



KENTUCKY

Therapeutic Substances

Substance	Restricted Admin Time*	Threshold	Route of Admin
Acepromazine	120 hours	No regulatory threshold	Intravenous
Betamethasone	48 hours	No regulatory threshold	Intra-articular
Butorphanol	96 hours	No regulatory threshold	Intravenous
Clenbuterol	72 hours	25 pg/mL of serum	Orally
Dantrolene	48 hours	No regulatory threshold	Orally
Detomidine	48 hours	No regulatory threshold	Intravenous
Dexamethasone	48 hours	No regulatory threshold	Oral, Intravenous, IM
Diclofenac	48 hours	5 ng/mL of serum	Topically
DMSO	48 hours	10 mcg/mL of serum	Intravenous
Firocoxib	48 hours	20 ng/mL of serum	Orally, Intravenous
Flunixin	24 hours	20 ng/mL of serum	Intravenous
Furosemide	4 hours	100 ng/mL of serum	Intravenous
Glycopyrrolate	24 hours	1 ng/mL of urine or 3.5 pg/mL of serum	Intravenous
Ketoprofen	24 hours	10 ng/mL of serum	Intravenous
Lidocaine	96 hours	No regulatory threshold	Subcutaneous–distal limb
Mepivacaine	96 hours	No regulatory threshold	Subcutaneous-distal limb
Methocarbamol	48 hours	1 ng/mL of serum	Intravenous
Methylprednisolone	72 hours	No regulatory threshold	Intra-articular
Omeprazole	24 hours	No regulatory threshold	Orally
Phenylbutazone	24 hours	2 mcg/mL of serum	Intravenous
Prednisolone	No on race day	No regulatory threshold	Orally
Procaine penicillin	21 days	No regulatory threshold	Intra-muscular
Triamcinolone acetonide	72 hours	No regulatory threshold	Intra-articular
Xylazine	96 hours	No regulatory threshold	Intravenous

* Withdrawal times apply to single doses, not multiple.

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

Rules effective as of April 29, 2013