



# OHIO

## Therapeutic Substances

Substance	Restricted Admin Time	Threshold	Route of Admin
Acepromazine	24 hours	10 ng/mL 2-(1-hydroxyethyl) promazine sulfoxide in urine	Intravenous
Betamethasone	24 hours	Level of detection	Intra-articular
Butorphanol	24 hours	10 ng/mL in urine	Intravenous
Clenbuterol	24 hours	25 pg/mL in plasma	Orally
Dantrolene	24 hours	Level of detection	Orally
Detomidine	24 hours	Level of detection	Sublingual (Domosedan gel)
Dexamethasone	24 hours	Level of detection	Oral, Intravenous, IM
Diclofenac	24 hours	Level of detection	Topically
DMSO	24 hours	10 mcg/mL in plasma	Topical
Firocoxib	24 hours	Level of detection	Orally
Flunixin	24 hours	20 ng/mL in serum or plasma	Intravenous
Furosemide	24 hours	100 ng/mL in plasma	Intravenous
Glycopyrrolate	24 hours	5 ng/mL in urine	Intravenous
Ketoprofen	24 hours	10 ng/mL in plasma	Intravenous
Lidocaine	24 hours	50 ng/mL of total 3'-hydroxylidocaine in urine	Subcutaneous – distal limb
Mepivacaine	24 hours	Level of detection	Subcutaneous – distal limb
Methocarbamol	24 hours	1 mcg/mL in urine	Orally
Methylprednisolone	24 hours	Level of detection	Intra-articular
Omeprazole	24 hours	Level of detection	Orally
Phenylbutazone	24 hours	2 mcg/mL in plasma	Intravenous
Prednisolone	24 hours	Level of detection	Orally
Procaine penicillin	24 hours	50 ng/mL procaine in urine	Intra-muscular
Triamcinolone acetonide	24 hours	Level of detection	Intra-articular
Xylazine	24 hours	Level of detection	Intravenous

Rules effective as of Sept. 5, 2013.

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