

DETECTION TIMES				
Substance	Preparation	Dose	Route of Administration (no of horses)	Detection Time (hours)
Acepromazine	Sedalin® Vetoquinol UK Ltd	0.15mg/kg, single dose	Oral (6)	72
Altrenogest	Regumate® Equine MSD Animal Health	44µg/kg for 10 days, once daily	Oral (4)	288*
Butorphanol	Torbugesic® Fort Dodge Animal Health Ltd	100µg/kg, single dose	i.v. (6)	72
Butyl Scopolamine/ Dipyrone (Metamizole)	Buscopan™ Compositum Boehringer Ingelheim	0.2mg/kg butyl scopolamine/25mg/kg dipyrone (Metamizole), single dose	i.v. (6)	72
Butyl scopolamine	Buscopan® Boehringer Ingelheim	0.3mg/kg, single dose	i.v. (6)	≤48^
Carprofen	Rimadyl® Pfizer Ltd	0.7mg/kg, single dose	i.v. (6)	264
Cetirizine	Allacan® (Bristol Laboratories Ltd)	190mg twice daily for 4.5 days (9 doses)	Oral (2)	96
Ciclesonide	Aservo®Equihaler® Ciclesonide inhalation solution	5.5mg/day/5 days then 4.1mg/day/5 days	Inhalation (6) Patented Aservo®Equihaler®	120
Clenbuterol	Ventipulmin™ Syrup (25 micrograms/ml) Boehringer Ingelheim	1.6µg/kg/day for 10 Days, once daily	Oral (6)	312
Clenbuterol	Ventipulmin™ Injection (30 micrograms/ml) Boehringer Ingelheim	0.3µg/kg/day for 5 Days, once daily	Nebulised\$ (6)	144
Dantrolene	Dantrium®	500mg for 3 days, once daily	Oral (12)	≤48^↓5
Dembrexine	Sputolysin® Boehringer Ingelheim	0.3mg/kg, 9 doses at 12h intervals	Oral (6)	96↓
Detomidine	Domosedan® Orion Pharma, Finland	0.02mg/kg, single dose	i.v. (10)	≤48^
Detomidine/ Butorphanol	Domosedan® Janssen Torbugesic® Pfizer	10µg/kg followed after 5 minutes with 25µg/kg Torbugesic®, single dose	i.v. (6)	72↑2

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Dexamethasone isonicotinate	Voren® Boehringer Ingelheim Ltd	0.03mg/kg, single dose (15ml/500kg horse)	i.m (6)	336
Dexamethasone sodium phosphate	Dexadreson® Intervet UK Ltd	0.06mg/kg, single dose (15ml/500kg horse)	i.v. (6)	120
Dipyrone	Vetalgin® Intervet Deutschland GmbH	30mg/kg, single dose	i.v. (10)	72
Eltenac	Telzenac® Schering Plough Animal Health	0.5mg/kg for 5days, once Daily	i.v. (6)	192
Firocoxib	Equioxx® Merial	100µg/kg for 7 days, once daily	Oral (20)	360 (15 days)
Flunixin	Finadyne® Schering Plough	1mg/kg, single dose	i.v. (4)	144
Furosemide	Dimazon™ Intervet	1mg/kg, single dose	i.v. (6)	≤48^
Hydroxyzine	Atarax® (Alliance Pharmaceuticals Ltd)	500mg twice daily for 4.5 days (9 doses)	Oral (6)	96
Ipratropium	Atrovent™ solution for nebulisation (0.5 mg /ml) Boehringer Ingelheim	5.5µg/kg/day for 3 Days, once daily (16.5µg/kg in total)	Nebulised** (6) [MDI-Spacer]	120↓ [168]
Ketoprofen	Ketofen® Merial Animal Health Ltd	2.2mg/kg for 5days, once daily	i.v. (6)	96
Lidocaine	Norocaine® Norbrook Laboratories	300mg/15mL, single dose 60mg/3mL, single dose	s/c (6)	72↑
Meclofenamic acid	Not commercially available. Sigma (†see footnote)	2.2mg/kg/single Dose	i.v. (6)	≤48^
Meclofenamic acid	Dynoton Biove Laboratory Arques, France	4mg/kg for 5 days, once daily	Oral (6)	120
Meloxicam	Metacam® Boehringer Ingelheim	0.6mg/kg for 14days, once daily	Oral (8)	72
Mepivacaine	Intra-Epicaine® Arnolds Vet Products Ltd	2mL/40mg, single dose (0.07 – 0.09mg/kg)	s/c to lateral aspect of distal limb (6)	72↑
Mepivacaine	Intra-Epicaine®	8mL/160mg, single dose	s/c neck (6)	72↑

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	Arnolds Vet Products Ltd	(0.28 – 0.36mg/kg)		
Misoprostol	Cytotec®	5µg/kg for 14 days, twice daily	Oral (6)	≤48^
Naproxen	Naprosyn™ Roche	10mg/kg for 5 days, once daily	Oral (6)	>360 (15 days)
Omeprazole	Gastrogard ®37% oral Paste Merial	1mg/kg for 28days, once daily	Oral (* see note)	≤48^ <span style="color:red">↓4</span>
Phenylbutazone	Equipazolone® Arnolds Vet Products Ltd  Phenylarthrite™ Vetoquinol SA  Equipazolone® Intervet SA	4.7mg/kg for 5days, twice daily  8.8mg/kg, single dose  8.8mg/kg for 1 day, twice daily followed by; 4.4mg/kg for 10 days, twice daily	Oral (2)  i.v. (6)  Oral (6)	168
Prednisolone	Prednidale® 25 mg Dechra	1mg/kg, single dose	Oral (6)	≤ 48^
Procaine benzylpenicillin	Depocillin® MSD Animal Health	12mg/kg for 5 days, once or twice daily	i.m. (4)	240*
Romifidine	Sedivet® Boehringer Ingelheim	80µg/kg, single dose	i.v. (8)	60
Romifidine/ Butorphanol	Sedivet® Boehringer Ingelheim Torbugesic® Pfizer	60µg/kg followed after 5 minutes with 25µg/kg Torbugesic®, single dose	i.v. (6)	72
Salbutamol	Ventolin Evohaler® Allen & Hansburys	5 x 100µg actuations per dose for 2 days at 4 hourly dosing during day	Inhaled via a pMDI through a spacer into nostrils(‡ see note) (6)	72 <span style="color:red">↓3</span>
Vedaprofen	Quadrisol® Intervet SA	2mg/kg, single dose	i.v. (6)	96
Xylazine	Chanazine®	0.4mg/kg, single dose	i.v. (6)	72

Please note: those preparations from Arnolds Vet Products Ltd are now marketed and licensed under Dechra Veterinary Products

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† Prepared according to Johansson *et al.* *Pharmaceutical & Biomedical Analysis* (1986) 4, 2 171-179

\* Calculated from several studies involving differing numbers of horses

\*\* Note that the previously released DT if 7 days relates to this product being given via a Metered Dose Inhaler/Spacer administration system whereas this 5 day advice relates to true nebulisation.

§ This route of administration is not licensed in the UK

‡ These products are licenced human medications and therefore should be used in accordance with Veterinary Medicine Regulations guidance on the use of the cascade, including precautions to ensure human safety.

^ The BHA, an EHSLC member country, requires that a prohibited substance may not be given on the day of a race. Other EHSLC member countries advise that a prohibited substance may not be given within 48 hours, or longer, of a race. Therefore, no Detection Times  $\leq$  48 hours will be advised by the EHSLC with whom the BHA harmonise Detection Times.

\* Effective 1<sup>st</sup> January 2015

↑ 1 Increase in Detection Time from that previously published. New Detection Time applicable from 28 November 2011.

↑ 2 Increase in Detection Time from that previously published by BHA. New Detection Time applicable from 1 October 2012.

↓ 3 Decrease in Detection Time from previously published level. New Detection Time applicable from 28 November 2011.

↓ 4 Decrease in Detection Time from previously published level. New Detection Time applicable from 1 March 2014

↓ 5 Decrease in Detection Time from previously published level. New Detection Time applicable from 1 February 2019

↓ 6 Decrease in Detection Time from previously published level. New Detection Time applicable from 1 June 2019.

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