

FEL LIST OF DETECTION TIMES



27 Aug.2013

Important notes:

1. A detection time is *not* the same as a withdrawal time. The detection time is the approximate period of time for which a drug (or its metabolite) remains in a horse's system such that it can be detected by the laboratory and is provided *only as a guide*. The withdrawal time for a drug must be decided upon by the treating veterinarian and is likely to be based on the detection time plus a safety margin, chosen with professional judgment and discretion to allow for individual differences between horses such as size, metabolism, degree of fitness, recent illness or disease etc.

2. With all medications, a clinical judgment is essential to ensure that the welfare of the horse is never compromised by administering a drug at a time too close to an event such that it may mask symptoms and could aggravate a clinical condition. Horses with locomotor problems in particular must always be provided with adequate rest.

Substance	Preparation	Dose	Route of administration	Number of horses	Detection time (hours)
PHENYLBUTAZONE#	Equipalazone (Arnolds)	4.4 mg/kg/5 days/2x/day	Oral	2	168 (7d)
	Phenylarthrite, Vetoquinol SA	8.8 mg/kg	i.v.	6	168
	Equipalazone, Intervet SA	8.8 mg/kg/2x/day 1 + 4.4 mg/kg/2x/day for 10 days	oral	6	168
*FLUNIXIN#	Finadyne, Schering-Plough	1 mg/kg	i.v.	4	144 (6d)
**KETOPROFEN#	Ketofen, Merial Animal Health	2.2 mg/kg/5 days/1x/day	i.v.	6	96 (4d)
*DIPYRONE# (METAMIZOLE)	Vetalgin, Intervet	30 mg/kg	i.v.	10	72 (3d)
***MELOXICAM#	Metacam, Boehringer Ingelheim	0.6mg/kg/14 days	Daily Oral	8	72 (3d)
DEMBREXINE#	Sputolysin, Boehringer	0.3 mg/kg/9 doses at 12 hr intervals	oral	6	120 (5d)
MEPIVACAINE#	Intra-Epicaine, Arnolds	0.07-0.09 mg/kg (2ml/40mg)	s.c. lateral lower limb	6	48 (2d)
		0.28-0.35 mg/kg (8ml/160mg)	s.c. neck	6	48 (2d)
DETOMIDINE#	Domosedan, Orion Pharma	0.02 mg/kg	i.v.	10	48 (2d)
LIDOCAINE#		60-300 mg	s.c.	6	48 (2d)
CLENBUTEROL*	Ventipulmin	0.8 µg/kg bid q 8 days	oral	6	168 (7d)
N-BUTYL SCOPOLAMINE#	Buscopan mono***	0.3 mg/kg	i.v.	6	24 (1d)
DEXAMETHASONE	Aqueous solution	10 mg Na-phosphate	i.v.	6	48 (2d)
METHYLPREDNISOLONE ACETATE	Depomedrol, Pfizer	200mg in 3 joints	i.a.	5	672 (28d)
		100mg in 2 joints	i.a.	5	336 (14d)
TRIAMCINOLONE ACETONIDE	Kenacort retard 40 (40 mg/ml)	12 mg in one joint	i.a.	6	168 (7d)

* Studies have shown that re-uptake of drugs (e.g. dipyrone, flunixin, clenbuterol) through droppings of the horse or contaminated bedding can result in prolonged detection times. Therefore it is essential that stalls in which competition horses are under NSAID or other treatment are daily and thoroughly cleaned. This applies particularly to oral medication in boxes with straw bedding not replaced very frequently.

** For ketoprofen, administration of topical treatment has resulted in prolonged detection times. Administration of ketoprofen as topical treatment is therefore not recommended.

*** Boehringer Ingelheim.

Based on original data received from the European Horserace Scientific Liaison Committee (EHSLC).