

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	2.2mg/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/ Dipyron (Metamizole)	Buscopan™ Compositum Boehringer Ingelheim	0.2mg/kg butyl scopolamine/25mg/kg dipyron (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
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	96
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
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

Dipyrrone	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) 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® Arnolds Vet Products Ltd	8mL/160mg, single dose (0.28 – 0.36mg/kg)	s/c neck (6)	72↑
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↓4

Phenylbutazone	Equipazolone® Arnolds Vet Products Ltd	4.7mg/kg for 5days, twice daily	Oral (2)	168
	Phenylarthrite™ Vetoquinol SA	8.8mg/kg, single dose	i.v. (6)	
	Equipazolone® Intervet SA	8.8mg/kg for 1 day, twice daily followed by; 4.4mg/kg for 10 days, twice daily	Oral (6)	
Prednisolone	Prednidale® 25 mg Dechra	1mg/kg, single dose	Oral (6)	≤ 48 <sup>^</sup>
Procaine benzylpenicillin	Depocillin® MSD Animal Health	12mg/kg for 5 days, once or twice daily	i.m. (4)	240 <sup>*</sup>
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↓ <sup>3</sup>
Tiludronate			i.v. (.)	720 (30 days)
Vedaprofen	Quadrisol® Intervet SA	2mg/kg, single dose	i.v. (6)	96
Salmeterol*	Serevent® Evohaler GSK	0.1 mg (4x 25µg/actuation per dose) for 5 days, twice daily	Administered via Metered Dose Inhaler plus Equi-Haler® (Kruse) device († see note)(6)	≤ 48 hours, not yet agreed internationa lly but to be adopted as interim by the BHA

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

† 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 of 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

↑ 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.

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

↓**3** Decrease in Detection Time from previously published level. New Detection Time applicable from 1 March 2014

↓**4** Decrease in Detection Time from previously published level. New Detection Time applicable from 1 February 2019