



FORENSIC EQUINE DRUG TESTING
Equine Pre-Purchase Drug Screen Requisition

Clinic Name: _____
Veterinarian: _____
Email address: _____

Bill to Account? Y/N			Visa: <input type="checkbox"/> MasterCard: <input type="checkbox"/> Expiry:
Invoice and Report to:			Card # :
Street			Cardholder Name :
			Signature:
City	Province	Postal Code	Phone:
			Fax:
Name of Horse:			Date Sample Collected:
Type of Sample Submitted: <input type="checkbox"/> Whole Blood / <input type="checkbox"/> Serum / <input type="checkbox"/> Plasma			
Cost: \$ 110.00 (shipping not included)		Standard Turn around Time: 7-10 business days RUSH TAT: 4 business days: <input type="checkbox"/> 50 % Surcharge	
Comments:			
Signature:		Date sent:	

Laboratory Use Only	
Date Rec'd : _____	Rec'd by : _____
Comments:	

Please courier samples to: Maxxam Analytics FEDT
8577 Commerce Court
Burnaby, BC V5A 4N5

Phone: 604-734-7276
Fax: 604-421-4032

Questions? Please see page 2 for instructions & drug group lists.



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The **minimum volumes** for pre-purchase drug analysis are:

- Whole blood: 10 mL
- Serum or Plasma: 5 mL

Preferred VACUTAINER® for blood collection:

Grey-Top Tube (*Potassium Oxalate/Sodium Fluoride*)

Other acceptable VACUTAINER® options for blood collection:

Green-Top Tube (*Sodium Heparin*)

Lavender-Top Tube (*EDTA*)

VACUTAINER® for serum collection:

Red-Top Tube (*Contains no anticoagulant*)

Screening is conducted using Liquid Chromatography Tandem Mass Spectrometry (LC/MS/MS) and includes, but is not limited to, the following classes of drugs:

NSAIDs:

Carprofen, Diclofenac, Fenoprofen, Flufenamic acid, Flunixin, Flurbiprofen, Ibuprofen, Indomethacin, Ketoprofen, Meclofenamic acid, Mefenamic acid, Naproxen, Phenylbutazone, Tolfenamic acid, Vedaprofen.

Amphetamines:

Amphetamine, Desmethylselegiline, Ephedrine, Methamphetamine, Mephentermine, Phenylpropanolamine, Phentermine, Selegiline.

Corticosteroids:

Betamethasone, Dexamethasone, Flumethasone, Isoflupredone.

Tranquilizers:

- **Reserpine**
- **Barbiturates:** Amobarbital, Apobarbital, Barbitol, Butobarbital, Butalbital, Phenobarbital, Pentobarbital, Secobarbital.
- **Benzodiazepines:** Alprazolam, Chlorazepate, Clobazam, Demoxepam, Diazepam, Flunitrazepam, Lormetazepam, Midazolam, Nordiazepam, Oxazepam, Temazepam, Triazolam.
- **Tricyclics:** Amitriptyline, Chlorpromazine, Clomipramine, Fluphenazine, Imipramine, Perphenazine, Promazine, Propionylpromazine, Protriptyline, Trifluoperazine.

Alternative analytical technologies may be used for the sample analysis such as Enzyme Linked ImmunoSorbent Assays (ELISA) or Gas Chromatography (GC/MS).