



PENNSYLVANIA

Therapeutic Substances

Substance	Restricted Admin Time*	Threshold**	Route of Admin
Acepromazine	24 hours	10 ng/mL of urine	Intravenous
Betamethasone	24 hours	10 pg/mL in plasma or serum	Intra-articular
Butorphanol	24 hours	2 ng/mL of plasma, or Total butorphanol – 300 ng/mL of urine	Intravenous
Clenbuterol	24 hours	100 pg/mL (urine); level of detection (plasma)	Orally
Dantrolene	24 hours	0.1 ng/mL of plasma or serum	Orally
Detomidine	24 hours	1 ng/mL of carboxydetomidine in urine	Sublingual (Domosedan gel)
Dexamethasone	24 hours	5 pg/mL in plasma or serum	Oral, Intravenous, IM
Diclofenac	24 hours	5 ng/mL of serum or plasma	Topically
DMSO	24 hours	10 mcg/mL of plasma or serum	Topical
Firocoxib	24 hours	20 ng/mL in plasma or serum	Orally
Flunixin	24 hours	20 ng/mL of serum or plasma	Intravenous
Furosemide	4 hours	100 ng/mL in blood and urine	Intravenous
Glycopyrrolate	24 hours	3 pg/mL of serum or plasma	Intravenous
Ketoprofen	24 hours	10 ng/mL of serum or plasma	Intravenous
Lidocaine	24 hours	20 pg/mL of total 30H-lidocaine in plasma	Subcutaneous – distal limb
Mepivacaine	24 hours	10 ng/mL (urine); LOD in plasma	Subcutaneous – distal limb
Methocarbamol	24 hours	1 ng/mL of serum or plasma	Orally
Methylprednisolone	24 hours	100 pg/mL in plasma or serum	Intra-articular
Omeprazole	24 hours	1 ng/mL in urine	Orally
Phenylbutazone	24 hours	2 mcg/mL of serum or plasma	Intravenous
Prednisolone	24 hours	1 ng/mL of plasma or serum	Orally
Procaine penicillin	24 hours	25 ng/mL of plasma	Intra-muscular
Triamcinolone acetonide	24 hours	100 pg/mL of plasma or serum	Intra-articular
Xylazine	24 hours	0.01 ng/mL of plasma	Intravenous

* Pennsylvania regulations state no medication may be given less than 24 hours before post time.

** Pennsylvania currently follows the Association of Racing Commissioners International model rules. The state has committed to adopting uniform medication and drug testing rules created by the RMTC and RCI along with eight other states. The racing commission is expected adopt the new rules Jan. 2014.

Threshold concentrations are as follows: mcg=micrograms (1 millionth of a gram); ng=nanograms (1 billionth); pg=picograms (1 trillionth)

Rules effective as of May 29, 2013