lack of efficacy, Weight loss, Abnormal movement	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptosprosis on 18 Mar 2015 after receiving the Mobiac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gowen). On 25 Feb 2015, the owner reported that the dog hadro the ben hersel for eversel (Yedra Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated elevals of Glucosamien and Fairb Oil (Unknown dose). The owner then scaled back those medications on an unknown date. On 05 Mar 2015, Incurin Tablets 1 mg once a day was dispensed fixtra label Use - Tremement Program on ter-spected, Low Osago). On 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, lethangy, weight loss, polylapias and polyrus Bloodwork on 26 Feb 2015 showed AP 18 12 U/ [C2-150], Neutrophils		28.39 F U 0 0 2 N U 0 0 2 1 D D D D D D D D D D D D D D D D D D	Fish Oil - N/A,N/A,N/A,24,Unknown Joknown I Animal (25 Day(s) 1)(0/2/015- 16/02/2015)-ERS-GBR-Glucosamine - 4/A,N/A,N/A,2 /4 Unknown Joknown I Animal (25 Day(s) 1)(0/2/015- 6/02/2015)-ERS-CBR-INCURIN	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	murmur_Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Poptite loss,Lethargy (see also Central nervous system depression in 'Neurological'),Lack of efficacy,Weight loss,Ahonormal movement NOS,Dehydration,Ahonormal test	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptospirosis on 18 Mar 2015. after receiving the Nobiwa: Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013. 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gene). 10 Ze Fe 2015, the owner reported that the dog had the bene heart for week! (Vedia 2 Code Selektword Disorder), was laving unionly accidents, inappropriate deflecation and dirinting more than the market of the selection of the select		28.39 F U 0 0 2 2 N U 0 0 2 1 E E E E E E E E E E E E E E E E E E	Fish OSI - N/A,N/A,N/A, 24,Unknown rinknown 1 Anrimal (25 Day(s) 1/02/2015 - 18/0	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	murmur, Adrenal gland disorder NOS, Pohydipisa, Drinking a lot, Pohyuria, Urinary incontinence, Death by euthanasia, Appetitie loss, Lethargy (see also Central nervous system depression in Neurological'), Lack of efficacy, Weight loss, Abnormal movement NOS, Dehydration, Abnormal test results, Swollen lymph	Other	Generic: Canine Vac. – Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobivac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gene). On 26 Feb 2015, the owner reported that the dog hadron the each reside review [Vedra Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evels of Glucosamien and Fairb Oil (Unknown dose). The owner then scaled back those medications on an unknown date. On 65 Mar 2015, Incurin Tablets 1 mg once a day was dispensed fittar label Use -Tremement Program on the reperted, Low Dosago, On 31 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, lethargy, weelght loss, polylogisis and polyrus. Bloodwork on 36 Feb 2015 Showded MP 18 12 U/ [12 -150], Neutrophils 173; Linch (19 - 150), Neutrophils 17		28.39 F U 0 0 2 2 N U 0 0 2 1 E E E E E E E E E E E E E E E E E E	lish Oll - N/A,N/A,N/A, 24, Unknown Jaknown 1 Animal (25 Dayls) 17,002/2015- 18,002/2015-18R>-GR-Glucosamine- /VA,N/A/A, 24, Unknown Jaknown 1 Animal (25 Dayls) 17,002/2015- 18,002/2015-18R>-INCURIN MG 130178 240 - 1,1/A,N/A Jay,3,1 mg Once 1 Dayls) (8 Dayls) 5,003/2015-	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	murmur_Adrenal gland disorder NOS,Polydipsia,Drinking a lot,Polyuria,Urinary incontinence,Death by euthanasia,Poptite loss,Lethargy (see also Central nervous system depression in 'Neurological'),Lack of efficacy,Weight loss,Ahonormal movement NOS,Dehydration,Ahonormal test	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptospirosis on 18 Mar 2015. after receiving the Nobiwa: Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013. 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gene). 10 Ze Fe 2015, the owner reported that the dog had the bene heart for week! (Vedia 2 Code Selektword Disorder), was laving unionly accidents, inappropriate deflecation and dirinting more than the market of the selection of the select		28.39 F U O O C 2 N U U O O C 2 1 1 C O O C 1 L U U C O C C C O C C C C C C C C C C C C	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 (66/02/015)-6889-68R-Giucosamine- yl/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 (66/02/015)-6889-68R-INCURIN IMG 13/07/08 240 - 1,N/A,N/A 39y,3,1 mg One 1 Dayls) (8 Dayls) 15/03/2015- 13/03/2015/6889-68R-NOBINAC	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	mumur, Adrenal gland disorder NOS, Polydignia, Drinking a lot, Polyuria, Urinary incontinence, Death by euthanasia, Appettle loss, Lethargy (see also Central nervous system depression in Neurological'i, Lack of efficacy, Weight loss, Abnormal movement NOS, Dehydration, Abnormal test result, Swollen lymph mode, Hypoal Buminaemia, Blood in node, Hypoal Buminaemia, Blood in	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptospirosis on 18 Mar 2015. after receiving the hobiwa: Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013. 18 Sep 2012, and 16 Sep 2011 [Extra table Use-Booster not gene). To 26 Feb 2015, the owner reported that the dog hand the senheration freels (Vedra Code Selekwors) Boorder, was having unionly accidents, inappropriate deflection and dirinting more than then scaled back these medications on an uninvolve date. On 05 Mar 2015, Incurs Tables 1: ring once day was dispensed [Extra table Use-Treatment Program not respected. Low Dosape). On 13 Mar 2015, the dog presented for decreased apporting, Journ Houseney. 2012 is showed AIP 182 U/I (20-150). Neutrophils 12:7/6 (1-21). [Unimphoretes 7-5/6/12-0] and Monoroyter 3-7/6 (1-2). [Unimphoretes 7-5/6/12-0]. Neutrophils 37-8/6. showed WRC 17-9/6/[6-17], Neutrophils 37-8/6 (1-23-0). Neutrophils 37-8/6 (6-27-7). RGC 3-23/16-5-5-6). Neutrophils 57-8/6/16-17/10 (10-5-15). Bits 197 (8/12-5). In 97/6/10 (10-5-15). Bits 197 (8/12-5).		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil - N/A/N/A/N/A 24, Unknown Inkinown 1 Animal (25 Dayls) 17/07/2015 - 17/0	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	mumur, Adrenal gland disorder NOS, Pohydipsi, Drinking a tot, Pohyaris, Urinary incontinence, Death by euthanasia, Appetite loss, Lethargy (see also Central nervous system depression in Neurological'), Lack of efficacy, Weight loss, Abnormal movement NOS, Dehydration, Abnormal test result, Swollen lymph node, Hypoalbuminaemia, Blood in urine, Proteinuria, Decreased urine	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested positive for Leptosprosis on 18 Mar 2015 after receiving the Mobiac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gowen). On 26 Feb 2015, the owner reported that the dog ladnot been hersel for eversel; Vedra's Code- Behavioral Discorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evels of Glucosamien and Fairb Oll (Unknown doss). The owner then scaled back those medications on an unknown date. On 05 Mar 2015, Incurin Tablets 1 mg once a day was dispensed fistra label Use - Tremement Program not respected, us Ow Deagle. On 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, lethargy, weelgit loss, polylepiss and polyruis. Bloodwork on 3 feb 2015 is Noved AP 1812 U/ [12-150]. Neutrophils 73: 87. 12-75/ [12-1], lymphocytes 7.4% (12-30) and Monocytes 7.3% [2-4]. Bloodwork on 13 Mar 2015 stowed WMC 17 Splic [17]. Neutrophils 17.5% 17.6/1-21], Unpropocytes 7.4% (12-30) and Monocytes 7.3% [2-4]. Bloodwork on 13 Mar 2015 stowed WMC 17 Splic [17]. Neutrophils 17.5% 15.7% [13-12], Unpropocytes 5.5% (12-30), Neutrophils 87.3% (12-35). Splic 15.5% 15.5% (12-34). Marylysis on 13 Mar 2015 showed a mid amount of blood (2) in 10 Certainine 2.6 mg/disc) 5.50 weed a mid amount of blood (2) in 10 Certainine 2.6 mg/disc) 5.50 weed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of blood (2) in 10 Marsh 2015 showed 3 mid 13 mount of		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	mumur, Adrenal gland disorder NOS-Pohlighas Jorinking a 101, Polyuria. Juriany 101, Polyuriany 101,	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Mobiac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gowen). On 26 Feb 2015, the owner reported that the dog hadron the enhersel for versel: (Vedra Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evels of Glucosamien and Frab IOI (Unknown does). The owner then scaled back those medications on an unknown date. On 65 Mar 2015, Incurin Tablets 1 mg once a day was dispensed (Estra Label Use -Tremement Program not respected, uso Voage). On 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, Lethargy, weight loss, polydipsia and polyruis. Bloodwork on 3 Feb 2015 is Noved AP 1812 U/ (12 -150). Neutrophils 178: 378. (24-7). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (14-1). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-8). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-8). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-7). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-7). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-7). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378. (24-7). Bloodwork on 13 Mar 2015 strowed WRO 17 Sigh(F-11), Neutrophils 178: 378.		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	 lot nown, <br lo, No > No</br 	mumur, Adrenal gland disorder NOS Pohydipsi, Drinking a tot Pohyari, Urinary incontinence, Death by euthanasia, Appetite loss, Lethargy (see also Central nervous system depression in Neurologiari), Lack of efficacy, Weight loss, Abnormal movement NOS, Dehydration, Abnormal test result, Swollen lymph node, Hypoalbuminaemia, Blood in urine, Proteinuria, Decreased urine concentration, Elevated BUN, Elevated creatinine, Abnormal	Other	Generic: Canine Vac Reason for use truncated. [State of health: Fair] Singected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptospirosis on 18 Mar 2015, after receiving the Nobiwa: Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gleve). On 26 Fe 2015, the owner reported that the dog had had been benefer for week! (Vedia Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated levels of Glacosamier and Frain (Oli (Inhormo doss). The owner thers scaled back those medications on an unknown date. On 15 Mar 2015, incurs in Tables 1 mg once a between the control of th		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC 1.4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mumura Adrenal gland disorder NOS-Polygiasia, DANS-Polygiasia, DANS-Polygiasiasia, DANS-Polygiasia, DANS-Po	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suppected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobiwa Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Extra Label Use-Booxler not gene). On 26 Fe 2015, the owner reported that the dog had the been herrel for week! (Vedia 2 Code Behavioral Disorder), was having urinary accidents, inappropriate defection and drinking more than normal. The dog was receiving elevated levels of Giucozamien and Fair Dill (Inhomot does). The owner then scaled back those medications on an unknown date. On 55 Mar 2015, incurin Tablets 1 mg once a day was depensed fitter a Label Use "Terathment Program not respected, Lum Deaged, On 13 Mar 2015, the dog presented for decreased appetite, slow moment, moderate dehydration, tethnary, weight loss, polylepias and polyuria. Bloodword on a fire 2013 is lowed and 27 JEZ (V) [20 75]. Neutrophils s 7 Sep 10 (5-78), Res C. 25 VI, 15 Sep 3, Jahumira 2 (40 (2 Sep 4, Mar 17 VI) (70 -55) (8). Neutrophils s 7 Sep 10 (5-78), Res C. 25 VI, 15 Sep 3, Jahumira 2 (40 (2 Sep 4, Mar 17 VI) (70 -55) (8). Neutrophils s 7 Sep 10 (5-78), Res C. 25 VI, 15 Sep 3, Jahumira 2 (40 (2 Sep 4, Mar 17 VI) (70 -55) (8). Neutrophils s 7 Sep 10 (3 Sep 4), VII (7 Sep 4), VII		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mummur Adrenal gland disorder NOS-Polyglasia, Divisioning a 105-Polygrasia, Drisany incontinence, Death by euthanasis Appetite loss, Lethargy level also Certal Forenous system depression in Neurological (Lack of Efficacy, Weigh (Isos, Albormal Inst. result, Swollen lymph code, hypoal burniamseria, Biood in urbary-Proteinsian, Deceraced und urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, December urbary-Proteinsian, December urbary	Other	Genetic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptoniso on 18 Mar 2015 after receiving the Mobius Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gone). On 26 Feb 2015, the owner reported that the dog hadron the benchers (if or week) (Veda's Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evels of Glucosamien and Friab IOI (Unknown dose). The owner then scaled back those medications on an unknown date. On 65 Mar 2015, Incurin Tablets 1 mg once a day was dispensed (Estra Label Use -Termether Torgram on terpected, Low Dosago). On 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, Lethargy, weight loss, polylepisa and polyrus. Bloodwork on 36 Feb 2015 Showed AP 1812 U/[10:215]). Neutrophils 78:36 (2-78). ReSC 5.327 (5-5.5.5). Abbumin 2.4 g/d (2-5.4.4). AP 171 U/(10:215). BN 18 mg/d (7-25). Creatinies 2.5 mg/dis (0-3-14). Urinary analysis on 13 Mar 2015 showed a mid amount of blood (2+) in the urine and Specific Gravity. 1.011 (1.015-1.050). The Urine Protein/Creatinie ex Smg/discount of 10:00 and 10:00 an		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mumura Adrenal gland disorder NOS-Polygiasia, DANS-Polygiasia, DANS-Polygiasiasia, DANS-Polygiasia, DANS-Po	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suppected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobiwa Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 15 Sep 2016 [Listra Label Use-Booxler not gone). On 26 Feb 2015, the owner reported that the dog had the benehred for week! (Vedia 2 Code Behavioral Disorder), was having urinary accidents, mappropriate defectation and drinking more than normal. The dog was receiving elevated levels of Glacosamies and Fair Dill (Unknown does). The owner then scaled back those medications on an unknown date. On 50 Mar 2015, incurin Tabeles 1 mg once a day was depensed fifter tabels Use - Teratment Program not repected, Low Dosago in 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, tethnagy, weight (12-7); (12-12), tymphocytes 7.4% (12-3) and Marchyster 3.7% (2-4). Biochdwork on 13 Mar 2015. (25.47); (12-5);		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mummur Adrenal gland disorder NOS-Polyglasia, Divisioning a 105-Polygrasia, Drisany incontinence, Death by euthanasis Appetite loss, Lethargy level also Certal Forenous system depression in Neurological (Lack of Efficacy, Weigh (Isos, Albormal Inst. result, Swollen lymph code, hypoal burniamseria, Biood in urbary-Proteinsian, Deceraced und urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, December urbary-Proteinsian, December urbary	Other	Genetic Canine Vac Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptoniso on 18 Mar 2015 after receiving the Mobius Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 18 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Estra Label Use-Booster not gone). On 26 Feb 2015, the owner reported that the dog hadron the benchers (if or week) (Veda's Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated evels of Glucosamien and Friab IOI (Unknown dose). The owner then scaled back those medications on an unknown date. On 65 Mar 2015, Incurin Tablets 1 mg once a day was dispensed (Estra Label Use -Termether Torgram on terpected, Low Dosago). On 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, Lethargy, weight loss, polylepisa and polyrus. Bloodwork on 36 Feb 2015 Showed AP 1812 U/[10:215]). Neutrophils 78:36 (2-78). ReSC 5.327 (5-5.5.5). Abbumin 2.4 g/d (2-5.4.4). AP 171 U/(10:215). BN 18 mg/d (7-25). Creatinies 2.5 mg/dis (0-3-14). Urinary analysis on 13 Mar 2015 showed a mid amount of blood (2+) in the urine and Specific Gravity. 1.011 (1.015-1.050). The Urine Protein/Creatinie ex Smg/discount of 10:00 and 10:00 an		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mummur Adrenal gland disorder NOS-Polyglasia, Divisioning a 105-Polygrasia, Drisany incontinence, Death by euthanasis Appetite loss, Lethargy level also Certal Forenous system depression in Neurological (Lack of Efficacy, Weigh (Isos, Albormal Inst. result, Swollen lymph code, hypoal burniamseria, Biood in urbary-Proteinsian, Deceraced und urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, December urbary-Proteinsian, December urbary	Other	Generic Canine Vac Reason for use truncated. [State of health: Fair] Suppected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobiwa Lepto 4 on 15 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 15 Sep 2016 [Listra Label Use-Booxler not gone). On 26 Feb 2015, the owner reported that the dog had the benehred for week! (Vedia 2 Code Behavioral Disorder), was having urinary accidents, mappropriate defectation and drinking more than normal. The dog was receiving elevated levels of Glacosamien and Fair Dill (Unknown does). The owner then scaled back those medications on an unknown date. On 50 Mar 2015, incurin Tablets 1 mg once a day was depensed fifter a Label Use "Terratment Program not repected, Low Dosago", on 13 Mar 2015, the dog presented for decreased appetite, slow movement, moderate dehydration, tethnary, weight (13.73); (13.24). The complex of th		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
NOBIVAC L4	USA-MERCKMSD-2015-US-02123		Animal	Canine/dog	13 Year(s)	16/09/2014	01/04/2015	1 1	1 01,	Kn × No Kn × No	<pre> BR>BR>BR> lot nown, BR BR>BR BR>BR>BR>BR> BR>BR>No No BR>BR> No BR>BR>No</pre>	mummur Adrenal gland disorder NOS-Polyglasia, Divisioning a 105-Polygrasia, Drisany incontinence, Death by euthanasis Appetite loss, Lethargy level also Certal Forenous system depression in Neurological (Lack of Efficacy, Weigh (Isos, Albormal Inst. result, Swollen lymph code, hypoal burniamseria, Biood in urbary-Proteinsian, Deceraced und urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, Deceraced urbary-Proteinsian, December urbary-Proteinsian, December urbary	Other	Generic Canine Vac. Reason for use truncated. [State of health: Fair] Suspected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobiwa Lepto 4 on 15 Sep 2014. The dog also received the vaccine on 13 Sep 2013, 18 Sep 2012, and 16 Sep 2011 [Extra table Use-Booster not govern). On 26 Feb 2015, the owner reported that the dog hand these hearteff or weeks! (Veda's Code- tested of the Code		28.39 F U U 0 0 2 2 1 1 C C 0 1 L Y	Fish Oil – N/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 11/02/2015 16/02/2015-18/08/08-VaR-Silucosamine -1/A,N/A,N/A, 24,Unknown Jnknown 1 Animal (25 Dayls) 11/02/2015 16/02/2015-18/08-VaR-NICURIN IMG 13/03/16/2015 16/02/2015-18/04/08 16/02/2015-18	
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		States						1 1		/05/2013 No R> Kn >> > > No R> Kn No R>	48R~48R>48R 100m4,6R~48R 48R-48R-58R 10,-68R>68R> 58R>68R> 10,-68R>68R> 10,-68R>68R> 10,-	mummu Adrenal gland disorder NOS-Polygias Jack N		Genetic Canine Wac. Reason for use truncated. [State of health: Fair] Sappected Lack of Expected Efficacy: On 18 Mar 2015, a veterinarian reported that a dog tested possible for Leptosprosis on 18 Mar 2015 after receiving the Nobiwac Lepto 4 on 16 Sep 2014. The dog also received this vaccine on 13 Sep 2013, 18 Sep 2012, and 15 Sep 2016 [Estra Label Use-Booster not given). On 26 Fe 2015, the owner reported that the dog had the benehred for week! (Vedia Code- Behavioral Disorder), was having urinary accidents, inappropriate defectation and drinking more than normal. The dog was receiving elevated levels of Gilacoamiam and Fair Dil (Unknown dose). The owner then scaled back those medications on an unknown date. On 65 Mar 2015, incurin Tablets 1 mg once a day was depressed fortar Label User-Terratment Program on tre-spected, 10v0 Deagle, 0n 13 Mar 2015, the dog presented for decreased appetite, 36w momenter. Morelate dehydration, technargy, weight day was depressed for the scales appetite, 36w momenter. Morelate dehydration, technargy, weight day was depressed for 10x 15 Mar 2015. The 10x	Retriever	28.39 F U O O O O O O O O O O O O O O O O O O	Fish Oil - N/A,N/A,N/A, 24, Unknown Inknown I Animal (25 Day(s) 17/02/2015- 18	
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	MERCKMSD-2015-US-09065	United	Animal	Canine/dog	8 Year(s)	29/05/2015	13/08/2015	1	. 0	25/06/2015	Not Known,-BR>-dR> >-BR>-dR> Yes	Thrombocytopenia-Hepatic chrinosia-Jandes Poyldpisia-Jhyo magnesaemic condition, Poyluris-Cystiis, Anoresia Weight Ioss, Ahonomal test result, Loss of small-Hypoalbuminaemia, Alkaline urine, Proteinuria, Decreased urine concentration, Fluid in abdomen NOS, Small Bev, Urinary tract infection, Cystalluria, Elevated AST, Elevated that Jaliuria, Elevated SAP, Uterine disorder NOS, Billubruini; Elevated gamma-glutamy! transferase (GGT), Elevated cholesterol (total)	No Data	Superied Adverse Reactions: On 29 Jul 2015, a veterioristic acided to report a possible adverse reaction in an 8 year old, femile Labrador Retriever. The day received historical D000 grow 47 and up to 88 bid jon approximately 24 July 2015 (without if glow with food). On the same day, the owner hegan transitioning the dief from a chicken-based to a salmon-based food. Other relevant instory includes the dog was just coming out of a heat cycle and is fed chicken privy strip treats. After receiving a reverse, the dog became anonesis within one 69.1. The owner tried the dol det and the dog would still not eating well and was boarded at a kennel for 21 days. The dog was picked up from the kennel not 21 ut 2015 and the owner noted weight loss. The vet was contacted by the owner on 27 Jul 2015 regarding weight loss, loss of smell, not eating well, polyuria and polydipsion. On 28 Jul 2015, the object several cold in the control of	Retriever	: : : : : : : : : : : : : : : : : : : :	BRAVECTO 1000MG INTIRA 240 1,1N/AN/A,2A,1 Tablets Once 1 Animal (2/10/5/2015- 240/5/2015-88TV)BRAVECTO 100/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/2015-1270/5/2015- 1270/5/	
	MERCKWASD-2016-US-01408	United	Animal			05/01/2016		1 1	1		R.>GR.>GR.YES, GR.>GR.YES, GR.>GR.YES, GR.>GR.YES, GR.YES, GR.		No Data	neutered Doberman Pincher weighing 102 pounds developed pancreatitis and diabetes after vaccination. The dog was succinated not hold poss a world pance and 5 and 2018 with Noblack Lepto and Noblack Intra-Tra-S. A chemistry panel run this day revealed a pre-existing mild hyperglycemia. The dog also has a pre-existing history of hypothysidian treated with thymotion, arthrists retend with Vetprofers in may granulomas on the body, cellulitis in limbs previously and a resistant MRSA infection. On 15 an 2016, the dog was vaccinated with Noblack-Canner flu HASB and canine influence HASD. On 0.1 Feb. 2016, the dog presented to the vet with a two week history of polyruir and polydipisa. The owner had noted blood in the dog's drinking water (coded as oral bleeding). The vet die not not believing on exam. A complete blood count was normal. A chemistry panel revealed hyperglycemia of 600 Junts and normals more provided. A Gaze CH, clambe parceastel tags lets was abnormal and unlarghs resealed gluccusian counts of the provided of the common and the complete of the common and unlarghs resealed gluccusian units once daily for two days, then increased to 24 units twice dails? The dog was responding to the Vetsialin. The dog then presented for cellulatis in multiple limbs an experience and was estimated on Feb. 2016. No necrops was performed. No additional information expected. [Reason for use for product: Generic CANINE ERPTO-4(0RIG 5-9 US) & Brand. NOBINAC LEPTO 4 25XLDS MRK Reason. Vascination Generic: CANINE INFI H3NR XV Brand. NOBINAC LEPTO 4 25XLDS MRK Reason. Vascination Generic: CANINE INFI H3NR XV Brand. NOBINAC EVI H3NR 2XLD 52 AD Reason. Vascination Generic: INSULL Resson for use truncated. [State of health: Fair]			NOBNAC CUV FLU 14382 25XL DS- 1,1/A/NA/1,0.10 mlot applicable 1 Animal 15/01/2016- 15/01/2016-1888-0:8R-NOBNAC CUV 14382 25XLDS 240 - 1.1/A/NA/1,0.1 mlot applicable 1 Animal (15/01/2016- 15/01/2016-1887-0:8R-NOBNAC INTRA-TRAC 3.25XL DS - 5,3/A/N/1 A.0.5 ml Not applicable 1 Animal (05/01/2016- 05/01/2016-	
	MERCKNASO-2016-US-01864	United States	Animal	Canine/dog	3 Year(s)	10/02/2016	29/02/2016	1 3	1 0	12/02/2016	NO, SRX SRX SRX SRX SRX SRX SRX SRX SRX SRX SRX SRX 	Lethurgy (see also Central nervous system depression in "Neurological"), Anorexia, Vomiting, H aemorrhagic gastroenteritis, Bloody diarrhoes	No Data	female spayed 5th Tzu weighing 13 pounds may have had a reaction following seccination and administration of flaverco. The days as vacinated with Noblavc Lepton on 10 Fe 2018 and a dose of Bravetco 112.5 mg (lover 4.4 and up to 9.9 flb)(fibs was the size noted on the patient invoice) (extra-lubel use: underdoot). On 12 Fe 2018 for the owner reported the dog had bloody dimren, yomiting, leithary and ancresia and size was taken to an emergency clinic. The emergency clinic diagnosed the dog with hemoraphy gastroenterist and she was treated with subcuranous fillude, buprinex, maroplan, sucraffate and metronidazole. The owner had declined hospitalization, intraverous fluids and diagnostics. The clinic contacted the owner on 17 Fe 2018 of and the owner reported that the dog was still not doing well, ancresic and wouldn't take her medication. Additional information expected. Follow-up on 27 Fe 2018. The clinic was contacted and states they have not heard from the owner since 37 Feb 2016. The clinic was contacted and states they have not heard from the owner since 27 Feb 2016. Not additional information expected. [Reason for use for product. Generic: CAMHEL LEPTO-2016 S-1913 flat Branch MothorAcc LEPTO 4.2015 MR Reason Wascinston Generic F. UNIALANTIC CHEW TRAILETS Branch BRANKCTO 112,2MG 31X17/8 240 Reason. Flexy Lice control [State of Habits. Good)	Shih Tzu	1	BBAVECTO 112.5MG JX1TAB 240- 1,1\(\lambda\),1\(\lambda\	
NOBIVAC L4 USA-N	MERCKMSD-2016-US-03890	United	Animal	Canine/dog	8 Year(s)	25/03/2016	21/06/2016	1 1	1 0	25/03/2016	R> Yes, < BR> Yes, <b< td=""><td>Vomiting.Corneal disorder NOS,Palephal disorder NOS,Keratoconjunctivitis sicc.Janapetence,Letharg/ (see also Central nervous system depression in Neurological'),Cranial nerve paralysis,Sensation loss</td><td>No Data</td><td></td><td>West Highland White Terrier</td><td></td><td>BRAVECTO 500MG IXITAB 240- \$5,N/NA/P, 240.5 Tablets Not applicable 1 Animal (25/03/2016- \$25/03/2016-887-887-036WAC CANINE 1-0APPV 25X 1.D5 MR C- ANIME 1-0APPV 25X 1.D5 MR C- ANIMAL 25/03/2016- ANIMAL 25/03/2016- LEPTO 4 25X1D5 MRK - 13/N,N/N A) A) (10,101 MR of applicable 1 Animal (25/03/2016- 125/03/2016-180-180-180-180-180-180-180-180-180-180</td><td></td></b<>	Vomiting.Corneal disorder NOS,Palephal disorder NOS,Keratoconjunctivitis sicc.Janapetence,Letharg/ (see also Central nervous system depression in Neurological'),Cranial nerve paralysis,Sensation loss	No Data		West Highland White Terrier		BRAVECTO 500MG IXITAB 240- \$5,N/NA/P, 240.5 Tablets Not applicable 1 Animal (25/03/2016- \$25/03/2016-887-887-036WAC CANINE 1-0APPV 25X 1.D5 MR C- ANIME 1-0APPV 25X 1.D5 MR C- ANIMAL 25/03/2016- ANIMAL 25/03/2016- LEPTO 4 25X1D5 MRK - 13/N,N/N A) A) (10,101 MR of applicable 1 Animal (25/03/2016- 125/03/2016-180-180-180-180-180-180-180-180-180-180	

NOBIVAC L4	USA-MERCXMSD-2016-US-05247	United States	Animal	Canine/dog	10 Month(s)	16/04/2016	22/04/2016	1 1	0 19/04	/2016 Not Known, > Yes, <br R> </br 	R> <b< th=""><th>No Data</th><th>Suspected adverse reaction: On 19 Apr 2016, a veterinarian reported that a dog who was vaccinated on 16 Apr 2016 with Nobinac Lepto 4 and Nobinac Lyme and then dosed 17 Apr 2016 with Brawcto 1000 mg (lower 4 and up to 88 bis) (Indown if with food, then presented 19 Apr 2016 for a seture that occurred that moving lastings in mutes. Bloodwork was pending. Further information expected 22 Apr 2016 For lasting in the properties of the properties</th><th>Siberian Husky</th><th>27.76</th><th>BRAVECTO 1000MG 1XC1AB 240 - 1000,N/A,N/A, 3,1000 mg Not a applicable 1 Animal 1/704/2016- 17/04/2016-018-NOBINIVA EETPOL 2 32015 MR 1,N/A,N/A 1,01 ml Not applicable 1-4 enimal 10/04/2016-018-018-NOBINIVA EETPOL 2 32015 MR 1,N/A,N/A 1,01 ml Not applicable 1-4 enimal 10/04/2016-018-018-NOBINIVA EVME 23X105 - 1,N/A,N/A, 1,01 ml Not applicable 1-4 enimal</th></b<>	No Data	Suspected adverse reaction: On 19 Apr 2016, a veterinarian reported that a dog who was vaccinated on 16 Apr 2016 with Nobinac Lepto 4 and Nobinac Lyme and then dosed 17 Apr 2016 with Brawcto 1000 mg (lower 4 and up to 88 bis) (Indown if with food, then presented 19 Apr 2016 for a seture that occurred that moving lastings in mutes. Bloodwork was pending. Further information expected 22 Apr 2016 For lasting in the properties of the properties	Siberian Husky	27.76	BRAVECTO 1000MG 1XC1AB 240 - 1000,N/A,N/A, 3,1000 mg Not a applicable 1 Animal 1/704/2016- 17/04/2016-018-NOBINIVA EETPOL 2 32015 MR 1,N/A,N/A 1,01 ml Not applicable 1-4 enimal 10/04/2016-018-018-NOBINIVA EETPOL 2 32015 MR 1,N/A,N/A 1,01 ml Not applicable 1-4 enimal 10/04/2016-018-018-NOBINIVA EVME 23X105 - 1,N/A,N/A, 1,01 ml Not applicable 1-4 enimal
NOSIVAC L4	USA-MERCIMISD-2016-US-06592	United States	Animal	Canine/dog	2 Week(s)	05/05/2016	09/05/2016	12 10	10 07/05	/2016 Not Known, 48r-, >48r-48r-47 Nown, 48r-, 48r-48r-48r-48r-48r-48r-48r-48r-48r-48r-	RP necropsy finding Set	No Data	Suspected Adverse Reaction: On 09 May 2016, a vet called to report that a litter of 2-week old nursing puppies died after the mother was dosed with Bravecto 1000 mg (over 44 and up to 88 lbs) and vaccinated with Nobiac 1-Rabes, Nobiace Canine 1-DAPPV, Nobiace Inter-Trick CR, and Nobiace Lepted on 105 May 2016. The pups were devormed with Panacut 10% suspension (setts Tables Lue for Species) and treated with a non-company spary-on flee product on 05 May 2016. The presenting complaint that day was fless, but the pups off not spepar amenic. The pups were not treated with an product so not May 2016 and to spear amenic. The pups were not treated with any products on 106 May 2016 and treated with a contract of the major of the 106 May 2016 and the product was administered with foot. The presenting recomplaint that day 106 ms and 106 May 2016 May 201		0.907	Its/OWA2701E-16/04/701E/SIRP-BR-BR-BR-BR-BR-WECTO JODOMG SIX1AB 240 - N/AA/A/A/A A/A/A/A/A/A/A/A/A/A/A/A/A/A/
NOBIVAC L4	USA-MERCKMSD-2016-US-06664	United States	Animal	Canine/dog	8 Year(s)	05/05/2016	01/06/2016	1 1	0 06/05	Known, 	RR NOS, Stiffness NOS, Walking difficulty BR RP RP -CB es.	No Data	Suspected Adverse Reaction: On 09 May 2016 a technician called to report that an 8 year old, male neutreed Rottweller weelign 90 pounds developed pain after multiple vaccines and Bravetto. On 05 May 2016 the dog was given hydroxynein and carporfen their discin crutinely persons. All of the properties of the propertie	Rottweller r e	40.823	BANKETO 3400 BITAB 240
NOBIVAC LA	USA-MERCKMSD-2016-US-14699	United States	Animal	Canine/dog	4 Year(s)	06/09/2016	12/09/2016	1 1	1 07/05	(2016) Not Nown, GRR- >GRN-GBD- Not Nown, GRR- >GRN-GBD- Not Nown, GRR- >GRN-GBD- Not Nown, GRR- >GRN-GBD- Nown, GRR- SRN-GBD- SRN-GBD- SRN-GBD- Nown, GRR- SRN-GBD- SRN-GBD- SRN-GBD- Nown, GRR- >GRN-GBD- Nown, GRR- Nown, GRR- >GRN-GBD- Nown	R- bălirchin Abormal ultrasound finding Billinbiumi "Acuteami» (MB R k pulse Decreased packed cell R- volume [PcV] Jaemolytic anaemia, Thrombocytopenia, Gall R- bilader R- land R- bilader R- lindfammation, Jetentus, Alpisia, Nystra German, Amuria, Death by lot eurhanasia, Jnappetence, Letharpy Rice abio Centra envous system R- depression in Neurological) Fever "Pallor, Mental RI Impairment NOS.5tomach Neurological") Fever "Pallor, Mental RI Impairment NOS.5tomach R- Secondary (MB R) R- R- R	No Data	Suspected Adverse reaction: On 12 Sep 2016 an office manager contacted the Animal Product Safety Service to report that a 4 year old Shih Tru developed hemolytic anemia following vaccination with Nobbac Lepto A administered on 65 sep 2016. On 07 Sep 2016 the dog was lethninger, inappetant, adapta, and had hemolytic anemia. Previously, on 16 Mag 2016 the dog was lethninger, inappetant, adapta, and had hemolytic anemia. Previously, on 16 Mag 2016 the dog was lethninger, inappetant, adapta, and had hemolytic anemia. Previously, on 16 Mag 2016 the dog was also prescribed Brancet 20 7mt (99 -92 tha) and a non-company heartworm preventative however the date of administration is unknown. On 20 Mag 2016 the dog was non-company heartworm preventative however the date of administration is unknown. On 20 Mag 2016 the dog was treated with an anamocilian and calvadaria cald artibution and predistroberms at the register vet and was them referred on a veterinary medical and predistroberms and imperbilituherma at the register vet and was them referred on a veterinary medical teaching hospital. The dog was lethnarpe, had pale gams, weak pulses, and ictress. The CVV was 15%. The dog was animited and treated for suspected Melkw with V Plukas, streads, gastor protectarist, antibotics, fragmin, and Plaks. The dog pecame more interficial protection and the control of the	Shih Tzu	6.033	BRAVECTO 250MG 1X1TAB 240 - 250M/s ANA, A 3250 mg Not 250M/s ANA, A 3250 mg Not 250M/s ANA, A 3250 mg Not 16/08/2016-16/08/2016-680-280-00 ttansfusion. NA, ANA, ANA, ANA, ANA, ANA, ANA, ANA,

NOBIVAC L4	USA-MERCKMSD-2017-US-08902	United	Animal	Canine/dog	6 Year(s)	24/04/2017	08/09/2017	1 1	1 1	11/05/2017	Yes, <b< td=""><td>Neutrophilia,NT - lymphoma/</td><td>Not</td><td>Suspected Adverse Reaction: On 06 Jun 2017 a pet owner reported via social media that a 6-year-old, Labradon</td><td>43.1</td><td>82 BRAVECTO 1400MG 1X1TAB 240 -</td><td></td></b<>	Neutrophilia,NT - lymphoma/	Not	Suspected Adverse Reaction: On 06 Jun 2017 a pet owner reported via social media that a 6-year-old, Labradon	43.1	82 BRAVECTO 1400MG 1X1TAB 240 -	
		States										lymphadenomegaly,Urinary bladder	Known	Labrador Retriever received Bravecto and then died of liver damage. The veterinarian reported that on Retrieve	r	1400,N/A,N/A ,3,1400 mg Not	
											Known,
 ></br 	disorder NOS, Pulmonary disorder NOS, Death, Anorexia, Abnormal test		24 Apr 2017 the dog was seen for vaccines: Bordetella (SQ) LEPTO4 and stand-alone Parvovirus vaccine		applicable 1 Animal (24/04/2017- 24/04/2017) Lepto 4	
											Not	result.Heart valve		(non-company). Bravecto was also purchased on that day. The dog was obese and had been on a weight loss diet. On 26 Feb 2015 the dog weighed 108 pounds, and the veterinarian noted it was 20 to		vaccine - 1.N/A.N/A .10.1 ml Not	
											Known < RR>< RR	disorder,Pulmonary		40 pounds overweight. On 24 Apr 2017 the dog weighed 93.4 pounds, and the veterinarian noted it had		applicable 1 Animal (24/04/2017-	
												neoplasm.Metastatic		20 more pounds to lose. On 13 May 2017 the dog presented for anorexia that the owner reported		24/04/2017) Parvo virus	
											Not Known	neoplasia, Elevated ALT, Elevated		began on 11 May 2017. He weighed 95.2 pounds, which did not represent a decrease in weight. On		vaccine - 1,N/A,N/A,10,1 ml Not	
												bile acids, Elevated SAP, Abnormal		physical examination on 13 May 2017 the dog seemed normal. Blood work showed mild neutrophilia,		applicable 1 Animal (24/04/2017-	
												radiograph finding,Abnormal		ALP was elevated at 1045 (20-150) and ALT 174 (10-118). These values were normal at last blood work		24/04/2017) Subcutaneou	
												necropsy finding,Renal disorder		in 2013. On 15 May 2017 bile acids were run and we high both pre and postprandial. Pre: 39.2 (<25)		s Bordetella vaccine - 1,N/A,N/A	
												NOS		and Post: 87.6 (<25), indicating abnormal liver function and supportive of hepatobiliary disease.		,10,N/A (24/04/2017-	
														Hepatitis, a hepatic shunt, and neoplasia were the veterinarian's rule outs, and a referral to a specialist was recommended but not obtained. Radiographs were performed on 15 May 2017 and pleural		24/04/2017) 	
														fissures or thickening was found, and a diagnosis of thoracic disease was made. A thoracic ultrasound			
														was recommended but not obtained. No organomegaly was identified but opacities were seen in the			
														kidneys and bladder. The dog did not present for recheck. The owner called on the morning of 06 Jun			
														2017 and reported the dog died at home. A necropsy was performed which identified a 14 x 13 x 4 cm			
														multi lobulated thoracic mass with metastasis to the lung and lymph nodes. Nodules were found on			
														the mitral and tricuspid valves, as well as on the left kidney and lung surface. Histopathology to			
														identify the neoplasia is pending. Further information is expected. Follow up information received on			
														08 Sep 2017: The necropsy found malignant lymphoma with metastasis to the kidney and lymph nodes.			
			1			1								A final diagnostic comment stated that based on the location of the largest mass, a lymphoblastic T-			
1	1	l	1			1]		l	cell lymphoma arising from the thymus is most likely. The areas of calcification in the lung are due to paraneoplastic hypercalcemia of malignancy commonly seen in lymphomas. No further information is			
1			1			1								expected. [Reason for use for product: Generic: FLURALANER CHEW TABLETS Brand: BRAVECTO			
1			1			1]			1400MG 1X1TAB 240 Reason: Flea/ tick control Generic: Brand: Subcutaneous Bordetella vaccine			
1	1	l	1			1]		l	Reason: Vaccination Generic: Brand: Lepto 4 vaccine Reason: Vaccination Generic: Brand: Parvo			
NOBIVAC L4	USA-MERCKMSD-2017-US-13239	United	Animal	Canine/dog	11 Year(s)	30/05/2017	02/10/2017	1 1	1 0	15/06/2017	Not	Diarrhoea,Seizure NOS,Urinary	No Data	Suspected Adverse Reaction: On 02 Aug 2017 a veterinarian (vet) reported that a dog developed Weimara	iner 27.6	69 BRAVECTO 1000MG 1X1TAB 240 -	
1	1	States	1	1	1	1					Known, <br< td=""><td>incontinence,Weight loss,Glazed</td><td>l</td><td>multiple clinical signs after receiving Nobivac Lepto4, Nobivac Intra-Trac3, and Bravecto 1000 mg (over</td><td></td><td>1000,N/A,N/A ,3,1000 mg Not</td><td></td></br<>	incontinence,Weight loss,Glazed	l	multiple clinical signs after receiving Nobivac Lepto4, Nobivac Intra-Trac3, and Bravecto 1000 mg (over		1000,N/A,N/A ,3,1000 mg Not	
1		l	1	1	1	1					> 	eye,Balance impaired,Collapse of		44 up to 88 lb) (unknown if given with food). On 30 May 2017, the vaccines were administered and the	- 1	applicable 1 Animal (30/05/2017-	
1	1	l	1			1					Not	leg,Tremor,Hypoglycaemia,Shaking,	l	Bravecto was dispensed. The date of administration of Bravecto was unknown. It was unknown if any		30/05/2017) Denamarin	
											Known,
 ></br 	Elevated ALT, Elevated SAP		of the products had been previously administered. In mid-June (verbatim), the dog developed diarrhea		N/A,N/A,N/A ,24,Unknown Unknown 1 Animal (12/07/2017-	
											> <rk><rk><rk></rk></rk></rk>			and was dispensed Fortiflora without exam. The diarrhea resolved at an unknown date. On 12 Jul 2017, the dog had an episode which lasted for a few minutes: tremors, shaking, loss of balance, glazed		N/A) Diethylstilbesterol -	
											Known < RR>< RR			look in the eyes. The owner reported this as seizure activity (verbatim). The dog was brought to the		N/A,N/A,N/A,24,Unknown	
											> 			vet and bloodwork revealed alanine transferase (ALT) 128 U/L (N=5-107), and SAP 2260 U/L (N=10-		Unknown 1 Animal (01/01/2016-	
											Not			150). The remaining chemistry and complete blood count were normal. There was no previous lab		N/A) Firocoxib -	
											Known, <br< td=""><td></td><td></td><td>work documented. The dog was treated with Gabapentin, Denamarin, and Firocoxib. On 02 Aug 2017,</td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td></br<>			work documented. The dog was treated with Gabapentin, Denamarin, and Firocoxib. On 02 Aug 2017,		N/A,N/A,N/A ,24,Unknown	
											> 			the dog developed splayed legs and urinary incontinence which lasted for a few minutes. The vet		Unknown 1 Animal (12/07/2017-	
											Not			administered midazolam and Zonisamide. The dog had pre-existing issues with urinary incontinence		N/A) Fortiflora -	
											Known, <br< td=""><td></td><td></td><td>and had been on Diethylstilbestrol since at least 2016 and had periodic episodes occurring over</td><td></td><td>N/A,N/A,N/A ,24,Unknown</td><td></td></br<>			and had been on Diethylstilbestrol since at least 2016 and had periodic episodes occurring over		N/A,N/A,N/A ,24,Unknown	
											> 			multiple years (unknown date of onset) of shaking like it was cold (verbatim). The dog had lost 3.4 lbs		Unknown 1 Animal (15/06/2017-	
											Not Known < BR>< BR			(64.4 lbs Sep 2016, 61 lbs 02 Aug 2017) and the owner reported that the dog had not been eating well for 3 months (pre-existing). Follow up is expected. Follow-up on 02 Oct 2017: Patient information was		N/A) Gabapentin - N/A.N/A.N/A.24.Unknown	
											> 			updated. The vet reported that the dog was examined on 02 Oct 2017: Patient information was		Unknown 1 Animal (12/07/2017-	
											Yes. <b< td=""><td></td><td></td><td>seizure. According to the vet, the dog had seemed controlled (verbatim) on Zonisamide. Blood work</td><td></td><td>N/A) NOBIVAC INTRA-</td><td></td></b<>			seizure. According to the vet, the dog had seemed controlled (verbatim) on Zonisamide. Blood work		N/A) NOBIVAC INTRA-	
											R> Yes			revealed SAP over 2400 U/L, normal ALT, glucose 59 mg/dL (N=70-138). The vet stated that the		TRAC 3 25X 1 DS - 1.N/A.N/A .10.1	
														glucose on 12 Jul 2017, which was not provided at the time of the initial report, was 61 mg/dL. The		ml Not applicable 1 Animal	
														SAP was 1800 U/L on blood work performed approximately 1.5 years prior (approximately 2016). The		(30/05/2017-	
														vet did not know how many seizures the dog had in total. The owner told the vet that he felt that the		30/05/2017) NOBIVAC	
														dog was having spells (verbatim) prior to using Bravecto, but that they were milder. The vet did not		LEPTO 4 25X1DS MRK - 1,N/A,N/A	
1	1	l	1			1]		l	feel that the adverse event was related to the use of the product. No further information is expected.		,10,1 ml Not applicable 1 Animal	
1			1			1]			[Reason for use for product: Generic: FLURALANER CHEW TABLETS Brand: BRAVECTO 1000MG		(30/05/2017-30/05/2017) 	
1		l	1	1	1	1]			1X1TAB 240 Reason: Flea/ tick control Generic: CANINE BB/PI3/ADENO 2 LV/LB Brand: NOBIVAC INTRA-TRAC 3 25X 1 DS Reason: Vaccination Generic: CANINE LEPTO*4(ORIG S-P US) KB Brand:	- 1	ı	
NORIVAC 14	USA-MERCKMSD-2017-US-16824	United	Animal	Canine/dog	5 Year(s)	05/09/2017	26/09/2017	1 .		16/08/2017	Vac /RP\/RP\/P	Anaemia NOS,Lack of efficacy	No Data	Suspected Lack of Expected Efficacy and Suspected Adverse Reaction: On 26 Sep 2017 a pet owner Labrador	25.0	55 BRAVECTO 1000MG 1X1TAB 240 -	
NOBIVAC L4	OUR INCREMENTATION 10024	States	cunillai	carinie/dog	3 (cal(s)	03/03/201/	20/05/201/	1 1	1 1	20/00/201/	R> Yes,	(ectoparasite	Data	reported that his dog was diagnosed with Lyme disease, despite receiving Bravecto 1000 mg (over 44 Retriever		1000,N/A,11 Weeks,3,1000 mg 11	
	1		1			1						NOS),Diarrhoea,Death by	l	and up to 88 lbs) on 17 Apr 2017 and 06 Jul 2017. The owner reported the dog experienced emesis		Weeks 1 Animal (11 Week(s)	
	1	l	1			1					BR> Yes, <b< td=""><td>euthanasia,Lethargy (see also</td><td>l</td><td>before and on approximately 18 Sep 2017, the dog was presented to the veterinarian for treatment,</td><td></td><td>17/04/2017-</td><td></td></b<>	euthanasia,Lethargy (see also	l	before and on approximately 18 Sep 2017, the dog was presented to the veterinarian for treatment,		17/04/2017-	
1	1	l	1			1					R> <br< td=""><td>Central nervous system depression</td><td>l</td><td>and experienced lethargy, elevation of creatinine, and had a positive Lyme test. The dog did not</td><td></td><td>06/07/2017) Clavamox -</td><td></td></br<>	Central nervous system depression	l	and experienced lethargy, elevation of creatinine, and had a positive Lyme test. The dog did not		06/07/2017) Clavamox -	
1			1			1						in 'Neurological'),Weight		improve with overnight treatment with fluids, and was euthanized due to a poor prognosis. Further		N/A,N/A,12 Hours,24,Unknown 12	
1		l	1	1	1	1						loss,Abnormal test result,Blood in		information was received from the veterinarian on 27 Sep 2017. The dog was found to be Lyme	- 1	Hours 1 Animal (10 Day(s)	
1	1	l	1			1					R>Not Known	urine,Urinary tract	l	positive on 18 Sep 2017 via an IDEXX 4DX test. The owner had reported seeing ticks crawling on the		16/08/2017-	
1	1	l	1			1]	infection,Hyperphosphataemia,Elev ated BUN.Elevated	l	dog after use of Bravecto began, but details were not known regarding engorgement or attachment. No prior Lyme tests had been performed, so Lyme status at time of starting Bravecto was not		26/08/2017) NOBIVAC INTRA-TRAC 3 25X 1 DS - 1,N/A,N/A	
1	1	l	1			1]	ated BUN,Elevated creatinine,Emesis	l	established. Historically, on 16 Aug 2017 the dog presented for a urinary tract infection and was		,10,1 ml Not applicable 1 Animal	
1	1	l	1			1]	(multiple),Azotaemia,Decreased	l	treated with Clavamox for 10 days. On 05 Sep 2017 the dog presented for a unitary tract infection and was		(05/09/2017-	
1			1			1						packed cell volume (PCV),Elevated		Lepto4, and had a negative fecal test. The dog began vomiting on 13 Sep 2017 and was treated with		05/09/2017) NOBIVAC	
1	1	l	1			1]	amylase,Pyuria,Low platelet count	l	probiotic. The dog presented on 18 Sep 2017, and weight loss, lethargy, continued vomiting, and		LEPTO 4 25X1DS MRK - 1,N/A,N/A	
1	1	l	1			1]		l	diarrhea were reported beginning 13 Sep 2017. A fecal examination was not performed. Blood work		,10,1 ml Not applicable 1 Animal	
1			1			1								run on 18 Sep 2017 showed BUN 112 mg/dL (7-25), creatinine 6.3 mg/dL (0.3-1.4), phosphorus 12.3		(05/09/2017-	
1	1	l	1			1]		l	mg/dL (2.9-6.6), amylase 1800 IU/L (200-1200), Urinalysis showed ongoing red and white blood cells.		05/09/2017) probiotic -	
1			1			1]			The culture was negative. The hematocrit showed anemia at 20% (30-45) with low platelets 7,000/ul		N/A,N/A,N/A ,24,Unknown	
1		l	1			1]		l	(200,000+ is normal). The veterinarian diagnosed azotemia, with suspicion for Lyme nephritis. The dog		Unknown 1 Animal (1 Week(s) 13/09/2017-20/09/2017\ <	
1		l	1	1	1	1]			responded poorly to treatment and was euthanized on 20 Sep 2017. A necropsy was not performed. No further information is expected. [Reason for use for product: Generic: FLURALANER CHEW	- 1	13/U9/ZU17-ZU/U9/ZU17/SBK> 	
1			1			1]			TABLETS Brand: BRAVECTO 1000MG 1X1TAB 240 Reason: Flea/ tick control Generic: CANINE			
1		l	1			1]		l	BB/PI3/ADENO 2 LV/LB Brand: NOBIVAC INTRA-TRAC 3 25X 1 DS Reason: Vaccination Generic:			
			1	1	1	1							l	CANINE LEPTO*4(ORIG S-P US) KB Brand: NOBIVAC LEPTO 4 25X1DS MRK Reason: Vaccination	1	1	
														Generic: Brand: Clavamox Reason: Urinary Tract Infection Generic: Brand: probiotic Rea Reason			

	USA-MERCIMASO-2017-US-17588	United States United States	Animal	Canine/dog	8 Year(s)	06/10/2017	19/10/2017	1 1		/10/2017	Not Known-dBR-BR-BR-VBR-VBR-VBR-VBR-BR-BR-VBR-VBR-V	Increased birta-ocular pressure. Dilated popilis, abnormal pressure. Dilated popilis, abnormal pressure. Dilated popilis, abnormal modess, Mydrafas, Andreada, Andreada, Nystagmus - see "Neurological"), Blindness Death by euthanasia Lack of	No Data	Siderected adverse treation. On 80 Oct 2017, a veteriminan reported via volcines in that a day of severing defending signs after administration is inserted. Paraccut, and vaccines on 60 Oct 2017. On 100 Oct 201	
		States						3 3			Known, GRA-GR -CRASH-GR-GR -GR-GR-GR-GR -GR-GR-GR-GR -GR-GR-GR-GR -GR-GR-GR -GR-GR-GR -GR-GR-GR -GR-GR-GR -GR-GR -GR-GR -GR-GR -GR-GR -GR-GR -GR-GR -GR	efficacy		Jeweloped letharge, wasn't feeling well, stiff hindlimbs, fewer, azotemia, elevated alkaline phosphatase. Retriever MLAP, mild hypoplatimensine, acclymous and thrombotypoeine despite receiver floybox us cyme on 100 pez 2018 and 37 /an 2017 and Nobiwa c Lepto on 17 Jan 2017. The dog was reported to have received a leptosprosis wccine annually instantised with food. The dog was reported to their region in CL2 2017. The dog has also been receiving Bravecto 1000 mg (over 44 and up to 88 lbs) since 16 May 10017. It is unknown whether it was administed with food. The dog was regented on a SNAP 40X on 1001. The dog was segated on a SNAP 40X on 100 food. The dog was segated on a SNAP 40X on 100 food. The dog was segated on a SNAP 40X on 100 food. The dog was segated was self-industry and straining the straining of the society o	
NOBIVAC LA	USA-MERCINASO-2017-US-20648	United	Animal	Canine/dog	4 Year(s)	27/05/2017	25/01/2018	1 1	0 17/		R-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN-SBN	Bloody diarrhoea, Era discharge, Gail bladder & bile duc't disorder NOS-Hepatopathy, Jaundice, Hypoca kaemic conditions, Frythema (for utilicaria see Immune SOC)-Puritus, Decreased appetite, Lethargy (see also Central nervous system depression in Neurological') Malaite, Lack Ocentral nervous system depression in Neurological') Malaite, Lack Ocentral nervous system demonstration, Depression of the Company of	No Data	Sizepected adverser reaction (SAR) and output color of expected efficacy (SEE) on 21 Nov 2017 a Base Retriever 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017. The dog was administered Bravecto 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017. The dog was administered Bravecto 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017. The dog was administered Bravecto 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017. The dog was administered Bravecto 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017 (SER 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered on 90 Ct 2017 (SER 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 10 58 Bb) administered On 1000 pt.) 1000 mg (over 44 and up 1000 pt.) 1000 mg (over 44 and up 1000 pt.) 1000 mg (over 44 and up 1000 pt.) 1000 mg (over 40 and up 1000 pt.) 100	

NOBIVAC L4	USA-MERCKMSD-2017-US-22080	United	Animal	Canine/dog	6 Year(s)	20/06/2017	12/01/2018	1 1	0 02/10/201	7 Not	Anaemia	No Data	Suspected adverse reaction: On 26 Dec 2017 a technician reported that a 7 year old Labrador Retriever	Labrador	47.31	B vitamins - N/A,N/A,N/A	
		States								Known, <br< td=""><td></td><td></td><td>developed suspected immune mediated hemolytic anemia after dosing with Bravecto 1400 mg (over</td><td>Retriever</td><td></td><td>,24,Unknown Unknown 1 Animal (12</td><td></td></br<>			developed suspected immune mediated hemolytic anemia after dosing with Bravecto 1400 mg (over	Retriever		,24,Unknown Unknown 1 Animal (12	
										> 			88 and up to 123 lbs) on approximately 28 Mar 2017. The owner was dispensed 2 doses but she does			Week(s) 02/10/2017-	
										Not	anaemia		not recall giving the second dose. Both packages were empty in Dec 2017. On 02 Oct 2017 the dog			26/12/2017) BRAVECTO	
										Known, <br< td=""><td></td><td></td><td>was brought in for examination because of weakness. The red blood cells (RBCs) were 2.83 x 1000/uL</td><td></td><td></td><td>1400MG 1X1TAB 240 -</td><td></td></br<>			was brought in for examination because of weakness. The red blood cells (RBCs) were 2.83 x 1000/uL			1400MG 1X1TAB 240 -	
										> 			(5.5-8.5) and platelets were 37 x1000/uL (165-500). The dog was sent home with doxycycline and an			1400,N/A,N/A ,3,1400 mg Unknown	
										Yes, <b< td=""><td></td><td></td><td>iron-Vitamin B supplement. The RBCs and platelets remained low, and the dog was continued on</td><td></td><td></td><td>1 Animal (28/03/2017-</td><td></td></b<>			iron-Vitamin B supplement. The RBCs and platelets remained low, and the dog was continued on			1 Animal (28/03/2017-	
										R> Yes,			doxycycline and the iron-B vitamin supplement, through 26 Dec 2017. On that day immune mediated			01/01/2017) NOBIVAC	
										 <			hemolytic anemia was diagnosed and the dog was started on prednisolone. The dog was diagnosed as			LEPTO 4 25X1DS MRK - 1,N/A,N/A	
										BR> Not			hypothyroid and started on levothyroxine in Feb 2017 (pre-existing). The dog was treated with a			,10,1 ml Not applicable 1 Animal	
										Known, <br< td=""><td></td><td></td><td>sulfadiazine - trimethoprim antibiotic for an infected toenail in Apr 2017. It was boostered with</td><td></td><td></td><td>(20/06/2017-</td><td></td></br<>			sulfadiazine - trimethoprim antibiotic for an infected toenail in Apr 2017. It was boostered with			(20/06/2017-	
										> 			Nobivac Lepto 4 on 20 Jun 2017. An Ehrlichia and Lyme test were negative on 19 Dec 2017. A follow			20/06/2017) Trimethoprim	
										Yes			up is pending. Follow-up 11 Jan 2018: Changed reproductive status from "mixed" to "neutered". Follow-			- sulfa - N/A,N/A,N/A ,24,Unknown	
													up 12 Jan 2018: Re-approved and resubmitted case. [Reason for use for product: Generic:			Unknown 1 Animal (01/04/2017-	
													FLURALANER CHEW TABLETS Brand: BRAVECTO 1400MG 1X1TAB 240 Reason: Flea/tick control			01/01/2017) doxycycline -	
													Generic: CANINE LEPTO*4(ORIG S-P US) KB Brand: NOBIVAC LEPTO 4 25X1DS MRK Reason:			N/A,N/A,N/A ,24,Unknown	
													Vaccination Generic: Brand: levothyroxine Reason: Hypothyroidism. Generic: Brand: Trimethoprim			Unknown 1 Animal (12 Week(s) 02/10/2017-	
													sulfa Reason: Anti-infective Generic: Brand: B vitamins Reason: Supportive treatment Generic				
													Reason for use truncated. [State of health: Fair]			26/12/2017) levothyroxine	
																8,N/A,1 Days,3,0.8 mg 1 Days 1 Animal (01/02/2017-N/A) 	
																Animai (01/02/2017-N/A) 	
ı					l						ĺ	I			ı	l l	
NOBIVAC L4	USA-MERCKMSD-2018-US-01398	United	Animal	Canine/dog	2 Year(s)	04/05/2017	19/02/2018	1 1	0 25/10/201	7 Not	Aggression,Behavioural disorder	No Data	Suspected Adverse Reaction and Suspected Lack of Efficacy: On 29 Jan 2018 an office manager	Crossbred	28.758	Aloe Clens - N/A,N/A,N/A	
1		States	1	,		, ,	.,.,		., .,		NOS,Seizure NOS,Depression,Lack	1	reported that a dog had seizures after administration of Bravecto 1000 mg (over 44 and up to 88 lbs)	l		,24,Unknown Unknown 1 Animal	ļ
1			1	1					1		of efficacy, Weight gain, Abnormal	1	(unknown if given with food). The product was given July 2017, Sep 2017, 13 Nov 2017, 20 Jan 2018.		ı	(16/10/2017-	
1			1	1					1	Not	test result,Appetite disorder	1	The Bravecto was instructed to be given every three months, but the owner chose to give it more		ı	N/A) Amoxicillin -	
1					l					Known. <br< td=""><td></td><td>I</td><td>frequently, which was extra label use, frequency too high. Interceptor was given approximately May</td><td></td><td></td><td>500,N/A,12 Hours,3,500 mg 12</td><td></td></br<>		I	frequently, which was extra label use, frequency too high. Interceptor was given approximately May			500,N/A,12 Hours,3,500 mg 12	
1					l					> 		I	2017, Aug 2017, Oct 2017, 17 Dec 2017. The owner reported that she was under the impression that		ı	Hours 1 Animal (1 Week(s)	
1					l					Not	ĺ	I	Bravecto and Interceptor should be alternated monthly. The dog had been treated in Jan 2017 for		ı	25/10/2017-	
1					l					Known, <br< td=""><td>ĺ</td><td>I</td><td>papillomatosis (pre-existing). It also had chronic skin allergies, had allergy testing performed, and a</td><td></td><td>ı</td><td>01/11/2017) BRAVECTO</td><td></td></br<>	ĺ	I	papillomatosis (pre-existing). It also had chronic skin allergies, had allergy testing performed, and a		ı	01/11/2017) BRAVECTO	
1					l					> 	1	I	food trial had been discussed in Mar 2017. The owners were instructed to clean the ears weekly with			1000MG 1X1TAB 240 - 1000,N/A,2	
										Not			Triz Ultra Keto (since Jan 2017). On 04 May 2017, the dog received Nobivac Intra-Trac KC and Nobivac			Months,3,1000 mg 2 Months 1	
					l					Known, <br< td=""><td>ĺ</td><td>I</td><td>Lepto4. On 16 Oct 2017 the veterinarian (vet) dispensed Aloe Clens to administer in the ears after</td><td></td><td>ı</td><td>Animal (01/07/2017-</td><td></td></br<>	ĺ	I	Lepto4. On 16 Oct 2017 the veterinarian (vet) dispensed Aloe Clens to administer in the ears after		ı	Animal (01/07/2017-	
										> 			swimming. On 25 Oct 2017, the dog was examined for coughing and was treated with Amoxicillin and			20/01/2018\ Cough Tabs -	
										No, <b< td=""><td></td><td></td><td>cough tabs. On 23 Nov 2017, the dog was brought to an emergency clinic for evaluation of a seizure</td><td></td><td></td><td>N/A.N/A.N/A .24.Unknown</td><td></td></b<>			cough tabs. On 23 Nov 2017, the dog was brought to an emergency clinic for evaluation of a seizure			N/A.N/A.N/A .24.Unknown	
										R> Yes.			that lasted three minutes. The owner reported that the dog seemed aggressive afterward. A complete			Unknown 1 Animal (4 Day(s)	
										 <			blood count, chemistry panel, and blood gas revealed pH 7.47 and PCO2 31 (normals not reported).			25/10/2017-	
										BR> Yes, <b< td=""><td></td><td></td><td>The physical exam was unremarkable and the dog was not treated. The first seizure (23 Nov 2017) had</td><td></td><td></td><td>29/10/2017) Interceptor -</td><td></td></b<>			The physical exam was unremarkable and the dog was not treated. The first seizure (23 Nov 2017) had			29/10/2017) Interceptor -	
										R> <br< td=""><td></td><td></td><td>occurred 10 days after Bravecto was administered (13 Nov 2017) and the second seizure (27 Dec 2017)</td><td></td><td></td><td>N/A,N/A,2 Months,24,Unknown 2</td><td></td></br<>			occurred 10 days after Bravecto was administered (13 Nov 2017) and the second seizure (27 Dec 2017)			N/A,N/A,2 Months,24,Unknown 2	
										> Not			had occurred 11 days after Interceptor (27 Dec 2017). Bravecto was administered again on 20 Jan			Months 1 Animal (01/05/2017-	
										Known			2018. On 31 Jan 2018, the owner reported that the dog was slow to eat breakfast for the past few			17/12/2017) NOBIVAC	
													days, seemed to need more attention and seemed depressed. The owner started adding broth to the			INTRA-TRAC KC 25 X 1DS -	
													dog's food because she was concerned he was not drinking enough. Medical exam on 31 Jan 2018			.4,N/A,N/A ,10,0.4 ml Not applicable	
													was unremarkable except for mild weight gain. The vet recommended that the dog lose weight.			1 Animal (04/05/2017-	
													Diagnostics were recommended but not performed. Follow-up is expected. Follow-up on 08 Feb 2018:			04/05/2017) NOBIVAC	
													The practice manager reported that the dog had a seizure on 03 Feb 2018. It was unknown if the dog			LEPTO 4 25X1DS MRK - 1,N/A,N/A	
													was treated. Follow-up is expected. Follow-up 19 Feb 2018: Note: The narrative incorrectly states			,10,1 ml Not applicable 1 Animal	
													Extra-Label Use, when it is unknown if the product was used correctly. Also product problem type lack			(04/05/2017-	
													of efficacy was removed from Bravecto. Follow-up is expected. [Reason for use for product:			04/05/2017) Triz Ultra	
													Generic: FLURALANER CHEW TABLETS Brand: BRAVECTO 1000MG 1X1TAB 240 Reason: Ectoparasitic			Keto - N/A,N/A,1	
NOBIVAC L4	USA-MERCKMSD-2018-US-01460	United	Animal	Canine/dog	2 Year(s)	07/04/2017	30/01/2018	1 1	0 07/04/201		Inappropriate	No Data	Suspected adverse reaction: On 30 Jan 2018 a veterinarian reported that a 2 year old Coton de Tulear	Coton de	4.082	BRAVECTO 112,5MG 1X1TAB 240 -	·
1		States			l						urination, Vomiting, Blepharospasm,	I	developed seizures after administration of Bravecto 112.5 mg (over 4.4 and up to 9.9 lbs) every 12	Tuléar	ı	112.5,N/A,12 Weeks,3,112.5 mg 12	
1			1	1					1	> 		1	weeks starting on 06 Feb 2017. The most recent dose was administered on approximately 23 Jan		ı	Weeks 1 Animal (06/02/2017-	
1					l						sign,Abnormal test	I	2018. The dog was adopted from a rescue in approximately Jan 2017. On 06 Feb 2017 the dog also		ı	23/01/2018) BronchiShield	
1					l						result,Conjunctival	I	received Interceptor Plus, and non-company Bordetella and Canine Influenza H3N8 vaccines. On 27			III BI - 1,N/A,N/A ,10,1 ml Not	
1					l						irritation,Tremor,Shaking	I	Feb 2017 the dog received Nobivac Canine Flu H3N8 booster and a non-company injectable Bordetella			applicable 1 Animal (27/02/2017-	
1					l					BR> Yes, <b< td=""><td>ĺ</td><td>I</td><td>vaccine. On 07 Apr 2017 the dog presented for blepharospasm, erythema of the conjunctiva. Trauma</td><td></td><td></td><td>27/02/2017) Cerenia -</td><td></td></b<>	ĺ	I	vaccine. On 07 Apr 2017 the dog presented for blepharospasm, erythema of the conjunctiva. Trauma			27/02/2017) Cerenia -	
					l					R> <br< td=""><td>1</td><td>I</td><td>was suspected as the cause Tobramycin eye drops were dispensed. The dog also received Nobivac</td><td></td><td>ı</td><td>N/A,N/A,N/A ,24,Unknown Not</td><td></td></br<>	1	I	was suspected as the cause Tobramycin eye drops were dispensed. The dog also received Nobivac		ı	N/A,N/A,N/A ,24,Unknown Not	
1					l					> Yes, <	ĺ	I	Lepto 4 and a Lyme vaccine from an unknown manufacturer. The dog started vomiting after		ı	applicable 1 Animal (07/04/2017-	
1					l					BR> <b< td=""><td>Í</td><td>I</td><td>vaccination and was treated with Cerenia and diphenhydramine. Subsequent vaccinations were</td><td></td><td>ı</td><td>07/04/2017) Diphenhydra</td><td></td></b<>	Í	I	vaccination and was treated with Cerenia and diphenhydramine. Subsequent vaccinations were		ı	07/04/2017) Diphenhydra	
1					l					R>Yes, 	1	I	uneventful. The dog returned on 22 Dec 2017 for a dental that was uneventful. On 02 Jan 2018 the		ı	mine - N/A,N/A,N/A ,24,Unknown	
1					l					 Y	1	I	dog had its first seizure and was taken to an emergency clinic where exam and complete blood count,			Not applicable 1 Animal	
		1	1		I		l			es, <b< td=""><td>l</td><td>1</td><td>packed cell volume, total solids, a chemistry panel, and electrolytes were all normal. The owner</td><td>1</td><td></td><td>(07/04/2017-</td><td></td></b<>	l	1	packed cell volume, total solids, a chemistry panel, and electrolytes were all normal. The owner	1		(07/04/2017-	
1					l					R> Yes,	ſ	I	described that the dog was resting on the sofa when it suddenly began shaking. The dog urinated a		ı	07/04/2017) Interceptor	
1					l					 <	ĺ	I	small amount and the episode lasted 5 minutes. Following the episode the dog had small intermittent		ı	Plus - N/A,N/A,1	
1					l					BR> Yes, <b< td=""><td>ĺ</td><td>I</td><td>tremors but then appeared to return to normal behavior quickly. A dose of Bravecto was administered</td><td></td><td>ı</td><td>Months,24,Unknown 1 Months 1</td><td></td></b<>	ĺ	I	tremors but then appeared to return to normal behavior quickly. A dose of Bravecto was administered		ı	Months,24,Unknown 1 Months 1	
					l					R> <br< td=""><td>1</td><td>I</td><td>on approximately 23 Jan 2018. Another seizure occurred on 30 Jan 2018. The dog was immediately</td><td></td><td>ı</td><td>Animal (06/02/2017-</td><td></td></br<>	1	I	on approximately 23 Jan 2018. Another seizure occurred on 30 Jan 2018. The dog was immediately		ı	Animal (06/02/2017-	
1					l					> Yes	ĺ	I	taken in for an exam. Complete blood count and serum chemistries were normal. A fecal was positive		ı	N/A) Lyme vaccine -	
1					l						ĺ	I	for Isospora oocysts. The urinalysis had a specific gravity of 1.061 (1.015-1.05), pH of 7.5 (5.5-7), and protein of 2+ (negative). The dog was normal on physical exam. The yet feels the dog has epileosy and		ı	1,N/A,N/A ,10,1 ml Not applicable 1 Animal (07/04/2017-	
					l						ĺ	I	protein of 2+ (negative). The dog was normal on physical exam. The vet feels the dog has epilepsy and started it on phenobarbital. A follow up is pending. [Reason for use for product: Generic:		ı	Animal (07/04/2017- 07/04/2017) NOBIVAC CIV	
					l						ĺ	I	started it on phenobarbital. A follow-up is pending. [Reason for use for product: Generic: FLURALANER CHEW TABLETS Brand: BRAVECTO 112,5MG 1X1TAB 240 Reason: Flea/ tick control		ı	FLU H3N8 25X1 DS - 1,N/A,N/A ,10,1	
					l						ĺ	I	Generic: Brand: Interceptor Plus Reason: Heartworm prevention Generic: Brand: Zoetis Influenza		ı	ml Not applicable 1 Animal	
ı		1			l					1		I	Generic: Brand: Interceptor Plus Reason: Heartworm prevention Generic: Brand: Zoetis Influenza H3N8 Reason: Vaccination Generic: CANINE INFL H3N8 KV Brand: NOBIVAC CIV FLU H3N8 25X1 DS			mi Not applicable 1 Animal (27/02/2017-	
1					l						ĺ	I	Reason: Vaccination Generic: CANNE INFE HINE HINE HOND IN BEASON: Vaccination Generic: Reason for		ı	27/02/2017- 27/02/2017) NOBIVAC	
ı					l						ĺ	I	use truncated. [State of health: Fair]		ı	LEPTO 4 25X1DS MRK - 1,N/A,N/A	
					l						ĺ	I	and a second control ton j		ı	,10,1 ml Not applicable 1 Animal	
1			1	1					1		ĺ	1				(07/04/2017-	

	-MERCIONSD-2018-US-03443	United A	Animal	Canine/dog	6 Year(s)	27/06/2017	25/03/2018	1 1		(2017 Yes, 688-45 Nown, 68 No	Not recumbency/Platelet disorder BR0 ST-remorp-Science NOS./Amorp-Science NOS./Amorp-Science NOS./Amorp-Science NOS./Brown-Science Nos./Brown-Sci	No Data	Sospected Adverse Reaction: On 08 Mar 2018, a technician (tech) reported that a 6 year old male nutreted golden relieve wellghing 102 pounds had a selective on 05 Mar 2018. The dolp had previously received 3 dooses of Sarwect on May 2017, Aug 2017, and Nov 2017 with no adverse events. The dog also received sholwar Capino 4 Fib Walner 2018 and 2017. Medical Relieve May 2017, Aug 2017, and Nov 2017 with no adverse events. The dog also received sholwar Capino 4 Fib Walner 2018 and 2017. Medical Relieve fib Walner 2018 and 2018. A complete blood control of 2018 and 2018. A complete blood control of 2018 and 2018. A complete blood control of 2018 and 2018. A complete blood control fib Walner 2018 and 2018. A complete blood control fib Walner 2018 and 2018. A complete blood control fib Walner 2018 and 2018. A complete blood control fib Walner 2018 and 2018. A complete blood control fib Walner 2018 and 2018. A complete blood control fib Walner 2018. A complete blood control fib walner 2018 and 2018. A complete blood control fib walner 2018 and 2018. A complete blood control fib walner 2018 and 2018. A complete blood control fib walner 2018 and 2018. A complete blood control fib walner 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 2018 and 2018. A complete blood control from walner 20
	-PFZRCVMP-2014-US-44031	United 4 States	Arimal	Canine/dog	10 Year(s)	29/10/2014	06/01/2015	1 1	1 08/1:1	// 2014 No	BR> Central nervous system depression in "Neurological", Annormal Neurological", Annormal Neurological SR colouration, Elevated BUN, Elevated BR> creatinine, Elevated ALT HBR BR> Not HBR HBR HBR HBR HBR HBR HBR HBR HBR	Not Known n	On 11/13/14 a veterinarian reported an extra label use (treatment program not respected) and a possible advener event with Probaset of partial of 3672-13, and a possible advener event with Probaset of partial of 3672-13, and a possible advener event with Probaset of partial of 3672-13, and a possible advener event with Probaset of partial of 3672-13, and a possible advener event with Probaset of partial of 3672-14, and a possible advener event with Probaset of partial possible partial of 3672-14, and a possible advener event with Probaset of partial possible partial of 1572-14, and a possible advener event with Probaset of partial possible advener event with probaset of partial possible and probaset possible probaset of partial possible and probased possible probaset possible probased possible probaset
	-PFZRCVMP-2015-US-24726	United /	Animal	Canine/dog		22/06/2015	07/07/2015	1 1	1 29/01	Snown, GBA	BB- MOS, Cellulitis, Death, Inappetence, Co- di in MOS, Leftray (see a loc Certu- di	ns Not h Known l I	36. Antibiotic (Unknown) - N/AN/AN/A 37/71/54. A veterimarian reported a perceived adverse event involving Bionochicine CAE (serial Addr2720A) 38. A veterimarian reported a perceived adverse event involving Bionochicine CAE 37/71/54. A veterimarian reported a perceived adverse event involving Bionochicine and Image a 12-year old, 87. Drough A/N Schemin Husky in good gree 37/71/54. A veterimarian reported as was previously administred. The reaction was characterized by unknown if finansify injectable was previously administred. The reaction was characterized by unknown if finansify injectable was previously administred. The reaction was characterized by unknown if finansify injectable was previously administred. The reaction was characterized by unknown in finansify injectable was previously administred. The reaction was characterized by unknown in the strain previously with the service in the product of the product administration and evention and the case of the strain altered and the case owner considers the causal relationship as into inconclusive for Bronchicine with the severity of the adverse signs not typical of a localized reaction secondary to vaccination and two other products administered connominations of the products administrated connominations of the products of the product of the products of the product of the products
NOBIVAC L4 USA-2	-ZZELANCO-US2017_021711	United A States	Animal	Canine/dog	10 Year(s)	09/08/2017	10/08/2017	1 1	1 10/01	/2017 Not Known,
>BR><br: Yes</br: </br 		Not Known	On 10 Aug 17, Elanco was contacted by an animal owner regarding a potential adverse drug experience with the properties of the properties

N	NOBIVAC L4	USA-ZZELANCORG-US201501259	United	Animal	Canine/dog	12 Week(s)	22/01/2015	23/01/2015	1 1	1 2	2/01/2015	Not	Inappropriate urination, Sleepiness	Not	On 23 Jan 15, Elanco was contacted by an attending veterinarian regarding a potential adverse drug	Other	11.068	Bordetella vaccine - N/A,N/A,N/A	
			States									Known, <br< td=""><td>neurological disorder, Respiratory</td><td>Known</td><td>event involving Trifexis (spinosad + milbemycin oxime) in a Pitt Bull dog named Bruno. Bruno was</td><td>Canine/dog</td><td></td><td>,N/A,N/A (1 Day(s) 22/01/2015-</td><td></td></br<>	neurological disorder, Respiratory	Known	event involving Trifexis (spinosad + milbemycin oxime) in a Pitt Bull dog named Bruno. Bruno was	Canine/dog		,N/A,N/A (1 Day(s) 22/01/2015-	
												> 	distress,Death		presented to the attending veterinarian on 22 Jan 15 at approximately 1:40 pm CST, for a routine			22/01/2015) Nobivac	
												Not			wellness exam and vaccination. Trifexis was dispensed at the visit. Bruno received Trifexis 560 mg +			DHPPi - N/A,N/A,N/A ,N/A,N/A (1	
												Known, <br< td=""><td></td><td></td><td>9.3 mg (50.60+ 0.84 mg/kg) on 22 Jan 15 at approximately 7 pm CST after a meal consisting of puppy</td><td></td><td></td><td>Day(s) 22/01/2015-</td><td></td></br<>			9.3 mg (50.60+ 0.84 mg/kg) on 22 Jan 15 at approximately 7 pm CST after a meal consisting of puppy			Day(s) 22/01/2015-	
												> 			food. The attending veterinarian reported that he chewed half the pill, and spit the other half out, and			22/01/2015) Nobivac L4 -	
												Not			the animal owners wrapped the remaining half pill in cheese and successfully re-administered it. The			N/A,N/A,N/A ,N/A,N/A (1 Day(s)	
												Known, <br< td=""><td></td><td></td><td>dog was without incident until approximately 3 hours later, around 10 pm CST on 22 Jan 15 when he</td><td></td><td></td><td>22/01/2015-</td><td></td></br<>			dog was without incident until approximately 3 hours later, around 10 pm CST on 22 Jan 15 when he			22/01/2015-	
												> 			was described as sleepy. The dog then laid down, went into acute respiratory distress, released his			22/01/2015) Trifexis 560	
												Yes			bladder then passed away at home. The attending veterinarian stated it happened so quickly the			mg spinosad - 1,N/A,N/A ,N/A,1	
															owners had no time to seek veterinary care. The owner attempted CPR unsuccessfully. Bruno had no			Tablets (1 Day(s) 22/01/2015-	
															known medical conditions prior to Trifexis administration. Bruno did receive vaccines on 22 Jan 15 at			22/01/2015) 	
															approximately 1:40 pm CST. The vaccinations he received were a SQ Bordetella vaccine and a 1-				
															DAPPV+ Leptospirosis vaccine, which contained 4 strains of Leptospirosis per the attending				
															veterinarian. The attending veterinarian was not sure if the dog's death was related to a vaccination				
															reaction or Trifexis administration. The dog had no known medical conditions nor was he receiving any	/			
															other medications besides those previously mentioned. The attending veterinarian has recommended				
															a necropsy be performed, although the animal owner buried the dog on 22 Jan 15. Elanco veterinarian				
															to follow up on or after 27 Jan 15. 27 Jan 15: On 27 Jan 15 Elanco veterinarian contacted the attending	3			
															veterinarian who reported that the owner decided not to proceed with necropsy, as they had already				
															buried Bruno. He said that they have the owner's understanding. He asked owners if they saw any				
															facial swelling, or anything indicative of an allergic reaction prior to the dog's demise, and they said no.	-			
															No further information is expected. Strength = 560 mg per dose [Reason for use for product:				
															Generic: spinosad; milbemycin oxime Brand: Trifexis 560 mg spinosad Reason: Parasite control				
					1		I						1		Generic: 4-in-1 canine vaccine Brand: Nobivac DHPPi Reason: Prophylaxis Generic: tetravalent	I			
															leptospirosis vaccine Brand: Nobivac L4 Reason: Prophylaxis Generic: Bordetella vaccine Brand:				
					1		I						1	1	Reason: Prophylaxis] [State of health: Good]	I			