

Substance	Withdrawal Guideline	Threshold	Route of Administration	Experimental Administration Dosage
<i>Sedatives</i>				
Acepromazine	48 hours	HEPS - 10 ng/mL of urine	Intravenous	0.05 mg/kg
Butorphanol	48 hours	Free butorphanol 2 ng/ml of plasma or serum or total butorphanol 300 ng/ml of urine	Intravenous	0.1 mg/kg
Detomidine (Dormosedan)	72 hours	3-carboxydetomidine 1 ng/mL of urine or LOD in plasma or serum	Sublingual	40 mcg/kg sublingual
Xylazine (Rompun)	48 hours	0.01 ng/ml of plasma or serum	Intravenous	
<i>NSAIDs</i>				
Diclofenac (Surpass)	48 hours Restricted Administration time	5 ng/mL in serum	Topical	5" ribbon of Surpass every 12 hours to one site
Firocoxib (Equioxx)	14 days	20 ng/mL in serum	Oral or Intravenous	0.1 mg/kg for 4 days
	48 hours Restricted Administration Time	20 ng/mL in serum		Single .1 mg/kg dose
Flunixin (Banamine)	24 hours Restricted Administration Time	20 ng/mL in serum	Intravenous	1.1 mg/kg
Ketoprofen (Ketofen)	24 hours Restricted Administration Time	10 ng/mL in serum	Intravenous	2.2 mg/kg
Phenylbutazone	24 hours Restricted Administration Time	2 mcg/mL in serum	Intravenous	4.4 mg/kg

<i>Corticosteroids</i>				
Betamethasone	7 days	10 pg/mL in serum	Intra-articular	9 mg total in one articular space
Dexamethasone (Azium)	72 hours	5 pg/mL in serum	Intravenous, Intramuscular, Oral	0.05 mg/kg
Methylprednisolone (Depo Medrol)	7 days	100 pg/mL in serum	Intra-articular	<100 mg total in one articular space ¹
Prednisolone	48 hours	1 ng/ml in serum	Oral	1 mg/kg
Triamcinolone acetonide (Vetalog)	7 days	100 pg/mL in serum	Intra-articular	9 mg total in one articular space
<i>Miscellaneous</i>				
Clenbuterol (Ventipulmin)	14 days	140 pg/mL in urine or LOD in serum	Oral	0.8 mcg/kg
DMSO	48 hours	10 mcg/mL in serum	Topical or systemic	Up to two ounces
Furosemide	4 hours Restricted Administration Time	100 ng/mL in serum <u>and</u> urine specific gravity < 1.010	Intravenous	500 mg total dose
Glycopyrrolate (Robinol)	48 hours	3 pg/mL in serum	Intravenous	1 mg total dose
Dantrolene (Dantrium)	48 hours	5-OH dantrolene 0.1 ng/mL in serum	Oral	500 mg total dose

Lidocaine	72 hours	20 pg/mL of total 3OH-lidocaine in serum	Subcutaneous	200 mg total dose
Mepivacaine	72 hours	OH-mepivacaine - 10 ng/mL in urine or mepivacaine at LOD in serum	Subcutaneous	0.07 mg/kg
Methocarbamol (Robaxin)	48 hours	1 ng/mL in serum	Oral or Intravenous single dose	15 mg/kg
Omeprazole (Gastrogard)	24 hours	omeprazole sulfide - 1 ng/mL in urine	Oral	3.9 mg/kg
Procaine penicillin*	48 hrs	25 ng/mL in serum	Intra-muscular	17 mg/kg

*Procaine penicillin treatments must be reported to the stewards no later than 24 hours after the last injection is administered. Horses so treated will be required to be under KHRC-approved, continuous surveillance for the six hour interval prior to the post time for the race in which the horse is entered. The owner of the horse is responsible for all costs associated with the surveillance. Prospective surveillance arrangements must be submitted to the stewards no later than close of business on the day of entry.